

Genetische trends van koeien in Nederland

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Algemene toelichting op de genetische trends van koeien:

Er worden alleen gemiddelde fokwaarden getoond als het aantal waarnemingen per jaar meer dan 10 is.

Het rasaandeel per getoond ras is minimaal 7/8, behalve voor FHF en MRH. Bij deze kruisingen geldt:

FHF: minimaal 2/8 HF of FH, 2e ras is resp. FH of HF (zwartbont)

MRH: minimaal 2/8 MRY of HF, 2e ras is resp. HF of MRY (roodbont)

Basis = Melkdoel zwart, Melkdoel rood, Dubbeldoel of Belgisch witblauw

Toelichting op gebruikte afkortingen:

kgM = Kg melk
kgV = Kg vet
kgE = Kg eiwit
kgL = Kg lactose
%V = %vet
%E = %eiwit
%L = %lactose
INET = INET
H = Hoogtemaat
VH = Voorhand
IH = Inhoud
OH = Openheid
CS = Conditie
KL = Kruisligging
KB = Kruisbreedte
BA = Beenstand achter
BZ = Beenstand zij
KH = Klauwhoek
BG = Beengebruik
VA = Vooruieraanhechting
VP = Voorspeenplaatsing
SL = Speenlengte
UD = Uierdiepte
AH = Achteruierhoogte
OB = Ophangband
AP = Achterspeenplaatsing
F = Frame
T = Type
U = Uier
B = Beenwerk
Bs = Bespiering
Ext = Totaal exterieur
NR56 = Non Return
IAI = Interval afkalven-1e inseminatie
IEL = Interval eerste-laatste inseminatie
TKT = Tussenkalftijd
DP_ko = Drachtpercentage-koe
DP_pi = Drachtpercentage-pink
LEI = Leeftijd 1e inseminatie-pink
Vru = Vruchtbaarheidsindex
MS = Melksnelheid
Kar = Karakter
SCC = Celgetal
SKM = Subklinische mastitis
KM = Klinische mastitis
NVI = NVI
Lvd = Levensduur
Ugh = Uiergezondheidsindex
Kgh = Klauwgezondheidsindex

Bv = Bevangenheid
 Mo = Mortellaro
 Sp = Stinkpoot
 Zz = Zoolzweer
 Ty = Tyloom
 Wld = Wittelij n defect
 LVg = Index Levensvatbaarheid
 LVa = Index Maternale Levensvatbaarheid
 LVg1 = Directe levensvatbaarheid vaarzen
 LVa1 = Maternale levensvatbaarheid vaarzen
 LVg2 = Directe levensvatbaarheid koeien
 LVa2 = Maternale levensvatbaarheid koeien
 Geb = Direct geboorteverloop
 DDt = Directe draagtijd
 DGw = Direct geboortegewicht
 Afk = Maternaal afkalfgemak
 MDt = Maternale draagtijd
 MGw = Maternaal geboortegewicht
 Gin = Geboorteindex
 Be_ko = Beveleedheid koe
 Ve_ko = Vetbedekking koe
 Gw_ko = Gewicht koe
 Be_ka = Beveleedheid kalf
 Ve_ka = Vetbedekking kalf
 Gr_ka = Groei kalf
 Vlkl = Vleeskleur kalf
 Be_st = Beveleedheid stier
 Ve_st = Vetbedekking stier
 Gr_st = Groei stier
 Vlin = Vleesindex
 KaVi1 = Kalvervitaliteit gedurende opfok
 KaVi2 = Kalvervitaliteit gedurende opfok dag 3-14
 KaVi3 = Kalvervitaliteit mestkalveren
 LPin = Levensproductie index
 LPkgM = Levensproductie kg melk
 LPkgV = Levensproductie kg vet
 LPkgE = Levensproductie kg eiwit
 Eff = AMS Efficiency
 Int = AMS Interval
 Gewen = AMS Gewenning
 Pers = Persistentie
 RTM = Laatrijphheid
 DSopn = Kg droge stof opname
 Gew = Lichaamsgewicht

Rassen met meer dan 10 waarnemingen per jaar - Nederland

Holstein Friesian - zwartbont
 Holstein Friesian - roodbont
 Holstein - Fries Hollands zwartbont
 Fries Hollands - zwartbont
 Fries Hollands - roodbont
 Overige Friesian
 Maas Rijn IJssel
 MRIJ - Holstein Friesian roodbont
 Jersey
 Lakenvelder - zwartbont
 Lakenvelder - roodbont
 Blaarkop - zwartbont
 Verbeterd Roodbont
 Belgisch Blauw Mixt
 Witrood
 Belgisch Blauw
 British Friesian

Brand rood
Fleck Vieh
Brown Swiss
Zweeds Roodbont
Angler
Montbéliard
Piemontese
Blonde d'Aquitaine
Normande

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Tabel: 240 Belgisch Blauw, basis B: NVI met onderliggende kenmerken
Tabel: 241 Belgisch Blauw, basis B: Levensvatbaarheidskenmerken
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Tabel: 244 Belgisch Blauw, basis B: Overige productie en efficiency kenm.
Tabel: 245 British Friesian, basis Y: Melkproductiekenmerken
Tabel: 246 British Friesian, basis Y: Exterieurkenmerken bouw
Tabel: 247 British Friesian, basis Y: Exterieurkenmerken beenwerk
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Tabel: 252 British Friesian, basis Y: NVI met onderliggende kenmerken
Tabel: 253 British Friesian, basis Y: Levensvatbaarheidskenmerken
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Tabel: 258 Brand rood, basis Y: Vruchtbaarheidskenmerken
Tabel: 259 Brand rood, basis Y: NVI met onderliggende kenmerken
Tabel: 260 Brand rood, basis Y: Levensvatbaarheidskenmerken
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Tabel: 265 Fleck Vieh, basis Y: Melkproductiekenmerken
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Tabel: 272 Fleck Vieh, basis Y: NVI met onderliggende kenmerken
Tabel: 273 Fleck Vieh, basis Y: Klauwgezondheidskenmerken
Tabel: 274 Fleck Vieh, basis Y: Levensvatbaarheidskenmerken
Tabel: 275 Fleck Vieh, basis Y: Geboortekenmerken
Tabel: 276 Fleck Vieh, basis Y: Kalvervitaliteit
Tabel: 277 Fleck Vieh, basis Y: Levensproductiekenmerken
Tabel: 278 Fleck Vieh, basis Y: Robot / AMS kenmerken
Tabel: 279 Fleck Vieh, basis Y: Overige productie en efficiency kenm.
Tabel: 280 Brown Swiss, basis R: Melkproductiekenmerken
Tabel: 281 Brown Swiss, basis R: Exterieurkenmerken bouw
Tabel: 282 Brown Swiss, basis R: Exterieurkenmerken beenwerk
Tabel: 283 Brown Swiss, basis R: Exterieurkenmerken uier
Tabel: 284 Brown Swiss, basis R: Exterieurkenmerken bovenbalk
Tabel: 285 Brown Swiss, basis R: Vruchtbaarheidskenmerken
Tabel: 286 Brown Swiss, basis R: Gebruikskenmerken
Tabel: 287 Brown Swiss, basis R: NVI met onderliggende kenmerken
Tabel: 288 Brown Swiss, basis R: Klauwgezondheidskenmerken

Tabel: 289 Brown Swiss, basis R: Levensvatbaarheidskenmerken
Tabel: 290 Brown Swiss, basis R: Geboortekenmerken
Tabel: 291 Brown Swiss, basis R: Kalvervitaliteit
Tabel: 292 Brown Swiss, basis R: Levensproductiekenmerken
Tabel: 293 Brown Swiss, basis R: Robot / AMS kenmerken
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Tabel: 295 Zweeds Roodbont, basis R: Melkproductiekenmerken
Tabel: 296 Zweeds Roodbont, basis R: Exterieurkenmerken bouw
Tabel: 297 Zweeds Roodbont, basis R: Exterieurkenmerken beenwerk
Tabel: 298 Zweeds Roodbont, basis R: Exterieurkenmerken uier
Tabel: 299 Zweeds Roodbont, basis R: Exterieurkenmerken bovenbalk
Tabel: 300 Zweeds Roodbont, basis R: Vruchtbaarheidskenmerken
Tabel: 301 Zweeds Roodbont, basis R: NVI met onderliggende kenmerken
Tabel: 302 Zweeds Roodbont, basis R: Levensvatbaarheidskenmerken
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Tabel: 304 Zweeds Roodbont, basis R: Levensproductiekenmerken
Tabel: 305 Zweeds Roodbont, basis R: Overige productie en efficiency kenm.
Tabel: 306 Angler, basis R: Melkproductiekenmerken
Tabel: 307 Angler, basis R: Exterieurkenmerken bouw
Tabel: 308 Angler, basis R: Exterieurkenmerken beenwerk
Tabel: 309 Angler, basis R: Exterieurkenmerken uier
Tabel: 310 Angler, basis R: Exterieurkenmerken bovenbalk
Tabel: 311 Angler, basis R: Vruchtbaarheidskenmerken
Tabel: 312 Angler, basis R: NVI met onderliggende kenmerken
Tabel: 313 Angler, basis R: Overige productie en efficiency kenm.
Tabel: 314 Montbéliard, basis R: Melkproductiekenmerken
Tabel: 315 Montbéliard, basis R: Exterieurkenmerken bouw
Tabel: 316 Montbéliard, basis R: Exterieurkenmerken beenwerk
Tabel: 317 Montbéliard, basis R: Exterieurkenmerken uier
Tabel: 318 Montbéliard, basis R: Exterieurkenmerken bovenbalk
Tabel: 319 Montbéliard, basis R: Vruchtbaarheidskenmerken
Tabel: 320 Montbéliard, basis R: Gebruikskenmerken
Tabel: 321 Montbéliard, basis R: NVI met onderliggende kenmerken
Tabel: 322 Montbéliard, basis R: Klauwgezondheidskenmerken
Tabel: 323 Montbéliard, basis R: Levensvatbaarheidskenmerken
Tabel: 324 Montbéliard, basis R: Geboortekenmerken
Tabel: 325 Montbéliard, basis R: Kalvervitaliteit
Tabel: 326 Montbéliard, basis R: Levensproductiekenmerken
Tabel: 327 Montbéliard, basis R: Robot / AMS kenmerken
Tabel: 328 Montbéliard, basis R: Overige productie en efficiency kenm.
Tabel: 329 Piemontese, basis Y: Vruchtbaarheidskenmerken
Tabel: 330 Piemontese, basis Y: Geboortekenmerken
Tabel: 331 Blonde d'Aquitaine, basis Y: Vruchtbaarheidskenmerken
Tabel: 332 Blonde d'Aquitaine, basis Y: Geboortekenmerken
Tabel: 333 Normande, basis R: Melkproductiekenmerken
Tabel: 334 Normande, basis R: Vruchtbaarheidskenmerken
Tabel: 335 Normande, basis R: NVI met onderliggende kenmerken
Tabel: 336 Normande, basis R: Overige productie en efficiency kenm.

Genetische trend van koeien in Nederland

Tabel: 1 Holstein Friesian - zwartbont: Melkproductiekenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	2231	-2361.0	-75.7	-83.3	-110.0	39.7	-0.9	-3.5	-539.5
1981	2765	-2279.2	-73.6	-81.6	-105.9	37.3	-2.8	-2.9	-526.3
1982	3166	-2170.6	-68.5	-78.0	-100.5	37.5	-2.9	-2.1	-497.5
1983	4773	-2118.3	-64.4	-76.5	-96.8	39.8	-3.5	-0.3	-479.7
1984	7531	-2109.4	-62.5	-75.8	-96.4	42.1	-2.7	-0.3	-471.1
1985	12048	-2126.8	-61.1	-74.5	-96.9	45.5	0.1	0.2	-462.6

1986	19570	-2101.9	-58.9	-72.0	-95.6	47.4	2.7	0.4	-447.7
1987	33695	-2020.1	-56.5	-68.9	-91.7	45.2	3.1	0.6	-428.4
1988	60821	-1938.4	-53.7	-65.9	-88.0	43.8	3.3	0.6	-409.2
1989	90005	-1849.5	-49.5	-63.1	-83.9	43.8	2.8	0.6	-387.6
1990	115659	-1748.2	-47.8	-60.2	-79.3	39.5	1.9	0.6	-370.9
1991	128633	-1574.4	-42.7	-54.3	-71.3	35.3	1.6	0.6	-333.8
1992	149315	-1427.2	-40.4	-50.3	-64.6	29.1	0.0	0.6	-310.2
1993	177713	-1338.3	-38.4	-47.2	-60.6	26.4	-0.0	0.6	-292.3
1994	191357	-1215.8	-36.2	-43.5	-55.0	21.9	-0.7	0.6	-270.9
1995	227807	-1070.5	-30.6	-38.3	-48.4	20.8	-0.6	0.5	-235.9
1996	230408	-966.4	-28.1	-34.6	-43.7	18.0	-0.4	0.5	-213.7
1997	229856	-904.9	-24.3	-31.7	-40.9	19.4	0.6	0.5	-193.1
1998	239089	-835.3	-21.9	-29.0	-37.7	18.5	0.8	0.5	-176.2
1999	243868	-805.6	-19.1	-27.0	-36.3	20.4	2.1	0.5	-161.8
2000	234850	-665.7	-16.2	-23.2	-30.3	16.6	0.8	0.2	-138.2
2001	238644	-625.6	-14.8	-21.4	-29.7	16.0	1.3	-1.3	-127.7
2002	225488	-510.2	-14.2	-18.7	-24.9	10.5	-0.4	-1.8	-113.9
2003	225960	-480.1	-11.7	-17.7	-24.3	11.9	-0.5	-2.8	-104.3
2004	224286	-396.1	-9.1	-14.3	-19.9	10.6	0.1	-2.2	-83.5
2005	227574	-348.0	-8.0	-12.5	-17.6	9.4	0.2	-2.0	-73.1
2006	243907	-248.2	-6.6	-8.9	-12.1	5.8	0.4	-0.9	-53.8
2007	234353	-164.7	-5.2	-6.1	-8.0	3.3	0.3	-0.5	-37.9
2008	244803	-121.2	-4.2	-4.5	-5.9	2.3	0.3	-0.4	-28.9
2009	238970	-66.2	-2.5	-2.4	-3.2	1.6	0.5	-0.2	-15.8
2010	234578	-19.3	0.3	-0.1	-0.9	2.5	1.2	0.0	0.1
2011	235119	38.5	3.1	2.3	2.5	2.8	1.7	0.8	16.8
2012	238283	70.0	4.3	3.9	3.8	2.6	2.3	0.7	26.3
2013	249980	120.1	6.9	6.0	6.1	3.1	2.6	0.7	40.8
2014	245189	216.2	10.5	9.0	10.2	2.4	2.2	0.4	62.0
2015	192810	301.7	14.8	12.2	14.2	3.0	2.3	0.5	85.1
2016	8414	375.8	18.8	15.4	17.5	3.7	2.9	0.4	107.9

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 2 Holstein Friesian - zwartbont: Exterieurkenmerken bouw
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	2654	87.2	95.1	88.9	87.5	102.4	97.2	93.5
1981	3181	88.1	96.0	90.1	89.0	102.4	97.1	94.2
1982	3603	88.9	96.2	91.3	90.1	102.4	96.4	94.2
1983	5507	89.0	96.5	91.4	90.4	102.6	96.3	94.4
1984	7978	89.0	96.7	92.0	90.9	103.0	96.2	94.7
1985	11814	89.1	96.9	92.2	91.2	103.2	96.1	94.8
1986	17445	89.2	97.2	92.5	91.4	103.2	95.6	94.7
1987	26524	89.7	97.1	93.1	91.8	102.8	95.7	95.7
1988	40425	89.9	97.3	93.7	92.4	102.5	95.8	96.1
1989	55250	90.5	97.3	94.0	92.7	102.0	96.2	96.3
1990	70520	90.8	96.9	94.2	93.0	101.5	96.8	96.3
1991	79343	91.6	97.6	94.7	93.6	101.3	96.8	96.2
1992	94128	92.2	97.9	95.2	94.2	101.0	97.0	96.4
1993	106103	92.4	97.6	95.0	94.0	100.6	97.0	96.6
1994	111104	92.8	97.5	95.5	94.7	100.1	97.6	97.0
1995	131393	93.0	97.2	95.4	94.9	99.8	97.3	96.4
1996	132643	93.3	97.6	95.9	95.3	99.7	97.5	96.3
1997	131747	93.9	97.6	96.2	95.8	99.5	97.9	96.4
1998	135947	94.2	97.9	96.5	96.0	99.5	97.7	96.5
1999	136915	94.6	97.9	96.8	96.4	99.4	98.2	96.7
2000	132310	95.4	98.0	97.2	96.9	99.1	98.8	97.4
2001	131302	95.7	97.8	97.2	97.1	99.1	98.6	97.3
2002	124796	96.2	97.9	97.6	97.6	98.8	99.0	97.3

2003	126271	96.7	98.1	98.1	98.2	98.7	99.2	97.7
2004	125506	97.1	98.3	98.1	98.2	98.8	99.6	97.8
2005	125973	97.8	98.5	98.5	98.7	98.6	100.0	98.2
2006	129964	98.5	99.2	99.1	99.0	99.2	100.0	98.8
2007	121766	98.9	99.5	99.5	99.4	99.4	100.3	99.2
2008	124346	99.2	99.7	99.6	99.5	99.5	100.3	99.7
2009	123043	99.5	99.8	99.8	99.7	99.9	100.2	99.7
2010	120416	99.8	100.1	100.0	99.9	100.1	100.0	99.8
2011	117352	100.4	100.6	100.2	100.2	100.7	99.9	100.0
2012	115460	101.1	100.8	100.5	100.7	100.9	100.0	100.1
2013	115319	101.4	100.8	100.7	101.2	100.8	100.1	100.2
2014	109326	102.1	101.0	101.1	101.8	100.8	100.5	100.3
2015	66550	102.3	101.2	101.2	102.0	101.2	100.6	100.4
2016	1401	102.7	101.4	101.4	102.4	101.2	100.5	100.6

Tabel: 3 Holstein Friesian - zwartbont: Exterieurkenmerken beenwerk
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	2654	91.9	100.8	91.6	89.3
1981	3181	93.5	100.2	92.1	90.2
1982	3603	94.1	100.9	93.2	91.0
1983	5507	94.6	101.3	93.9	91.7
1984	7978	94.6	101.4	94.5	91.7
1985	11814	94.8	101.4	94.9	91.9
1986	17445	95.2	101.4	95.1	92.3
1987	26524	95.4	101.8	95.1	92.4
1988	40425	95.6	102.3	94.9	92.5
1989	55250	95.8	102.4	95.3	92.9
1990	70520	95.5	102.3	95.1	92.8
1991	79343	95.8	102.5	95.1	93.6
1992	94128	95.9	102.6	95.0	94.0
1993	106103	96.4	102.3	95.4	94.3
1994	111104	96.5	102.1	95.9	94.6
1995	131393	96.7	102.0	96.0	95.4
1996	132643	96.7	102.2	96.0	95.6
1997	131747	96.9	102.2	95.8	96.2
1998	135947	96.9	102.3	96.1	96.3
1999	136915	97.0	102.4	96.0	96.4
2000	132310	97.2	102.2	96.2	96.6
2001	131302	97.5	101.8	96.6	97.0
2002	124796	97.7	101.6	96.8	97.5
2003	126271	98.3	102.1	96.7	98.0
2004	125506	98.4	101.6	97.5	98.2
2005	125973	98.9	101.6	97.9	98.6
2006	129964	99.0	100.9	98.6	98.9
2007	121766	99.4	100.5	99.0	99.3
2008	124346	99.6	100.4	99.3	99.6
2009	123043	99.7	100.1	99.7	99.8
2010	120416	100.0	99.9	100.0	100.1
2011	117352	100.1	99.6	100.3	100.2
2012	115460	100.5	99.5	100.4	100.7
2013	115319	100.9	99.7	100.4	101.2
2014	109326	101.9	99.7	100.4	102.0
2015	66550	102.6	99.4	100.8	102.7
2016	1401	103.3	99.1	101.4	103.4

Tabel: 4 Holstein Friesian - zwartbont: Exterieurkenmerken uier

Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	2654	92.9	90.7	100.1	95.3	87.3	91.5	90.2
1981	3181	92.8	91.0	100.4	95.4	87.2	91.7	90.3
1982	3603	93.6	91.4	100.1	95.6	88.1	92.2	91.4
1983	5507	93.8	91.5	100.3	95.5	88.4	92.3	91.3
1984	7978	93.5	91.2	100.4	95.0	89.0	92.2	91.3
1985	11814	93.7	90.9	100.5	95.2	89.5	92.1	91.0
1986	17445	93.7	91.0	100.5	95.1	90.0	92.4	91.3
1987	26524	93.6	91.6	100.3	94.7	90.6	93.1	91.8
1988	40425	93.7	92.0	100.4	94.3	90.8	93.4	92.1
1989	55250	94.0	92.7	100.3	94.7	91.1	93.8	92.6
1990	70520	94.2	93.2	100.0	94.8	91.2	94.4	93.2
1991	79343	94.5	93.3	100.9	95.1	92.5	94.9	93.5
1992	94128	94.6	93.7	101.1	95.1	93.1	95.5	94.1
1993	106103	94.2	93.6	101.0	95.1	93.4	95.8	94.4
1994	111104	94.4	94.3	101.1	95.1	93.7	95.9	95.1
1995	131393	94.6	94.5	101.8	95.2	94.5	96.2	95.4
1996	132643	94.9	94.8	101.6	95.3	94.6	96.5	95.8
1997	131747	95.6	94.8	101.5	95.7	95.2	96.8	96.0
1998	135947	95.7	95.1	101.4	95.7	95.3	96.8	96.2
1999	136915	96.0	95.4	101.3	95.9	95.7	97.0	96.5
2000	132310	96.0	96.1	101.0	96.1	96.1	97.3	97.1
2001	131302	96.2	96.5	101.3	96.3	96.6	97.1	97.2
2002	124796	96.6	97.1	101.2	96.6	96.7	97.1	97.2
2003	126271	97.3	97.4	101.0	97.0	97.2	97.8	97.9
2004	125506	97.7	97.7	101.2	97.4	98.0	98.4	98.5
2005	125973	98.0	98.2	101.1	97.7	98.3	98.8	99.0
2006	129964	98.5	98.9	101.1	98.2	98.6	99.0	99.3
2007	121766	98.9	99.3	101.0	98.6	99.0	99.1	99.5
2008	124346	99.3	99.6	100.6	98.9	99.4	99.6	99.9
2009	123043	99.5	99.5	100.4	99.5	99.6	99.6	99.6
2010	120416	99.9	100.0	99.9	99.9	99.8	99.9	99.9
2011	117352	100.4	100.6	99.5	100.4	100.0	99.9	100.1
2012	115460	101.1	101.0	99.5	101.3	100.7	100.1	100.3
2013	115319	101.4	101.1	99.6	101.6	101.1	100.1	100.4
2014	109326	101.9	101.5	99.9	102.2	102.1	100.6	100.8
2015	66550	102.3	101.9	99.9	102.6	102.8	101.0	101.0
2016	1401	102.9	102.5	100.2	103.0	103.4	101.2	101.2

Tabel: 5 Holstein Friesian - zwartbont: Exterieurkenmerken bovenbalk
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2654	89.7	89.6	89.8	88.2	0.0	83.7
1981	3181	90.8	91.3	89.8	89.3	0.0	84.8
1982	3603	90.9	92.5	90.6	90.3	0.0	86.0
1983	5507	91.0	92.9	90.7	91.0	0.0	86.6
1984	7978	91.4	93.8	90.6	91.0	0.0	86.8
1985	11814	91.6	94.2	90.9	91.4	0.0	87.2
1986	17445	91.5	94.5	91.1	91.8	0.0	87.6
1987	26524	92.2	94.9	91.4	92.0	0.0	88.1
1988	40425	92.7	95.3	91.4	92.0	0.0	88.3
1989	55250	93.1	95.3	91.9	92.4	0.0	88.9
1990	70520	93.4	95.2	92.2	92.3	0.0	89.0
1991	79343	93.7	95.6	92.9	92.9	0.0	89.9
1992	94128	94.3	96.0	93.3	93.2	0.0	90.5

1993	106103	94.2	95.5	93.2	93.6	0.0	90.6
1994	111104	94.8	95.9	93.3	94.0	0.0	91.1
1995	131393	94.2	95.6	93.7	94.7	0.0	91.5
1996	132643	94.5	96.0	94.0	94.9	0.0	91.9
1997	131747	94.9	96.3	94.6	95.3	0.0	92.6
1998	135947	95.1	96.5	94.6	95.5	0.0	92.8
1999	136915	95.5	96.8	95.0	95.5	0.0	93.1
2000	132310	96.3	97.1	95.2	95.7	0.0	93.7
2001	131302	96.2	97.3	95.5	96.2	0.0	94.0
2002	124796	96.5	97.5	95.9	96.6	0.0	94.6
2003	126271	97.1	97.9	96.5	97.2	0.0	95.5
2004	125506	97.4	98.0	97.1	97.5	0.0	96.1
2005	125973	97.9	98.3	97.4	98.0	0.0	96.7
2006	129964	98.7	99.0	98.0	98.3	0.0	97.5
2007	121766	99.2	99.5	98.5	98.7	0.0	98.2
2008	124346	99.6	99.8	98.9	99.1	0.0	98.8
2009	123043	99.6	100.1	99.3	99.3	0.0	99.2
2010	120416	99.7	100.4	99.8	99.6	0.0	99.6
2011	117352	99.9	101.0	100.3	99.7	0.0	100.1
2012	115460	100.2	101.4	101.1	100.2	0.0	101.0
2013	115319	100.4	101.7	101.5	100.7	0.0	101.5
2014	109326	100.8	102.2	102.3	101.6	0.0	102.6
2015	66550	101.0	102.5	102.9	102.3	0.0	103.4
2016	1401	101.2	102.9	103.6	103.1	0.0	104.3

Tabel: 6 Holstein Friesian - zwartbont: Vruchtbaarheidskenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	3579	104.2	106.6	109.8	108.3	104.8	102.6	89.4	109.3
1981	4420	103.4	106.4	109.4	107.8	104.4	102.7	91.1	108.9
1982	5187	103.4	105.9	108.5	107.1	103.9	102.3	90.7	108.1
1983	7891	103.2	105.7	108.2	106.8	103.9	101.8	91.1	107.8
1984	11785	103.4	105.6	108.1	106.8	104.0	101.8	90.9	107.7
1985	17732	103.7	105.5	108.0	106.7	104.0	101.6	90.4	107.6
1986	27633	103.5	105.2	107.6	106.3	103.7	101.1	90.6	107.2
1987	45780	103.7	105.0	107.4	106.2	103.7	102.1	91.1	107.0
1988	73351	103.6	104.3	106.8	105.5	103.4	102.0	91.2	106.4
1989	105562	103.3	103.9	106.2	105.0	102.9	101.5	92.0	105.8
1990	137539	103.0	103.7	106.0	104.8	102.9	101.4	92.4	105.7
1991	160068	102.6	103.0	105.0	104.0	102.2	101.4	93.0	104.7
1992	183578	102.2	102.8	104.5	103.6	102.0	101.6	93.6	104.3
1993	218345	102.5	102.2	104.2	103.0	101.9	101.5	93.8	103.9
1994	242232	102.2	101.8	103.9	102.6	101.7	101.3	94.4	103.5
1995	275026	102.0	101.0	103.1	101.7	101.3	101.1	94.6	102.6
1996	280426	101.5	101.0	102.7	101.6	101.1	101.0	94.9	102.3
1997	279375	101.2	100.8	102.2	101.2	100.7	100.6	95.3	101.9
1998	291642	100.6	100.7	101.7	100.8	100.1	100.5	95.8	101.3
1999	285310	100.8	100.1	101.4	100.3	100.0	100.4	95.9	100.9
2000	275373	100.3	100.0	100.8	99.9	99.6	100.0	96.5	100.4
2001	277851	100.4	99.8	100.8	99.8	99.7	100.1	96.9	100.4
2002	268515	100.1	100.1	100.8	100.0	99.8	100.2	97.3	100.4
2003	272767	100.4	99.7	100.8	99.8	99.9	100.4	97.4	100.3
2004	266362	100.0	99.6	100.4	99.6	99.6	100.3	97.8	100.0
2005	262464	99.8	99.6	100.1	99.4	99.4	100.2	98.0	99.8
2006	270198	99.2	99.8	99.6	99.3	99.0	99.5	98.5	99.4
2007	270268	99.2	99.7	99.4	99.2	98.9	99.5	99.0	99.3
2008	289151	99.2	99.9	99.5	99.4	99.1	99.6	99.3	99.4
2009	284163	99.6	100.0	99.8	99.7	99.6	99.9	99.7	99.8
2010	271433	100.0	100.1	100.0	99.9	100.0	100.1	99.9	100.0

2011	269118	100.2	100.4	100.1	100.4	100.4	100.0	100.0	100.3
2012	273978	100.2	100.9	100.3	100.8	100.7	100.1	100.3	100.6
2013	284491	100.3	101.1	100.4	101.1	101.0	100.3	100.7	100.8
2014	284516	100.2	101.3	100.4	101.3	101.3	100.4	101.3	101.0
2015	262200	100.1	101.3	100.4	101.3	101.4	100.5	101.7	100.9
2016	25811	100.1	101.3	100.4	101.3	101.4	100.6	102.0	100.9

Tabel: 7 Holstein Friesian - zwartbont: Gebruikskenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	1287	98.4	82.6	100.2	104.8	107.2
1981	1593	98.5	87.1	99.3	103.7	106.5
1982	1829	98.5	89.6	99.1	103.3	105.6
1983	2664	98.5	91.9	98.9	103.2	105.7
1984	3987	98.7	93.5	98.8	102.9	105.5
1985	5721	99.0	95.0	98.7	102.8	105.3
1986	8888	99.1	96.0	98.5	102.5	105.0
1987	14467	99.1	96.5	98.2	102.2	104.4
1988	22941	99.0	96.8	98.0	101.7	103.9
1989	35024	99.5	96.9	97.7	101.1	103.3
1990	48379	99.4	96.9	97.6	101.0	103.1
1991	64780	99.2	96.1	97.1	100.1	102.1
1992	93280	98.9	96.6	97.2	99.9	102.0
1993	104762	98.8	96.9	97.4	100.0	101.9
1994	109922	99.1	97.4	97.2	99.7	101.6
1995	129292	99.1	97.1	97.0	99.2	100.8
1996	129786	99.3	96.9	97.2	99.4	100.5
1997	128554	99.0	96.9	97.6	99.6	100.6
1998	132186	99.0	96.7	97.4	99.1	100.0
1999	132135	99.0	97.2	97.6	99.1	100.0
2000	128540	99.1	97.6	97.8	99.2	99.8
2001	127749	99.3	98.1	97.7	98.8	99.4
2002	121469	99.5	98.2	97.8	98.8	99.1
2003	122502	99.5	98.4	98.1	99.1	99.4
2004	121506	99.2	98.1	98.4	99.2	99.6
2005	120754	99.3	98.6	98.4	99.0	99.4
2006	123593	99.6	99.1	99.0	99.4	99.7
2007	114970	99.7	99.5	99.1	99.4	99.7
2008	117090	99.9	99.8	99.4	99.5	99.8
2009	115725	99.8	99.7	99.7	99.8	100.0
2010	112958	100.0	100.0	100.0	100.0	100.0
2011	109804	100.2	100.2	100.7	100.6	100.3
2012	107432	100.2	100.2	101.2	101.1	100.6
2013	105997	100.2	100.4	101.6	101.4	100.8
2014	99455	100.0	100.5	102.4	102.1	101.2
2015	60488	99.5	100.8	103.0	102.6	101.6
2016	1303	99.1	100.9	103.4	103.0	101.7

Tabel: 8 Holstein Friesian - zwartbont: NVI met onderliggende kenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	2210	-198.4	-539.5	-174.7	107.0	109.3	89.8	88.2	97.8
1981	2730	-197.9	-526.3	-184.5	105.9	108.9	89.8	89.3	97.9
1982	3138	-192.1	-497.5	-198.8	105.2	108.1	90.6	90.3	97.8

1983	4748	-186.8	-479.7	-225.7	105.2	107.8	90.7	91.0	98.3
1984	7510	-192.0	-471.1	-297.2	104.9	107.7	90.6	91.0	98.1
1985	12030	-169.2	-462.6	-346.6	104.8	107.6	90.9	91.4	98.1
1986	19559	-171.6	-447.7	-386.1	104.4	107.2	91.1	91.8	97.9
1987	33673	-173.3	-428.4	-426.1	103.9	107.0	91.4	92.0	97.8
1988	60806	-175.7	-409.2	-451.9	103.3	106.4	91.4	92.0	97.9
1989	89994	-170.8	-387.6	-445.4	102.7	105.8	91.9	92.4	97.9
1990	115647	-164.4	-370.9	-427.1	102.4	105.7	92.2	92.3	98.0
1991	128628	-154.9	-333.8	-393.7	101.4	104.7	92.9	92.9	98.1
1992	149307	-146.5	-310.2	-363.0	101.2	104.3	93.3	93.2	98.3
1993	177703	-140.4	-292.3	-351.2	101.2	103.9	93.2	93.6	98.7
1994	191348	-133.6	-270.9	-331.5	100.9	103.5	93.3	94.0	98.9
1995	227795	-119.8	-235.9	-264.2	100.1	102.6	93.7	94.7	98.8
1996	230387	-109.1	-213.7	-225.1	100.1	102.3	94.0	94.9	98.8
1997	229834	-100.3	-193.1	-210.2	100.2	101.9	94.6	95.3	98.7
1998	239062	-100.3	-176.2	-215.4	99.6	101.3	94.6	95.5	98.7
1999	243838	-97.7	-161.8	-213.5	99.6	100.9	95.0	95.5	98.3
2000	234798	-88.5	-138.2	-185.0	99.4	100.4	95.2	95.7	98.7
2001	238584	-82.7	-127.7	-165.4	99.1	100.4	95.5	96.2	98.7
2002	225413	-73.5	-113.9	-138.7	98.8	100.4	95.9	96.6	98.9
2003	225882	-66.2	-104.3	-131.5	99.1	100.3	96.5	97.2	99.0
2004	224243	-55.2	-83.5	-101.7	99.3	100.0	97.1	97.5	99.1
2005	227536	-50.7	-73.1	-94.3	99.1	99.8	97.4	98.0	99.3
2006	243857	-40.3	-53.8	-74.3	99.5	99.4	98.0	98.3	99.5
2007	234317	-31.9	-37.9	-48.9	99.5	99.3	98.5	98.7	99.2
2008	244752	-24.0	-28.9	-33.0	99.6	99.4	98.9	99.1	99.5
2009	238912	-10.9	-15.8	-1.9	99.9	99.8	99.3	99.3	99.7
2010	234518	-0.3	0.1	13.4	100.0	100.0	99.8	99.6	99.8
2011	235091	14.9	16.8	49.5	100.5	100.3	100.3	99.7	100.1
2012	238262	28.6	26.3	80.1	100.9	100.6	101.1	100.2	100.4
2013	249971	43.3	40.8	116.9	101.2	100.8	101.5	100.7	100.8
2014	245189	64.4	62.0	158.4	101.8	101.0	102.3	101.6	101.4
2015	192810	82.3	85.1	189.2	102.2	100.9	102.9	102.3	101.8
2016	8414	99.5	107.9	221.0	102.5	100.9	103.6	103.1	102.4

Tabel: 9 Holstein Friesian - zwartbont: Klauwgezondheidskenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	87	95.5	96.4	97.7	96.2	96.9	98.6	99.9
1981	181	96.3	97.6	98.2	96.4	97.9	98.4	99.4
1982	237	96.3	97.5	98.3	96.6	97.7	98.5	99.0
1983	261	97.1	97.3	98.8	98.0	97.8	99.1	99.0
1984	330	96.6	96.3	98.7	98.0	97.0	99.1	99.4
1985	519	97.5	97.0	99.0	98.4	98.2	100.0	99.5
1986	1242	97.5	96.7	99.3	98.5	97.9	100.4	99.2
1987	2615	97.2	96.5	99.2	98.1	98.0	100.0	99.5
1988	5210	97.7	96.4	99.8	99.1	97.5	100.1	99.4
1989	10117	98.5	96.6	100.5	100.0	97.5	100.7	99.3
1990	16738	98.7	96.6	100.7	100.3	97.3	100.6	99.2
1991	20897	99.4	97.1	101.1	100.7	98.0	100.6	100.0
1992	26587	99.4	97.2	101.1	100.7	97.8	100.7	100.0
1993	34795	98.6	96.9	100.4	99.9	97.4	100.4	99.8
1994	40533	98.5	96.9	100.8	99.4	97.5	100.3	99.1
1995	80019	98.7	98.0	100.6	99.2	98.2	99.6	99.1
1996	66035	99.1	98.5	100.8	99.4	98.5	99.7	99.3
1997	91385	99.0	98.6	100.7	99.4	98.1	99.5	99.0
1998	109386	99.0	98.3	100.8	99.6	97.8	99.4	98.6
1999	114769	98.8	98.3	100.7	99.5	97.5	99.4	98.5
2000	114949	98.8	98.7	100.7	99.1	97.9	99.4	98.6

2001	116206	98.9	98.9	100.6	99.1	98.0	99.6	98.5
2002	116047	99.1	99.2	100.6	99.2	98.0	99.7	98.4
2003	122968	99.0	99.0	100.4	99.4	97.9	99.4	98.5
2004	123086	99.0	98.7	100.5	99.6	98.0	99.3	98.4
2005	121122	99.2	98.5	100.7	99.8	98.2	99.6	98.5
2006	126664	99.5	99.2	100.5	99.9	98.6	100.0	98.7
2007	120152	99.7	99.6	100.2	100.0	99.1	100.0	99.1
2008	122890	99.8	99.8	100.1	100.0	99.3	99.9	99.4
2009	122703	100.0	100.0	100.2	100.1	99.7	100.0	99.9
2010	119832	100.1	100.1	100.0	100.1	100.1	100.0	100.1
2011	116729	100.6	100.6	100.1	100.5	100.6	99.9	100.6
2012	113973	101.1	100.9	100.3	100.9	101.0	100.1	100.9
2013	114574	101.3	100.9	100.6	101.0	101.0	100.2	100.9
2014	108850	101.9	101.3	100.9	101.5	101.5	100.8	101.2
2015	64375	102.3	101.7	101.0	101.7	101.9	101.0	101.4
2016	1230	102.6	102.0	101.2	101.8	102.4	101.0	101.7

Tabel: 10 Holstein Friesian - zwartbont: Levensvatbaarheidskenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1121	98.4	98.5	98.4	98.5	97.6	98.9
1981	1470	97.9	98.8	97.9	98.8	97.7	99.3
1982	1907	97.5	99.2	97.5	99.2	97.2	99.4
1983	3090	98.1	99.2	98.1	99.2	97.7	99.7
1984	4986	97.9	99.1	97.9	99.1	97.7	99.4
1985	7868	97.9	99.1	97.9	99.1	97.6	99.6
1986	12834	97.8	98.9	97.8	98.9	97.6	99.5
1987	22121	97.6	98.9	97.6	98.9	97.6	99.5
1988	37583	97.6	99.1	97.6	99.1	97.7	99.6
1989	58823	97.7	99.1	97.7	99.1	97.9	99.6
1990	88375	97.9	99.1	97.9	99.1	98.0	99.6
1991	118513	98.2	99.2	98.2	99.2	98.3	99.6
1992	146132	98.3	99.3	98.3	99.3	98.3	99.7
1993	211295	98.9	99.5	98.9	99.5	98.6	100.0
1994	244291	99.2	99.4	99.2	99.4	98.8	99.8
1995	307782	99.6	99.2	99.6	99.2	98.9	99.5
1996	317518	99.6	99.2	99.6	99.2	98.9	99.6
1997	325547	99.4	99.2	99.4	99.2	98.5	99.5
1998	341699	99.7	99.0	99.7	99.0	98.8	99.2
1999	345968	99.2	98.9	99.2	98.9	98.3	99.2
2000	338754	99.3	99.2	99.3	99.2	98.4	99.5
2001	331956	99.5	99.1	99.5	99.1	98.5	99.7
2002	327568	100.0	99.0	100.0	99.0	99.3	99.7
2003	327639	99.8	99.2	99.8	99.2	99.3	99.7
2004	317944	100.0	99.2	100.0	99.2	99.4	99.7
2005	303434	100.0	99.4	100.0	99.4	99.3	100.0
2006	301981	100.2	99.5	100.2	99.5	99.5	99.8
2007	299907	100.0	99.2	100.0	99.2	99.5	99.8
2008	325677	99.8	99.6	99.8	99.6	99.7	99.9
2009	327278	99.9	99.8	99.9	99.8	100.0	100.1
2010	311983	100.1	99.8	100.1	99.8	100.4	99.9
2011	301697	100.3	100.0	100.3	100.0	100.9	99.9
2012	306792	100.6	100.1	100.6	100.1	101.3	100.0
2013	318721	100.7	100.4	100.7	100.4	101.5	100.4
2014	327187	101.3	100.7	101.3	100.7	102.0	100.8
2015	331119	101.4	101.0	101.4	101.0	102.0	100.9
2016	315474	101.7	101.5	101.7	101.5	102.2	101.3
2017	273981	101.9	102.0	101.9	102.0	102.4	101.6
2018	32203	102.0	102.1	102.0	102.1	102.6	101.7

Tabel: 11 Holstein Friesian - zwartbont: Geboortekenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1344	99.5	104.1	99.7	82.0	82.7	82.2
1981	1709	100.1	103.8	99.4	84.0	86.2	86.5
1982	1960	99.1	104.1	100.5	86.9	87.7	88.2
1983	3373	99.6	104.4	100.0	91.0	92.1	92.9
1984	5098	99.1	104.6	100.6	92.9	94.2	95.2
1985	7400	99.7	104.6	100.1	95.1	97.0	97.5
1986	11905	99.5	104.7	100.3	96.3	98.4	98.8
1987	19016	99.8	104.4	99.9	97.1	99.2	99.7
1988	30716	99.8	104.2	99.9	97.3	99.5	100.1
1989	43266	99.7	103.7	99.9	97.1	99.5	99.9
1990	57445	99.7	103.3	99.9	97.1	99.5	99.8
1991	71723	99.6	102.7	99.9	97.1	99.3	99.8
1992	84827	99.4	102.5	100.1	97.2	99.5	100.2
1993	95359	99.5	102.6	100.1	97.2	99.7	100.2
1994	106499	99.1	103.0	100.5	97.4	99.6	100.1
1995	125585	98.9	102.7	100.9	97.2	99.4	99.8
1996	128295	98.9	102.5	100.9	96.8	99.4	99.6
1997	124349	99.0	102.3	100.8	97.0	99.2	99.2
1998	129179	98.9	102.3	100.9	96.7	99.3	99.4
1999	131662	98.5	102.2	101.4	96.9	99.5	99.5
2000	130488	98.4	102.3	101.5	97.3	99.7	99.6
2001	131446	98.2	102.4	101.7	97.3	99.6	99.3
2002	126052	98.6	102.1	101.3	97.2	99.6	99.3
2003	130975	98.8	102.0	101.0	97.5	99.6	99.3
2004	132988	98.6	102.0	101.3	97.8	99.4	99.6
2005	139601	98.5	101.8	101.3	98.5	99.7	99.6
2006	146914	98.9	101.5	101.0	98.8	99.7	99.8
2007	163684	99.0	101.2	100.9	99.0	100.0	99.8
2008	177097	98.9	101.1	101.0	99.3	100.1	99.9
2009	186297	98.9	101.0	101.0	99.6	100.2	99.9
2010	170694	99.1	100.9	100.9	99.7	100.3	99.9
2011	155764	99.7	100.5	100.3	100.2	100.4	99.7
2012	151411	100.1	100.3	100.0	100.6	100.7	99.7
2013	149964	100.4	100.1	99.7	101.0	101.0	99.7
2014	147355	100.6	100.0	99.6	101.4	101.3	99.9
2015	132875	100.7	100.0	99.6	101.6	101.6	99.8
2016	97975	100.9	99.9	99.5	101.8	101.5	99.7
2017	78295	101.0	99.8	99.3	102.1	101.8	99.6
2018	10376	101.3	99.4	99.0	102.2	102.1	99.5

Tabel: 12 Holstein Friesian - zwartbont: Vleeskenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	14	104.4	113.3	92.8	101.8	108.4	96.7	103.0	100.6	107.8	99.6	95.1
1981	29	103.8	108.5	95.3	100.4	107.8	97.2	104.2	97.4	105.6	98.7	96.9
1982	30	103.5	107.3	96.3	100.3	105.4	97.6	103.4	99.5	104.7	98.6	100.2
1983	35	104.0	109.6	94.9	101.5	107.0	96.2	103.9	98.3	105.9	97.6	102.1
1984	54	103.3	108.1	96.2	100.7	105.6	97.6	103.2	98.6	105.7	97.5	101.5
1985	98	103.4	109.0	95.5	100.9	106.2	97.2	103.1	98.0	106.6	97.7	102.6
1986	136	103.3	108.7	95.7	100.8	106.2	97.3	103.2	97.8	106.1	97.8	102.1

1987	218	103.1	107.7	96.6	100.1	106.0	97.3	103.0	98.1	105.4	97.9	101.2
1988	386	103.1	107.3	96.9	99.9	106.0	97.5	102.8	98.5	105.5	98.0	101.1
1989	574	102.7	106.7	97.3	99.8	105.5	97.6	102.6	98.4	105.1	97.9	101.1
1990	820	102.7	105.9	97.4	99.4	105.5	97.2	102.6	98.4	104.6	97.8	100.5
1991	1115	102.5	105.3	98.2	99.8	104.5	97.8	102.5	98.7	104.0	98.2	101.0
1992	1405	102.4	104.9	98.6	99.8	104.1	98.1	102.5	98.7	103.6	98.6	101.0
1993	1697	102.2	104.6	98.9	99.5	103.8	98.4	102.1	99.1	103.8	98.6	101.0
1994	1877	102.2	103.7	99.1	99.1	103.6	98.4	101.9	99.4	103.5	98.6	100.9
1995	2378	101.6	103.4	99.0	98.9	103.0	98.7	101.3	99.6	103.3	98.4	100.7
1996	2439	101.4	103.0	99.4	98.9	102.8	98.6	101.2	99.4	102.9	98.7	100.4
1997	2609	101.3	102.5	99.6	98.8	102.5	98.6	101.1	99.6	102.6	98.8	100.3
1998	2551	101.5	102.3	99.8	99.0	102.6	98.6	101.2	99.9	102.7	98.7	100.6
1999	2760	101.3	102.2	100.1	99.2	102.1	98.9	100.9	100.1	102.5	99.0	100.7
2000	2601	101.1	101.8	100.0	99.0	101.7	99.2	100.7	100.2	102.1	99.1	100.7
2001	2593	100.8	101.9	99.9	99.2	101.4	99.6	100.3	100.3	102.1	99.2	100.8
2002	2638	100.5	101.3	100.3	98.9	101.3	99.7	100.0	100.3	101.8	99.2	100.6
2003	2614	100.5	100.9	100.4	99.0	101.0	99.7	100.1	100.3	101.4	99.6	100.5
2004	2506	100.6	100.7	100.3	99.0	101.0	99.6	100.3	100.2	101.4	99.4	100.5
2005	2385	100.5	100.4	100.5	99.2	100.6	100.0	100.1	100.4	101.1	99.8	100.3
2006	2376	100.3	100.5	100.4	99.6	100.4	100.2	99.9	100.4	101.0	99.9	100.2
2007	2123	100.1	100.3	100.4	99.6	100.2	100.3	99.9	100.3	100.7	99.9	100.2
2008	2036	100.1	100.2	100.4	99.8	100.1	100.3	99.9	100.3	100.7	100.0	100.3
2009	1860	100.0	100.2	100.1	99.9	99.9	100.3	99.9	100.1	100.4	100.1	100.1
2010	1350	100.1	100.4	99.7	99.9	100.0	99.9	100.1	100.1	100.6	99.7	100.2
2011	928	100.4	100.3	99.5	100.2	100.2	99.5	100.6	99.8	100.5	99.3	100.4
2012	469	100.0	99.9	99.9	100.1	99.8	99.6	100.5	99.3	100.0	99.6	100.0
2013	396	100.2	99.6	99.9	100.0	99.8	99.2	101.0	99.0	99.7	99.6	100.0
2014	326	99.9	99.3	100.1	99.9	99.5	99.4	101.0	98.4	99.2	99.8	99.9
2015	355	100.0	99.2	100.2	99.6	99.6	99.1	101.0	98.5	99.2	99.6	99.9
2016	358	99.7	98.8	100.3	99.3	99.4	99.0	100.9	98.1	99.1	99.5	99.5
2017	425	99.8	99.0	100.3	99.6	99.4	99.1	101.0	98.4	99.0	99.8	99.7
2018	43	100.3	99.0	100.3	100.0	99.6	98.8	101.6	98.7	99.0	99.7	100.2

Tabel: 13 Holstein Friesian - zwartbont: Kalvervitaliteit
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1150	97.7	99.2	98.5
1981	1496	98.7	100.0	99.0
1982	1931	98.3	99.8	98.2
1983	3123	98.8	100.1	98.4
1984	5082	98.6	99.9	98.1
1985	8062	98.4	99.9	98.0
1986	13087	98.2	99.6	97.9
1987	22597	98.4	99.7	98.1
1988	38616	98.5	99.9	98.2
1989	60566	98.2	99.7	98.1
1990	90999	98.3	99.7	98.4
1991	118673	98.6	100.0	98.2
1992	143792	98.7	100.2	98.3
1993	221382	99.0	100.6	98.4
1994	296049	99.2	100.6	98.8
1995	331645	99.6	100.8	98.9
1996	341515	99.7	100.8	98.9
1997	352325	99.9	100.7	99.2
1998	368095	100.0	100.7	99.4
1999	367677	99.9	100.5	99.4
2000	358166	100.1	100.5	99.5
2001	350014	100.1	100.5	99.8
2002	347234	100.0	100.4	99.8

2003	347365	100.1	100.4	99.9
2004	335727	100.5	100.8	100.1
2005	318931	100.5	100.6	100.2
2006	316286	100.1	100.1	100.1
2007	314709	99.9	99.9	100.1
2008	342629	99.9	99.9	99.9
2009	344283	100.0	100.0	100.0
2010	327383	100.0	100.1	99.9
2011	316602	100.2	100.3	100.0
2012	322305	100.2	100.3	100.0
2013	334498	100.4	100.5	100.0
2014	345023	100.3	100.4	99.8
2015	356699	100.3	100.2	99.8
2016	350012	100.6	100.3	99.9
2017	304801	100.6	100.3	99.8
2018	29535	100.5	100.2	99.8

Tabel: 14 Holstein Friesian - zwartbont: Levensproductiekenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	239644	-1641.6	-7509.2	-251.5	-246.5
2002	226669	-1434.3	-6482.3	-221.3	-214.9
2003	227177	-1355.6	-6212.8	-204.3	-205.3
2004	225695	-1111.4	-5248.4	-165.1	-169.1
2005	229082	-1033.5	-4914.8	-154.0	-156.8
2006	245681	-845.0	-4084.1	-128.0	-126.9
2007	236332	-631.4	-3159.9	-95.5	-94.5
2008	247336	-495.8	-2587.1	-74.0	-74.4
2009	241807	-246.2	-1578.3	-32.3	-38.2
2010	237722	-87.5	-996.4	-4.3	-15.8
2011	238551	212.2	176.9	47.6	26.8
2012	241703	456.0	1130.6	88.0	62.4
2013	253567	761.0	2315.7	141.7	105.3
2014	248454	1130.2	3844.1	205.6	157.5
2015	183276	1410.1	4916.8	255.9	196.4
2016	7976	1712.9	6063.9	309.6	238.9

Tabel: 15 Holstein Friesian - zwartbont: Robot / AMS kenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1980	239	97.5	97.6	102.3
1981	372	98.7	97.2	102.0
1982	415	99.4	97.2	102.0
1983	459	98.7	97.5	102.0
1984	630	98.2	96.2	102.3
1985	745	98.7	95.9	102.2
1986	1238	98.8	96.1	102.2
1987	2048	98.8	94.9	102.3
1988	3220	98.7	94.8	102.4
1989	4608	99.0	94.8	102.5
1990	6468	98.8	94.9	102.6
1991	7804	99.1	95.7	101.4
1992	9700	99.0	95.9	101.3
1993	11822	99.0	96.1	101.4

1994	12809	99.2	95.8	101.6
1995	16531	99.4	96.4	100.9
1996	18180	99.7	96.8	101.1
1997	19780	99.5	96.8	101.0
1998	21709	99.6	97.0	100.9
1999	22843	99.7	96.9	101.0
2000	24431	100.0	97.3	100.9
2001	27158	100.2	97.3	100.7
2002	28376	100.4	97.6	100.1
2003	31637	100.3	97.4	100.4
2004	34930	100.0	97.8	100.4
2005	37090	100.0	98.0	100.8
2006	42272	100.1	98.6	100.5
2007	44823	100.1	99.1	100.4
2008	51443	100.1	99.3	100.4
2009	60196	99.9	99.6	100.3
2010	66531	99.9	100.1	100.1
2011	67886	99.8	101.0	99.8
2012	68701	99.6	101.8	99.9
2013	73078	99.4	102.7	100.1
2014	72414	98.9	103.5	100.1
2015	61426	98.3	103.5	100.1
2016	5225	98.0	103.3	100.1

Tabel: 16 Holstein Friesian - zwartbont: Overige productie en efficiency kenm.
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	2231	97.4	101.5	56	-4.3	0	0.0
1981	2765	96.7	101.6	90	-3.7	0	0.0
1982	3166	97.0	101.8	126	-3.6	0	0.0
1983	4773	96.9	101.8	110	-3.4	0	0.0
1984	7531	96.7	101.4	100	-3.6	0	0.0
1985	12048	96.4	101.5	11885	-4.7	0	0.0
1986	19570	96.4	101.7	17547	-4.5	0	0.0
1987	33695	96.8	101.3	26593	-4.1	0	0.0
1988	60821	97.1	101.1	40500	-3.7	0	0.0
1989	90005	97.4	100.9	55312	-3.5	0	0.0
1990	115659	97.5	100.6	70573	-3.4	0	0.0
1991	128633	97.7	101.1	79387	-3.0	0	0.0
1992	149315	97.6	100.9	94184	-2.8	0	0.0
1993	177713	97.7	100.6	106168	-2.7	0	0.0
1994	191357	98.1	100.1	111167	-2.5	0	0.0
1995	227807	98.2	100.4	131452	-2.3	0	0.0
1996	230408	98.8	100.4	132698	-2.1	0	0.0
1997	229856	98.8	100.2	131811	-1.9	0	0.0
1998	239089	98.9	99.9	136006	-1.8	0	0.0
1999	243868	98.6	99.6	136972	-1.7	0	0.0
2000	234850	99.0	99.4	132385	-1.4	0	0.0
2001	238644	98.9	99.2	131462	-1.4	131295	95.7
2002	225488	99.2	99.1	124927	-1.2	124784	95.9
2003	225960	99.2	99.0	126401	-1.1	126262	96.4
2004	224286	99.4	99.2	125652	-0.9	125490	96.6
2005	227574	99.5	99.2	126195	-0.8	125962	97.1
2006	243907	99.8	99.4	130364	-0.5	129956	98.2
2007	234353	100.2	99.6	122352	-0.3	121755	98.8
2008	244803	100.4	99.6	125168	-0.2	124327	99.2
2009	238970	100.5	100.1	124183	-0.1	123032	99.6
2010	234578	100.7	100.1	122118	0.1	120397	100.0
2011	235119	101.0	100.6	119646	0.3	117339	100.7

2012	238283	101.3	100.9	118188	0.4	115453	101.3
2013	249980	101.6	101.2	118680	0.5	115309	101.4
2014	245189	102.1	101.5	114199	0.8	109322	101.9
2015	192810	102.2	101.4	81503	0.9	66545	102.2
2016	8414	102.3	101.4	33425	1.0	1401	102.6
2017	0	0.0	0.0	40097	1.2	0	0.0
2018	0	0.0	0.0	4575	1.4	0	0.0

Tabel: 17 Holstein Friesian - roodbont: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	36	-2014.1	-72.5	-78.0	-97.0	29.5	-8.6	-8.5	-514.4
1981	56	-1922.6	-73.4	-77.0	-92.1	21.2	-12.2	-7.5	-508.8
1982	85	-1896.6	-69.9	-74.8	-87.9	24.8	-10.3	-2.5	-481.5
1983	110	-1888.9	-72.5	-76.1	-87.4	20.8	-12.5	-2.1	-488.2
1984	246	-1795.7	-66.7	-73.7	-82.9	22.9	-13.6	-1.8	-463.6
1985	401	-1905.9	-69.9	-75.0	-87.0	25.9	-9.7	-0.3	-477.4
1986	675	-1773.6	-65.1	-70.9	-81.1	23.9	-10.4	-0.4	-449.0
1987	1187	-1724.9	-63.5	-69.2	-78.7	22.7	-10.5	-0.3	-439.8
1988	2351	-1703.1	-60.7	-67.4	-77.9	25.7	-8.7	-0.5	-426.7
1989	3519	-1638.1	-58.6	-65.0	-74.9	24.8	-8.2	-0.5	-412.0
1990	4729	-1628.2	-59.3	-64.3	-74.4	22.9	-7.8	-0.5	-410.7
1991	6314	-1523.5	-56.8	-60.7	-69.6	19.1	-8.0	-0.4	-388.8
1992	8232	-1487.6	-57.0	-59.5	-67.9	16.1	-8.1	-0.4	-383.9
1993	9748	-1396.5	-56.7	-56.9	-63.8	10.2	-9.1	-0.3	-371.7
1994	11840	-1307.5	-46.1	-51.3	-59.7	19.7	-5.4	-0.3	-324.9
1995	13196	-1279.7	-43.9	-49.9	-58.4	21.1	-4.9	-0.3	-314.2
1996	14882	-1152.3	-39.6	-45.6	-52.6	18.7	-5.1	-0.2	-285.7
1997	16237	-1069.2	-36.8	-42.5	-48.8	17.3	-5.0	-0.3	-266.3
1998	22485	-1028.8	-31.8	-38.9	-47.0	21.6	-1.9	-0.2	-240.2
1999	25386	-945.3	-28.2	-36.1	-43.2	21.0	-2.3	-0.2	-220.2
2000	31070	-767.4	-25.6	-31.4	-35.2	13.4	-4.4	-0.3	-193.0
2001	35131	-669.8	-23.2	-27.3	-31.6	10.6	-3.7	-1.3	-170.3
2002	36175	-532.6	-17.8	-23.4	-25.8	9.4	-4.9	-1.9	-140.9
2003	37902	-467.6	-14.4	-20.4	-23.7	9.8	-4.0	-3.0	-120.9
2004	39033	-371.0	-8.7	-16.4	-19.0	11.4	-3.2	-2.7	-91.1
2005	42590	-287.0	-5.6	-12.7	-15.2	10.7	-2.2	-2.8	-68.1
2006	45072	-207.5	-5.8	-10.1	-10.9	5.9	-2.6	-1.9	-56.8
2007	45101	-138.8	-3.0	-7.6	-8.0	5.5	-2.4	-2.1	-39.6
2008	49231	-81.1	-1.9	-4.7	-5.0	3.6	-1.5	-1.6	-24.6
2009	49754	-77.5	-4.0	-4.5	-3.7	0.5	-1.4	-0.2	-27.9
2010	50464	8.6	-0.1	-0.6	-0.0	0.7	-0.4	-0.5	-2.5
2011	50884	84.4	3.7	2.4	3.6	1.1	-0.1	-0.3	18.9
2012	52272	135.5	6.0	4.4	6.1	1.1	0.0	-0.1	32.4
2013	53939	173.1	7.4	6.4	7.6	0.7	0.8	-0.4	44.0
2014	52271	238.6	9.4	8.9	10.6	-0.3	1.1	-0.4	59.7
2015	38799	285.9	11.1	11.3	13.1	-1.0	1.8	0.1	73.6
2016	1347	346.0	12.9	13.4	16.0	-2.2	1.6	0.3	86.9

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 18 Holstein Friesian - roodbont: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	36	88.5	95.1	90.4	89.3	100.7	96.7	94.2

1981	60	89.3	95.3	90.2	90.1	100.3	96.8	95.4
1982	86	89.5	95.7	91.5	91.0	99.9	95.7	95.2
1983	109	90.4	95.6	91.8	91.7	99.7	95.9	94.9
1984	228	90.4	95.3	92.7	92.4	99.4	95.1	94.8
1985	339	90.2	95.5	92.1	92.1	99.9	95.0	94.8
1986	582	90.5	95.4	92.6	92.6	99.9	94.9	94.7
1987	905	90.4	95.9	92.8	92.9	100.2	95.2	95.3
1988	1478	90.5	95.9	93.1	92.9	100.3	95.3	95.4
1989	1941	90.8	96.2	93.2	93.1	100.2	95.4	95.6
1990	2627	90.9	96.2	93.3	93.1	100.3	95.5	95.8
1991	3671	91.8	96.1	93.7	93.7	99.9	95.6	96.5
1992	4828	91.8	96.1	93.4	93.5	100.0	95.7	96.7
1993	5198	92.4	96.1	93.5	93.8	99.7	95.7	96.8
1994	6488	92.8	98.3	95.9	95.2	100.8	96.4	98.4
1995	7157	93.1	98.4	96.4	95.9	100.3	96.4	98.3
1996	8308	93.5	98.4	96.9	96.2	100.1	96.5	99.0
1997	9703	93.9	99.0	97.5	96.7	100.6	97.1	98.8
1998	13481	94.4	99.4	97.9	96.9	100.6	97.1	98.6
1999	15494	94.7	99.4	97.7	96.9	100.6	97.0	98.6
2000	19294	95.6	99.0	97.3	96.7	100.3	97.6	98.7
2001	21177	96.0	99.4	97.7	97.2	100.3	98.0	98.6
2002	22027	96.8	99.7	98.4	98.2	100.0	97.7	98.7
2003	23076	97.5	100.1	99.0	98.8	100.0	98.3	98.7
2004	24205	97.7	100.4	99.4	99.2	99.9	98.7	99.1
2005	26356	98.0	100.2	99.4	99.2	99.4	99.0	99.4
2006	27160	98.3	100.5	99.4	99.4	99.6	99.1	99.4
2007	27027	98.6	100.5	99.8	99.9	99.4	99.6	99.4
2008	29071	99.2	100.2	99.6	99.8	99.5	99.5	99.5
2009	29694	100.1	100.6	99.9	99.8	100.0	99.7	99.7
2010	30082	100.4	100.3	99.9	100.0	99.6	99.6	99.9
2011	29463	100.6	100.3	100.2	100.3	99.5	99.7	100.0
2012	29250	100.5	100.4	100.1	100.3	99.6	99.8	100.1
2013	28342	100.7	100.4	100.2	100.5	99.6	99.7	100.2
2014	26081	101.2	100.5	100.5	101.0	99.6	99.7	100.4
2015	15014	101.8	100.6	100.8	101.2	99.6	100.0	100.5
2016	266	102.7	100.6	101.6	102.1	99.2	100.3	100.9

Tabel: 19 Holstein Friesian - roodbont: Exterieurkenmerken beenwerk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	36	91.6	100.7	91.6	88.8
1981	60	92.5	100.1	92.5	88.8
1982	86	93.4	100.7	93.1	89.8
1983	109	93.5	100.8	93.2	90.4
1984	228	93.3	101.1	93.8	89.6
1985	339	93.3	100.9	93.7	89.9
1986	582	93.3	101.6	94.0	90.0
1987	905	93.8	101.8	94.2	90.7
1988	1478	94.3	101.4	94.5	91.2
1989	1941	94.5	101.8	94.6	91.5
1990	2627	94.7	101.8	94.7	91.6
1991	3671	94.7	102.3	94.8	91.6
1992	4828	94.9	102.2	94.8	91.9
1993	5198	95.0	102.8	94.3	92.0
1994	6488	93.8	102.7	93.6	91.6
1995	7157	94.1	102.9	93.8	92.0
1996	8308	95.1	103.4	94.0	92.9
1997	9703	96.0	103.9	93.8	93.9
1998	13481	95.9	104.2	93.7	94.0

1999	15494	96.4	103.6	94.1	94.5
2000	19294	97.3	103.2	95.2	95.5
2001	21177	97.2	103.2	95.7	95.5
2002	22027	97.5	102.8	96.5	95.7
2003	23076	97.6	102.5	96.7	96.2
2004	24205	97.9	102.8	96.7	96.7
2005	26356	98.1	102.7	96.3	97.3
2006	27160	98.8	102.0	97.0	98.0
2007	27027	98.9	101.5	97.5	98.2
2008	29071	98.7	101.1	98.0	98.2
2009	29694	99.4	100.7	99.0	99.1
2010	30082	100.2	100.2	99.7	99.8
2011	29463	101.2	100.4	99.8	100.9
2012	29250	101.5	100.4	100.0	101.4
2013	28342	101.8	100.3	100.3	101.9
2014	26081	102.2	100.1	100.6	102.3
2015	15014	102.5	100.0	100.9	102.7
2016	266	102.8	100.2	100.7	103.0

Tabel: 20 Holstein Friesian - roodbont: Exterieurkenmerken uier
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	36	94.6	90.3	102.5	96.4	89.4	93.2	91.8
1981	60	93.9	90.8	100.6	96.6	89.1	92.4	91.5
1982	86	94.1	91.0	101.1	96.0	89.1	92.6	92.3
1983	109	94.6	90.3	101.5	96.0	90.1	92.9	92.1
1984	228	94.9	91.0	101.6	96.3	91.2	93.5	92.7
1985	339	95.6	91.1	101.4	97.0	91.2	93.9	92.7
1986	582	95.9	91.5	101.4	96.9	92.1	94.1	93.4
1987	905	95.3	91.5	101.6	96.2	92.2	94.0	93.3
1988	1478	95.4	91.7	101.9	96.1	92.7	93.9	93.3
1989	1941	95.2	91.8	102.1	96.1	92.8	93.7	93.2
1990	2627	95.3	92.0	102.1	96.0	92.9	93.9	93.4
1991	3671	95.6	91.8	102.1	96.3	93.4	93.7	93.5
1992	4828	95.7	92.1	101.9	96.5	93.3	94.0	93.8
1993	5198	95.7	92.3	102.0	96.7	93.8	94.4	94.0
1994	6488	95.4	93.7	101.3	95.3	92.5	95.1	95.1
1995	7157	95.6	93.7	101.6	95.2	92.9	95.1	95.0
1996	8308	95.4	94.0	101.4	95.1	93.2	95.2	95.2
1997	9703	95.9	94.4	100.9	95.3	93.8	95.7	95.1
1998	13481	95.6	94.9	100.9	95.0	94.2	96.0	95.9
1999	15494	95.8	95.6	100.7	95.5	95.4	97.1	96.8
2000	19294	96.7	96.2	101.0	96.6	96.0	98.1	97.8
2001	21177	96.9	96.1	100.9	96.6	96.0	97.4	97.2
2002	22027	97.4	96.4	100.7	96.9	96.6	97.7	97.5
2003	23076	98.1	96.9	100.4	97.6	97.2	97.9	97.7
2004	24205	98.1	97.4	100.6	97.3	97.5	98.4	98.5
2005	26356	98.1	97.7	101.2	97.5	97.9	98.7	98.8
2006	27160	98.9	98.1	101.1	98.1	98.2	98.6	98.9
2007	27027	99.1	98.6	100.8	98.4	98.9	99.0	99.3
2008	29071	99.3	98.8	100.5	98.9	99.1	99.2	99.6
2009	29694	99.9	99.2	100.2	100.0	99.5	99.6	100.0
2010	30082	100.3	99.6	100.0	100.3	100.1	99.8	100.3
2011	29463	100.8	100.0	100.0	100.6	100.6	100.3	100.9
2012	29250	101.3	100.0	100.3	100.9	100.9	100.5	101.1
2013	28342	102.0	100.4	100.5	101.5	101.2	100.8	101.5
2014	26081	102.6	100.6	100.7	102.1	101.8	100.9	101.5
2015	15014	103.2	101.0	100.7	102.9	102.5	101.2	101.7
2016	266	103.8	101.5	100.9	103.6	103.1	101.7	102.0

Tabel: 21 Holstein Friesian - roodbont: Exterieurkenmerken bovenbalk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	36	90.4	90.4	91.8	87.6	0.0	84.8
1981	60	91.0	90.8	91.4	88.0	0.0	85.0
1982	86	91.0	91.7	91.3	89.1	0.0	85.6
1983	109	90.9	91.9	91.9	89.6	0.0	86.2
1984	228	90.6	92.4	92.6	88.9	0.0	86.3
1985	339	90.5	92.4	93.1	89.0	0.0	86.6
1986	582	90.6	92.8	93.5	89.1	0.0	86.9
1987	905	91.2	93.5	93.0	89.9	0.0	87.4
1988	1478	91.4	93.7	93.3	90.6	0.0	87.9
1989	1941	91.7	93.9	93.2	90.8	0.0	88.2
1990	2627	91.9	94.0	93.3	90.9	0.0	88.3
1991	3671	92.4	94.3	93.6	91.0	0.0	88.7
1992	4828	92.4	94.2	93.8	91.2	0.0	88.9
1993	5198	92.5	94.2	94.1	91.2	0.0	89.1
1994	6488	95.3	97.0	93.0	90.7	0.0	89.5
1995	7157	95.4	97.2	93.2	91.1	0.0	89.9
1996	8308	96.0	97.6	93.3	92.0	0.0	90.7
1997	9703	96.6	98.3	93.9	92.8	0.0	91.7
1998	13481	96.8	98.4	93.8	92.9	0.0	91.7
1999	15494	96.7	98.4	94.7	93.5	0.0	92.5
2000	19294	96.7	98.2	95.7	94.8	0.0	93.7
2001	21177	97.1	98.5	95.7	94.8	0.0	93.9
2002	22027	97.4	99.0	96.2	95.2	0.0	94.5
2003	23076	98.0	99.5	97.0	95.6	0.0	95.4
2004	24205	98.6	99.7	97.0	96.1	0.0	95.9
2005	26356	98.9	99.4	97.3	96.5	0.0	96.3
2006	27160	99.1	99.7	97.8	97.3	0.0	97.1
2007	27027	99.4	100.0	98.4	97.6	0.0	97.7
2008	29071	99.2	99.9	98.7	97.6	0.0	97.8
2009	29694	99.7	100.3	99.5	98.6	0.0	99.0
2010	30082	99.7	100.2	100.0	99.4	0.0	99.7
2011	29463	99.8	100.4	100.5	100.5	0.0	100.6
2012	29250	99.9	100.5	100.9	101.0	0.0	101.1
2013	28342	99.9	100.6	101.5	101.5	0.0	101.7
2014	26081	100.2	101.0	102.2	102.0	0.0	102.5
2015	15014	100.5	101.2	103.0	102.4	0.0	103.2
2016	266	101.2	101.5	103.9	102.7	0.0	104.1

Tabel: 22 Holstein Friesian - roodbont: Vruchtbaarheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	42	101.7	107.3	108.7	107.6	103.6	101.7	89.3	108.4
1981	72	102.2	107.0	109.2	107.4	104.1	102.1	90.6	108.5
1982	114	102.0	106.7	108.4	107.0	103.6	101.6	89.9	108.0
1983	147	101.6	106.1	107.3	106.1	103.2	101.1	91.1	107.0
1984	317	101.2	105.5	106.6	105.4	102.6	100.8	90.9	106.2
1985	501	102.2	105.9	107.6	106.3	103.8	101.9	90.4	107.2
1986	889	101.8	105.5	106.9	105.8	103.3	101.5	91.1	106.6
1987	1523	102.1	105.6	106.9	105.9	103.5	101.5	90.9	106.7
1988	2735	102.2	105.2	106.5	105.5	103.3	101.6	90.8	106.2

1989	4027	102.0	105.0	106.3	105.2	103.0	101.5	90.8	106.0
1990	5432	101.8	105.0	106.1	105.0	102.8	101.5	90.9	105.8
1991	7414	102.1	104.4	105.8	104.6	102.8	101.7	92.1	105.5
1992	9715	102.1	104.4	105.7	104.6	102.8	101.6	92.3	105.4
1993	11085	102.5	103.8	105.6	104.2	102.9	101.6	92.4	105.1
1994	13940	101.9	103.4	104.8	103.6	102.2	101.4	93.2	104.4
1995	15314	101.6	103.3	104.3	103.2	101.8	101.1	93.3	104.0
1996	17454	101.1	102.6	103.5	102.2	101.0	100.6	93.5	103.0
1997	19121	100.3	102.8	103.0	102.0	100.6	100.6	94.0	102.7
1998	26618	100.5	102.4	102.8	101.8	100.5	100.7	94.3	102.5
1999	29420	100.4	102.2	102.5	101.6	100.4	100.5	94.8	102.2
2000	35105	101.1	101.2	102.4	101.1	100.7	100.7	94.9	101.9
2001	39658	100.6	101.2	102.1	100.9	100.5	100.4	95.5	101.6
2002	42155	99.7	101.3	101.4	100.5	99.8	100.2	96.8	101.0
2003	44791	99.1	101.1	101.0	100.1	99.4	100.1	97.6	100.6
2004	45383	99.2	100.9	100.8	99.9	99.4	100.0	97.6	100.4
2005	48282	99.3	101.0	100.9	100.1	99.7	100.2	97.6	100.5
2006	50041	99.2	100.6	100.4	99.6	99.5	100.2	97.9	100.0
2007	52127	99.0	100.7	100.2	99.5	99.4	100.3	98.6	99.8
2008	58450	99.6	100.4	100.4	99.5	99.9	100.3	99.0	99.9
2009	58903	99.7	100.8	100.7	100.0	100.3	100.1	99.6	100.4
2010	58289	99.9	100.5	100.5	99.8	100.4	100.1	99.7	100.2
2011	58669	99.8	100.5	100.1	99.7	100.3	99.9	99.8	99.9
2012	61087	99.8	100.5	100.1	99.8	100.5	100.2	99.9	99.9
2013	62317	99.7	100.6	100.0	99.9	100.5	100.2	100.2	99.9
2014	61499	99.7	100.9	100.1	100.3	100.7	100.2	100.4	100.2
2015	54669	99.7	101.0	100.1	100.4	100.7	100.1	100.7	100.3
2016	5226	99.6	101.0	100.0	100.3	100.6	100.1	101.2	100.1

Tabel: 23 Holstein Friesian - roodbont: Gebruikskennmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	26	100.8	83.3	100.5	103.9	106.1
1981	34	101.6	96.0	100.1	102.7	104.6
1982	42	100.9	90.3	99.4	102.3	104.2
1983	72	100.6	85.3	99.4	102.0	103.9
1984	138	99.9	93.5	99.0	101.6	103.4
1985	210	100.4	94.4	99.1	101.8	103.6
1986	341	100.5	96.7	98.8	101.1	103.2
1987	540	100.1	97.4	98.2	100.4	102.3
1988	884	99.9	98.0	98.5	100.5	102.4
1989	1198	99.7	98.4	98.4	100.2	102.4
1990	1839	99.9	99.1	98.1	99.6	102.0
1991	3025	100.7	99.7	98.0	99.5	101.3
1992	4771	101.0	100.0	98.2	99.6	101.4
1993	5130	100.7	100.0	98.3	99.7	101.5
1994	6306	101.0	99.6	98.2	99.3	101.1
1995	6943	101.1	99.4	98.2	99.0	100.9
1996	8045	101.0	99.5	98.2	98.8	100.7
1997	9385	101.3	99.9	98.0	98.4	100.2
1998	12975	100.9	99.2	98.5	98.9	100.1
1999	14794	100.4	99.3	98.5	98.6	99.7
2000	18542	100.5	99.1	98.9	99.0	100.2
2001	20498	100.7	99.1	98.6	98.7	99.6
2002	21323	100.6	98.9	98.4	98.3	99.2
2003	22084	100.8	99.4	98.4	98.2	99.1
2004	23179	100.7	99.1	98.7	98.4	98.8
2005	25113	101.1	99.3	99.0	98.5	98.9
2006	25705	101.3	100.0	99.2	98.8	99.1

2007	25365	101.3	99.9	99.4	98.7	99.0
2008	27286	101.0	100.0	99.5	98.8	99.1
2009	27708	100.3	100.1	100.1	99.5	100.0
2010	28267	100.3	100.1	100.4	99.7	99.8
2011	27497	100.4	100.4	101.0	100.2	100.0
2012	27129	100.4	100.5	101.5	100.6	100.2
2013	25760	100.8	100.9	101.8	100.8	100.4
2014	23260	100.7	101.3	102.0	100.9	100.4
2015	13280	100.8	101.1	102.5	101.2	100.5
2016	237	100.5	100.8	102.8	101.5	100.7

Tabel: 24 Holstein Friesian - roodbont: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	34	-194.7	-514.4	-103.9	105.8	108.4	91.8	87.6	98.2
1981	55	-198.9	-508.8	-106.7	104.3	108.5	91.4	88.0	97.2
1982	85	-193.1	-481.5	-148.5	103.7	108.0	91.3	89.1	97.5
1983	109	-202.4	-488.2	-166.6	103.5	107.0	91.9	89.6	97.5
1984	246	-210.0	-463.6	-256.5	102.9	106.2	92.6	88.9	97.3
1985	400	-180.3	-477.4	-288.6	103.2	107.2	93.1	89.0	97.8
1986	670	-179.7	-449.0	-313.0	102.6	106.6	93.5	89.1	97.5
1987	1184	-187.1	-439.8	-375.1	101.7	106.7	93.0	89.9	97.6
1988	2346	-185.4	-426.7	-403.2	101.8	106.2	93.3	90.6	97.8
1989	3512	-181.6	-412.0	-399.6	101.6	106.0	93.2	90.8	97.6
1990	4726	-187.4	-410.7	-415.9	101.1	105.8	93.3	90.9	97.3
1991	6310	-184.4	-388.8	-404.4	100.6	105.5	93.6	91.0	97.4
1992	8228	-179.4	-383.9	-370.6	100.7	105.4	93.8	91.2	97.5
1993	9742	-173.8	-371.7	-348.6	100.8	105.1	94.1	91.2	98.0
1994	11836	-174.7	-324.9	-397.5	100.4	104.4	93.0	90.7	97.9
1995	13189	-173.0	-314.2	-389.6	100.1	104.0	93.2	91.1	98.2
1996	14875	-164.3	-285.7	-355.0	99.9	103.0	93.3	92.0	98.1
1997	16232	-158.5	-266.3	-337.2	99.4	102.7	93.9	92.8	98.5
1998	22481	-151.2	-240.2	-355.8	99.6	102.5	93.8	92.9	98.5
1999	25383	-138.2	-220.2	-322.1	99.1	102.2	94.7	93.5	99.3
2000	31062	-113.9	-193.0	-230.3	99.7	101.9	95.7	94.8	99.3
2001	35123	-107.8	-170.3	-205.3	99.2	101.6	95.7	94.8	99.2
2002	36169	-101.2	-140.9	-195.6	98.6	101.0	96.2	95.2	98.9
2003	37897	-93.2	-120.9	-168.8	98.6	100.6	97.0	95.6	98.5
2004	39033	-79.4	-91.1	-160.0	98.5	100.4	97.0	96.1	98.5
2005	42590	-61.8	-68.1	-126.4	98.6	100.5	97.3	96.5	98.6
2006	45071	-52.3	-56.8	-77.7	98.8	100.0	97.8	97.3	98.7
2007	45099	-41.7	-39.6	-51.8	98.8	99.8	98.4	97.6	98.6
2008	49226	-30.5	-24.6	-19.4	98.8	99.9	98.7	97.6	99.1
2009	49744	-18.5	-27.9	20.1	99.8	100.4	99.5	98.6	99.0
2010	50457	-3.1	-2.5	37.1	99.8	100.2	100.0	99.4	99.3
2011	50882	13.7	18.9	64.1	100.1	99.9	100.5	100.5	99.5
2012	52272	28.6	32.4	99.3	100.4	99.9	100.9	101.0	99.9
2013	53938	40.3	44.0	130.5	100.6	99.9	101.5	101.5	100.0
2014	52271	54.2	59.7	149.5	100.7	100.2	102.2	102.0	100.6
2015	38799	68.0	73.6	178.5	100.9	100.3	103.0	102.4	100.9
2016	1347	78.9	86.9	194.8	101.2	100.1	103.9	102.7	101.2

Tabel: 25 Holstein Friesian - roodbont: Klauwgezondheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
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1984	20	94.2	93.8	98.8	97.8	92.9	97.8	96.2
1985	14	94.8	94.9	98.6	97.8	94.1	97.8	96.4
1986	26	95.7	96.9	98.7	96.8	96.1	98.1	96.5
1987	53	95.8	96.0	99.3	97.5	96.1	97.9	96.3
1988	113	95.4	95.1	99.4	97.8	94.8	97.2	96.0
1989	161	96.1	96.0	99.6	98.0	96.0	97.5	96.3
1990	248	96.3	95.8	99.7	98.5	95.8	97.8	96.3
1991	469	94.6	95.8	97.7	96.0	96.5	97.6	97.3
1992	565	94.6	96.1	97.5	95.6	97.0	97.7	97.4
1993	669	94.6	96.0	97.7	95.9	96.4	97.6	97.2
1994	1712	95.8	97.4	99.1	95.7	97.2	98.8	96.9
1995	2759	96.1	97.4	99.4	96.0	97.1	99.2	96.7
1996	3047	95.6	96.2	99.3	96.7	95.5	99.0	96.4
1997	6126	95.6	95.7	99.6	97.3	95.0	98.2	95.7
1998	10009	95.8	96.2	99.5	97.6	95.2	97.7	95.9
1999	12187	96.5	96.9	100.0	97.9	95.6	98.4	96.3
2000	16349	96.9	97.7	99.8	97.9	96.1	99.1	96.3
2001	17606	96.7	97.9	99.5	97.4	96.5	99.0	96.4
2002	19228	96.5	97.6	99.3	97.6	96.4	98.7	96.1
2003	21266	96.9	98.0	99.2	98.0	96.5	98.6	96.5
2004	23090	97.5	98.7	99.6	98.3	97.0	98.7	96.8
2005	25009	98.4	99.3	100.2	98.8	97.5	99.1	97.4
2006	25748	98.4	99.3	99.8	98.9	97.8	99.1	98.1
2007	25622	98.9	100.0	99.7	99.0	98.6	99.4	98.7
2008	27752	98.9	99.9	99.6	99.1	98.8	99.6	99.0
2009	28351	99.0	99.9	99.4	99.2	99.3	99.6	99.3
2010	28698	99.4	100.2	99.4	99.6	99.6	99.9	99.3
2011	28167	99.9	101.0	99.3	99.8	100.3	100.2	99.6
2012	28118	100.7	101.7	99.7	100.1	101.1	100.7	100.0
2013	27538	101.1	102.0	99.8	100.4	101.5	101.2	100.3
2014	25318	101.5	101.9	100.3	100.9	101.5	101.8	100.3
2015	14074	102.0	102.0	100.7	101.4	101.7	102.3	100.3
2016	225	102.6	102.5	100.9	101.9	102.0	103.0	100.4

Tabel: 26 Holstein Friesian - roodbont: Levensvatbaarheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	21	97.1	99.6	97.1	99.6	98.1	98.8
1981	36	95.1	100.1	95.1	100.1	97.2	98.8
1982	46	95.3	100.3	95.3	100.3	97.0	98.6
1983	64	95.1	100.1	95.1	100.1	96.5	98.4
1984	153	95.0	99.7	95.0	99.7	96.6	97.9
1985	214	96.1	99.6	96.1	99.6	97.6	98.8
1986	438	96.0	99.5	96.0	99.5	97.7	98.7
1987	777	96.0	99.6	96.0	99.6	97.5	99.0
1988	1437	96.1	99.7	96.1	99.7	97.7	98.8
1989	2259	96.0	99.6	96.0	99.6	97.6	98.6
1990	3561	95.9	99.5	95.9	99.5	97.3	98.4
1991	5848	96.0	99.7	96.0	99.7	97.5	98.5
1992	8200	96.0	99.8	96.0	99.8	97.5	98.5
1993	11293	96.6	99.9	96.6	99.9	98.1	98.7
1994	14798	96.4	100.1	96.4	100.1	98.4	98.5
1995	17764	96.5	100.3	96.5	100.3	98.4	98.6
1996	21183	96.7	100.2	96.7	100.2	98.4	98.9
1997	24157	96.8	100.5	96.8	100.5	98.4	99.1
1998	33627	96.9	100.4	96.9	100.4	98.3	98.9
1999	38613	97.3	101.1	97.3	101.1	98.5	99.5
2000	47061	97.5	100.9	97.5	100.9	98.7	100.1

2001	49499	97.6	100.7	97.6	100.7	98.7	100.1
2002	53763	97.5	100.5	97.5	100.5	98.3	99.8
2003	55376	97.5	100.1	97.5	100.1	98.2	99.7
2004	55632	97.6	100.0	97.6	100.0	98.5	99.8
2005	56855	97.8	99.9	97.8	99.9	98.9	100.0
2006	56148	98.1	99.9	98.1	99.9	99.1	99.9
2007	56503	98.3	99.6	98.3	99.6	99.2	99.8
2008	63715	98.8	99.8	98.8	99.8	99.6	99.8
2009	67000	98.8	99.6	98.8	99.6	99.9	99.7
2010	66925	99.0	99.8	99.0	99.8	100.3	100.0
2011	66078	99.4	99.8	99.4	99.8	100.9	100.2
2012	68414	100.0	99.9	100.0	99.9	101.3	100.4
2013	69705	100.2	99.8	100.2	99.8	101.8	100.4
2014	70788	100.6	100.3	100.6	100.3	102.2	100.5
2015	69384	100.3	100.7	100.3	100.7	102.3	100.6
2016	65656	100.4	101.0	100.4	101.0	102.6	100.8
2017	56326	100.6	101.4	100.6	101.4	103.1	100.9
2018	6544	100.7	101.9	100.7	101.9	102.8	101.2

Tabel: 27 Holstein Friesian - roodbont: Geboortekkenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	25	101.0	103.6	98.3	96.5	94.9	97.5
1981	33	99.9	104.1	100.0	92.5	93.2	96.4
1982	43	100.0	103.3	99.8	88.5	87.6	91.0
1983	71	99.7	104.0	100.0	94.5	93.8	96.6
1984	158	98.9	104.0	100.9	97.6	97.2	100.1
1985	216	100.4	103.1	99.4	91.1	89.8	92.0
1986	372	100.1	103.0	99.8	96.1	94.2	96.6
1987	580	99.8	103.2	100.3	96.8	95.5	98.1
1988	995	100.1	102.9	99.9	97.9	96.7	99.1
1989	1367	99.6	103.6	100.4	97.5	96.9	99.3
1990	2092	99.2	103.7	100.9	97.8	97.8	100.3
1991	3047	98.8	103.5	101.1	98.3	98.2	99.7
1992	4051	98.9	103.4	101.1	98.8	98.4	99.3
1993	4432	99.1	103.1	100.9	99.2	97.8	98.9
1994	6255	98.0	103.3	102.0	99.3	97.7	100.0
1995	7294	97.9	103.5	102.1	99.5	97.8	99.7
1996	8579	98.0	103.7	102.1	99.1	98.1	99.6
1997	9589	98.2	103.9	101.9	99.4	98.9	99.6
1998	13247	97.8	103.5	102.2	99.1	99.0	100.0
1999	15263	98.3	102.6	101.8	99.8	98.7	99.2
2000	19621	98.5	101.7	101.5	100.1	98.0	98.7
2001	22308	98.1	101.8	101.9	99.8	98.0	99.4
2002	23490	97.7	102.7	102.2	99.5	98.6	99.8
2003	25363	97.3	102.6	102.6	99.5	99.1	99.6
2004	26287	97.5	102.3	102.5	99.8	99.6	99.7
2005	29960	97.8	102.2	102.2	100.0	99.8	99.8
2006	31301	98.2	101.7	101.9	99.7	99.8	99.9
2007	35294	98.5	101.7	101.6	99.4	100.2	100.4
2008	40425	99.0	101.4	101.3	99.7	100.0	100.5
2009	43933	98.9	101.1	101.4	100.2	99.9	100.1
2010	43670	99.0	100.9	101.4	100.3	99.7	100.2
2011	42218	99.1	101.0	101.5	100.4	99.7	100.3
2012	42521	99.6	100.8	101.0	100.5	99.4	100.4
2013	41875	99.9	100.6	100.7	100.5	99.4	100.5
2014	40767	100.2	100.0	100.4	101.0	99.0	100.5
2015	37645	100.2	99.9	100.4	101.4	99.1	100.7
2016	29697	100.6	99.8	100.0	101.8	99.3	100.5

2017	23846	100.9	99.6	99.7	101.9	99.4	100.6
2018	3286	101.2	99.1	99.4	102.2	99.4	100.4

Tabel: 28 Holstein Friesian - roodbont: Vleeskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1989	29	103.9	106.7	97.8	100.4	105.3	97.7	104.2	97.3	105.9	98.0	103.0
1990	39	104.3	107.1	97.0	100.8	105.9	97.5	104.3	97.9	106.6	97.6	103.2
1991	44	103.2	105.5	98.5	99.7	104.7	97.9	103.8	97.0	105.3	98.3	101.6
1992	75	103.6	106.4	97.1	100.1	105.4	97.1	103.6	98.0	106.0	97.4	101.9
1993	96	103.7	104.7	97.9	100.0	104.6	97.5	104.0	97.9	104.9	98.0	101.8
1994	132	104.2	106.9	98.1	101.4	105.0	98.2	103.7	98.7	106.1	98.2	104.4
1995	128	104.0	105.9	98.0	101.1	104.3	98.3	103.7	99.1	105.3	98.2	103.7
1996	187	103.1	105.7	98.7	101.0	103.7	99.1	102.9	98.4	105.5	98.7	103.7
1997	214	102.9	105.4	98.5	100.8	103.6	98.9	102.7	98.5	105.1	98.3	103.2
1998	279	102.9	104.9	98.6	100.7	103.6	98.5	102.5	98.9	105.0	97.7	103.4
1999	342	102.7	104.7	98.2	100.8	103.3	98.3	102.5	98.7	104.5	97.7	103.1
2000	339	102.4	104.0	98.3	100.6	102.7	98.9	101.8	99.7	104.2	97.7	102.8
2001	441	102.0	103.1	99.3	100.1	102.0	99.4	101.2	100.3	103.4	98.5	102.0
2002	529	102.5	102.9	100.0	100.2	102.5	99.4	101.9	99.9	103.4	98.8	102.5
2003	537	102.4	102.3	100.2	100.2	102.1	99.4	101.7	100.4	103.0	99.0	102.2
2004	535	102.3	101.7	100.2	100.3	101.7	99.2	101.6	100.7	102.5	98.6	102.3
2005	540	101.6	101.6	100.2	100.1	101.3	99.8	101.0	100.2	102.4	99.0	101.9
2006	550	101.5	101.0	100.4	99.6	101.1	99.7	100.9	100.5	101.7	99.1	101.3
2007	495	100.8	100.4	100.6	99.3	100.3	99.9	100.4	100.2	101.1	99.4	100.6
2008	465	101.1	100.3	100.3	99.3	100.5	99.8	100.9	100.0	100.9	99.3	100.6
2009	465	100.4	100.2	100.1	99.6	99.9	100.1	100.5	99.6	100.5	99.5	100.2
2010	384	100.5	99.9	100.6	99.2	99.9	100.2	100.4	99.7	100.5	99.8	99.9
2011	239	100.2	99.3	100.6	98.9	99.7	100.1	100.3	99.7	100.0	99.6	99.9
2012	122	100.1	98.6	101.0	98.3	99.8	99.9	100.4	99.1	99.9	99.5	99.6
2013	78	100.3	98.3	101.2	97.9	100.1	99.5	100.6	99.1	99.9	100.1	99.0
2014	60	100.0	97.6	101.6	98.6	99.2	100.2	100.3	99.0	99.3	99.8	99.9
2015	66	99.6	96.5	102.4	97.7	98.7	100.3	100.3	98.8	98.3	100.3	98.9
2016	61	99.3	97.5	101.1	98.1	99.0	99.7	100.3	97.8	98.9	99.6	99.0
2017	73	99.4	97.3	101.5	98.6	98.6	100.2	100.4	98.2	98.6	99.9	99.3

Tabel: 29 Holstein Friesian - roodbont: Kalvervitaliteit
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	21	99.1	99.7	100.0
1981	33	99.5	100.2	100.3
1982	47	99.2	99.9	99.5
1983	64	99.2	99.8	99.6
1984	152	98.8	99.5	99.3
1985	214	99.2	99.9	99.8
1986	447	99.0	99.5	100.0
1987	788	99.1	99.5	99.8
1988	1457	99.0	99.5	99.9
1989	2305	99.0	99.4	99.8
1990	3634	99.0	99.5	99.6
1991	5795	98.5	99.1	99.6
1992	8029	98.1	99.0	99.6
1993	11672	98.2	99.2	99.8
1994	16768	98.7	99.7	99.8

1995	19259	98.8	99.8	99.4
1996	23023	98.7	99.9	98.8
1997	26369	98.6	99.7	98.7
1998	36499	98.7	99.7	99.2
1999	42028	99.0	100.0	99.6
2000	50824	98.8	99.9	99.9
2001	53152	99.1	99.9	100.0
2002	58121	99.4	100.2	99.8
2003	59767	99.5	100.3	99.7
2004	59491	100.0	100.6	100.1
2005	60624	100.3	100.6	100.5
2006	59326	100.4	100.7	100.2
2007	59572	100.5	100.6	100.2
2008	67239	100.2	100.3	100.0
2009	70734	100.3	100.1	100.4
2010	70260	100.1	99.9	100.2
2011	69373	100.3	100.1	100.2
2012	71946	100.8	100.4	100.5
2013	73217	101.0	100.5	100.7
2014	74722	100.7	100.2	100.5
2015	74417	100.9	100.3	100.4
2016	72494	101.3	100.8	100.5
2017	62432	101.6	101.1	100.7
2018	6046	101.5	100.9	100.7

Tabel: 30 Holstein Friesian - roodbont: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	35240	-1957.8	-8311.0	-309.3	-291.4
2002	36355	-1811.1	-7686.3	-282.1	-271.7
2003	38056	-1589.0	-6879.5	-243.5	-240.1
2004	39235	-1437.7	-6357.4	-215.4	-219.3
2005	42779	-1155.5	-5243.1	-169.1	-177.8
2006	45333	-827.1	-3828.8	-118.6	-128.3
2007	45434	-606.3	-2950.5	-80.9	-96.7
2008	49656	-354.3	-1950.5	-42.4	-58.3
2009	50266	-119.1	-920.8	-7.0	-22.4
2010	51041	89.3	-155.1	27.5	8.2
2011	51432	347.1	837.8	72.7	44.6
2012	52912	633.7	1965.6	122.4	85.3
2013	54592	887.2	2941.8	164.0	122.5
2014	52938	1084.3	3754.2	195.4	151.8
2015	37400	1318.8	4656.1	232.6	186.9
2016	1370	1483.1	5295.4	261.1	210.3

Tabel: 31 Holstein Friesian - roodbont: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1982	11	100.0	98.5	101.1
1983	19	101.1	97.9	101.4
1984	39	100.6	97.8	100.8
1985	30	100.2	98.0	101.1
1986	58	101.2	97.3	101.2
1987	67	101.3	97.0	101.2

1988	118	101.5	96.8	101.2
1989	155	101.7	96.7	101.3
1990	188	101.5	96.5	101.4
1991	285	101.7	97.0	101.4
1992	399	102.0	96.9	101.3
1993	443	102.0	96.6	101.3
1994	690	102.1	93.7	102.3
1995	751	102.1	94.4	102.2
1996	982	102.3	94.6	102.0
1997	1344	102.2	95.1	101.6
1998	2008	101.8	94.8	101.7
1999	2580	101.3	95.1	101.7
2000	3461	101.6	95.6	101.1
2001	4205	101.7	96.0	100.9
2002	4834	101.6	96.6	100.9
2003	5394	101.4	97.4	100.7
2004	6117	101.5	97.6	100.9
2005	7139	101.7	97.8	101.1
2006	8178	101.7	98.4	100.7
2007	8463	101.7	98.9	100.6
2008	10438	101.4	99.3	100.4
2009	12132	100.4	99.5	100.7
2010	13973	100.4	100.2	100.3
2011	14347	100.6	101.4	100.0
2012	14794	100.6	102.6	99.8
2013	15779	100.9	103.8	99.5
2014	15129	100.9	104.9	99.4
2015	12192	101.0	105.5	99.3
2016	861	101.2	105.7	99.3

Tabel: 32 Holstein Friesian - roodbont: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	36	97.0	98.9	0	0.0	0	0.0
1981	56	96.5	98.9	3	-3.7	0	0.0
1982	85	97.0	99.3	1	-4.8	0	0.0
1983	110	96.7	98.6	1	-5.0	0	0.0
1984	246	96.1	98.1	2	-3.1	0	0.0
1985	401	95.5	97.9	346	-4.9	0	0.0
1986	675	95.9	97.9	596	-4.6	0	0.0
1987	1187	95.6	97.8	912	-4.3	0	0.0
1988	2351	95.9	97.8	1486	-4.0	0	0.0
1989	3519	96.1	97.9	1954	-3.8	0	0.0
1990	4729	95.9	97.7	2631	-3.7	0	0.0
1991	6314	96.1	97.2	3676	-3.6	0	0.0
1992	8232	95.9	97.2	4833	-3.5	0	0.0
1993	9748	95.8	97.1	5207	-3.4	0	0.0
1994	11840	95.5	97.2	6493	-2.7	0	0.0
1995	13196	96.0	97.3	7168	-2.7	0	0.0
1996	14882	96.2	97.1	8317	-2.4	0	0.0
1997	16237	96.1	96.9	9711	-2.1	0	0.0
1998	22485	96.1	97.2	13498	-1.9	0	0.0
1999	25386	96.0	97.1	15500	-1.8	0	0.0
2000	31070	96.5	97.5	19305	-1.6	0	0.0
2001	35131	97.2	97.7	21191	-1.4	21174	97.6
2002	36175	97.1	97.5	22036	-1.1	22026	98.1
2003	37902	97.3	97.6	23088	-0.9	23076	98.7
2004	39033	97.4	97.7	24230	-0.6	24205	99.0
2005	42590	97.7	97.9	26394	-0.5	26355	98.8

2006	45072	98.4	98.5	27203	-0.4	27159	99.2
2007	45101	98.6	98.5	27099	-0.3	27027	99.3
2008	49230	98.8	98.8	29184	-0.2	29071	99.4
2009	49754	98.6	99.3	29884	-0.1	29694	100.2
2010	50464	98.9	99.3	30377	0.1	30081	100.1
2011	50884	99.4	99.4	29910	0.2	29460	100.2
2012	52272	99.6	99.7	29806	0.3	29249	100.2
2013	53939	100.0	99.8	29032	0.4	28341	100.3
2014	52271	100.5	99.9	27108	0.6	26081	100.6
2015	38799	100.8	100.1	17777	0.6	15014	101.0
2016	1347	100.8	100.2	5983	0.5	266	101.4
2017	0	0.0	0.0	6845	0.9	0	0.0
2018	0	0.0	0.0	868	1.2	0	0.0

Tabel: 33 Holstein - Fries Hollands zwartbont: Melkproductiekenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	1407	-2499.1	-76.9	-86.9	-113.5	47.7	0.6	0.8	-552.0
1981	3504	-2442.9	-71.9	-83.5	-110.9	51.2	2.9	0.7	-526.6
1982	7487	-2408.6	-71.0	-83.3	-109.4	50.2	1.3	0.7	-523.6
1983	15579	-2283.1	-66.7	-79.8	-103.6	47.7	0.1	0.7	-498.3
1984	27081	-2282.7	-66.6	-78.7	-103.6	48.0	1.9	0.7	-493.9
1985	44581	-2327.8	-66.7	-78.5	-105.7	51.3	4.7	0.7	-493.7
1986	64810	-2319.1	-65.2	-76.5	-105.3	53.2	7.4	0.7	-482.3
1987	84726	-2236.4	-63.2	-73.8	-101.5	50.2	7.1	0.7	-465.8
1988	110633	-2151.4	-60.0	-70.7	-97.6	49.1	7.2	0.7	-445.3
1989	113959	-2082.9	-56.2	-68.5	-94.5	49.7	6.8	0.7	-427.4
1990	97378	-2016.1	-54.7	-66.1	-91.5	47.5	6.9	0.7	-413.5
1991	76491	-1841.3	-49.5	-60.2	-83.5	43.1	6.5	0.7	-376.1
1992	60618	-1684.9	-47.1	-56.1	-76.4	36.0	4.5	0.7	-351.6
1993	49846	-1605.1	-45.2	-53.3	-72.7	33.4	4.3	0.6	-335.5
1994	36757	-1485.5	-43.1	-50.0	-67.3	28.8	3.1	0.6	-315.8
1995	32401	-1382.6	-39.3	-46.3	-62.6	27.8	3.2	0.6	-291.2
1996	24521	-1296.4	-36.9	-43.2	-58.6	25.7	3.3	0.6	-272.4
1997	17755	-1240.1	-33.7	-40.6	-56.1	26.6	4.1	0.6	-254.4
1998	13668	-1168.1	-31.8	-38.4	-52.8	24.8	3.8	0.6	-240.0
1999	10747	-1098.6	-29.1	-35.8	-49.6	24.3	4.0	0.6	-222.8
2000	8196	-974.0	-25.4	-32.3	-44.0	21.9	2.9	0.5	-198.8
2001	6821	-901.1	-22.6	-29.3	-40.8	21.3	3.5	0.5	-179.7
2002	5294	-822.6	-22.5	-27.1	-37.2	17.1	2.7	0.5	-169.8
2003	4739	-773.4	-19.9	-25.7	-35.8	17.4	2.2	-0.6	-158.1
2004	4111	-670.5	-17.3	-22.3	-30.8	15.0	2.0	-0.2	-136.9
2005	3735	-613.7	-16.3	-20.7	-27.9	13.1	1.4	0.1	-127.5
2006	3389	-531.3	-14.2	-16.9	-23.3	11.3	2.5	1.1	-106.3
2007	2949	-424.6	-12.8	-14.2	-18.4	7.4	1.4	1.2	-90.6
2008	2816	-318.7	-11.4	-11.2	-13.6	3.7	0.4	1.2	-74.1
2009	2401	-322.4	-9.9	-10.3	-13.7	5.5	1.6	1.3	-67.2
2010	2092	-276.5	-8.6	-8.4	-11.8	4.8	2.0	1.0	-56.3
2011	1760	-208.5	-5.8	-6.1	-8.0	4.5	1.9	1.8	-39.7
2012	1641	-192.2	-2.5	-4.1	-7.4	7.7	3.6	1.6	-24.3
2013	1581	-159.9	-1.5	-3.3	-5.9	7.1	3.2	1.6	-18.4
2014	1372	-106.5	-0.6	-1.8	-3.0	5.5	2.8	2.1	-9.5
2015	921	-99.7	1.7	-0.8	-1.4	7.5	3.5	3.6	-0.4
2016	15	-7.7	5.2	0.7	2.1	6.5	1.4	2.9	14.3

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 34 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bouw

Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	2007	85.3	96.2	88.7	87.3	104.3	96.1	94.0
1981	4959	85.8	96.9	89.1	87.5	105.4	95.8	94.2
1982	11321	85.7	97.2	89.5	87.8	105.3	95.8	94.8
1983	21346	86.1	97.3	89.7	88.2	104.9	95.5	94.8
1984	30318	86.4	97.4	90.4	88.8	104.7	95.6	95.0
1985	41616	86.3	97.5	90.6	88.9	104.8	95.5	95.0
1986	52567	86.5	97.7	90.9	89.1	104.8	95.2	94.9
1987	58306	87.4	97.5	91.4	89.6	104.2	95.5	95.8
1988	62443	87.8	97.8	92.4	90.4	103.7	95.6	96.5
1989	57511	88.3	98.0	92.9	90.9	103.5	96.0	96.5
1990	48350	88.6	97.8	93.0	91.1	103.1	96.5	96.5
1991	38669	89.3	98.4	93.2	91.6	102.8	96.5	96.1
1992	31333	89.8	98.4	93.5	91.9	102.4	96.7	96.2
1993	24009	90.0	98.2	93.5	91.7	102.2	96.6	96.4
1994	16643	90.1	97.8	93.6	92.2	101.4	97.1	96.9
1995	14315	90.4	97.5	93.6	92.6	101.1	96.9	96.2
1996	10402	90.9	97.8	94.0	93.1	100.9	97.1	96.1
1997	7423	91.5	97.7	94.3	93.4	100.7	97.3	96.1
1998	5586	92.0	97.9	94.8	94.0	100.5	97.0	96.2
1999	4320	92.5	97.9	95.2	94.3	100.2	97.8	96.4
2000	3244	93.4	97.9	95.8	95.0	99.9	98.3	97.0
2001	2631	93.9	97.7	95.8	95.7	99.6	98.3	97.1
2002	2088	94.1	97.5	95.8	96.0	99.2	98.6	97.0
2003	1783	94.6	98.1	96.5	96.4	99.0	98.6	97.0
2004	1576	95.1	97.8	96.7	96.8	98.7	99.1	97.1
2005	1446	95.8	98.2	97.0	96.9	98.9	99.4	97.7
2006	1217	96.4	99.0	97.5	96.9	99.6	99.3	98.5
2007	966	96.8	98.7	97.6	97.3	99.0	99.5	98.5
2008	931	97.6	99.2	98.4	98.0	99.3	99.9	99.1
2009	803	97.1	98.9	97.8	97.2	99.8	99.2	98.7
2010	654	97.3	98.7	97.6	97.6	99.6	99.4	98.7
2011	498	97.7	98.9	98.1	98.3	100.0	99.4	98.9
2012	387	98.1	99.9	98.9	99.0	100.5	98.7	98.5
2013	380	98.5	99.9	98.9	99.1	100.6	98.8	99.1
2014	303	99.3	99.6	98.9	99.2	100.0	100.0	98.3
2015	171	99.2	99.6	98.9	99.6	100.3	99.8	99.2

Tabel: 35 Holstein - Fries Hollands zwartbont: Exterieurkenmerken beenwerk
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	2007	93.3	100.2	93.4	89.7
1981	4959	94.4	100.1	94.2	90.9
1982	11321	94.2	100.5	94.3	90.7
1983	21346	94.6	100.7	94.8	91.0
1984	30318	94.5	100.6	94.7	91.2
1985	41616	94.7	100.2	95.0	91.4
1986	52567	94.9	100.1	95.1	91.6
1987	58306	95.3	100.3	95.2	91.8
1988	62443	95.4	100.9	94.8	91.8
1989	57511	95.5	101.1	94.9	92.1
1990	48350	95.5	101.1	94.9	92.2
1991	38669	95.3	101.3	94.6	92.7
1992	31333	95.3	101.3	94.5	93.1
1993	24009	95.9	101.2	94.7	93.5

1994	16643	95.9	100.9	95.0	93.6
1995	14315	96.1	100.9	95.2	94.2
1996	10402	96.0	101.2	95.0	94.4
1997	7423	96.1	101.0	95.0	94.8
1998	5586	96.0	101.4	94.9	94.9
1999	4320	96.2	101.5	94.8	94.9
2000	3244	96.9	101.2	95.1	95.7
2001	2631	96.7	100.8	95.3	95.8
2002	2088	96.8	100.5	95.7	96.2
2003	1783	97.1	101.1	95.1	96.4
2004	1576	97.1	101.0	95.9	96.5
2005	1446	97.6	100.9	96.3	97.0
2006	1217	97.4	100.5	96.5	96.9
2007	966	98.0	100.1	97.2	97.1
2008	931	98.3	100.0	97.4	97.6
2009	803	98.4	100.3	97.2	97.6
2010	654	98.0	99.8	97.7	97.9
2011	498	98.7	99.8	97.6	97.8
2012	387	98.9	99.7	97.9	98.1
2013	380	99.9	99.9	97.8	98.9
2014	303	99.8	100.0	97.4	99.0
2015	171	100.7	100.0	98.9	100.1

Tabel: 36 Holstein - Fries Hollands zwartbont: Exterieurkenmerken uier
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	2007	92.5	89.2	101.0	94.4	85.6	89.9	88.8
1981	4959	92.8	89.3	100.9	94.6	85.6	90.3	89.1
1982	11321	92.4	89.5	100.8	94.1	85.6	90.0	89.3
1983	21346	92.4	90.0	100.8	94.1	86.2	90.6	89.7
1984	30318	92.4	89.8	100.7	93.9	87.0	90.9	89.9
1985	41616	92.6	89.7	100.7	94.1	87.8	90.8	89.7
1986	52567	92.6	89.7	100.8	94.1	88.1	91.0	89.7
1987	58306	92.7	90.5	100.6	94.0	88.7	91.8	90.5
1988	62443	92.9	91.4	100.5	93.4	89.0	92.2	91.1
1989	57511	93.1	92.0	100.6	93.7	89.1	92.6	91.4
1990	48350	93.2	92.3	100.3	93.8	89.1	93.0	91.9
1991	38669	93.4	92.2	101.0	94.2	90.3	93.3	92.0
1992	31333	93.5	92.4	101.5	94.2	91.0	93.9	92.5
1993	24009	93.2	92.6	101.3	94.2	91.4	94.3	93.0
1994	16643	93.1	92.9	101.2	94.1	91.4	94.2	93.4
1995	14315	93.4	93.3	101.8	94.3	92.1	94.5	93.8
1996	10402	93.9	93.5	101.6	94.6	92.3	94.9	94.0
1997	7423	94.4	93.6	101.5	95.0	92.9	95.3	94.3
1998	5586	94.9	94.1	101.1	95.2	93.0	95.4	94.7
1999	4320	95.2	94.5	101.1	95.3	93.4	95.6	95.0
2000	3244	95.2	94.8	100.6	95.5	94.0	95.8	95.4
2001	2631	95.5	95.3	101.3	95.8	94.8	95.6	95.5
2002	2088	95.8	96.1	101.3	96.0	94.9	95.7	95.8
2003	1783	96.5	96.4	101.1	96.3	95.3	96.5	96.4
2004	1576	96.5	96.4	101.1	96.3	96.2	97.1	97.1
2005	1446	97.1	97.0	100.9	96.7	96.5	97.4	97.6
2006	1217	97.6	97.7	100.8	97.5	96.7	97.6	97.9
2007	966	98.0	98.0	100.8	97.7	97.1	98.0	98.2
2008	931	97.6	98.5	100.4	97.8	97.4	98.3	98.5
2009	803	98.2	97.8	100.4	98.3	97.0	98.1	98.1
2010	654	97.8	98.0	99.9	98.0	97.4	98.5	98.5
2011	498	98.2	98.5	99.4	98.8	97.8	98.9	98.7
2012	387	99.6	99.4	99.2	99.9	98.0	98.7	98.9

2013	380	99.4	99.5	100.1	100.1	98.3	99.0	99.1
2014	303	99.8	99.1	100.5	100.4	99.3	98.9	98.8
2015	171	99.9	100.2	100.0	100.5	99.5	99.4	99.9

Tabel: 37 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bovenbalk
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	2007	89.7	91.1	88.1	89.0	0.0	83.4
1981	4959	90.1	92.1	88.4	90.3	0.0	84.6
1982	11321	90.6	92.6	88.0	90.1	0.0	84.5
1983	21346	90.5	92.6	88.4	90.5	0.0	84.9
1984	30318	90.9	93.2	88.7	90.6	0.0	85.3
1985	41616	91.0	93.3	89.1	90.9	0.0	85.7
1986	52567	90.9	93.5	89.3	91.0	0.0	85.9
1987	58306	91.7	93.9	89.8	91.3	0.0	86.6
1988	62443	92.6	94.6	89.9	91.4	0.0	87.1
1989	57511	93.0	94.9	90.2	91.6	0.0	87.5
1990	48350	93.2	94.7	90.4	91.8	0.0	87.7
1991	38669	93.3	95.0	91.0	92.0	0.0	88.2
1992	31333	93.6	95.1	91.5	92.3	0.0	88.8
1993	24009	93.5	94.7	91.6	92.8	0.0	89.0
1994	16643	93.9	94.7	91.4	92.9	0.0	89.1
1995	14315	93.4	94.5	91.9	93.5	0.0	89.4
1996	10402	93.7	94.9	92.3	93.6	0.0	89.9
1997	7423	93.8	95.0	93.0	93.9	0.0	90.4
1998	5586	94.0	95.5	93.2	94.0	0.0	90.7
1999	4320	94.6	95.7	93.6	94.0	0.0	91.1
2000	3244	95.4	96.1	93.9	94.7	0.0	92.0
2001	2631	95.4	96.4	94.3	94.8	0.0	92.3
2002	2088	95.4	96.3	94.6	95.2	0.0	92.6
2003	1783	95.9	96.7	95.2	95.4	0.0	93.3
2004	1576	96.1	96.7	95.5	95.6	0.0	93.6
2005	1446	96.8	97.0	96.0	96.1	0.0	94.4
2006	1217	97.6	97.7	96.6	96.1	0.0	95.0
2007	966	97.6	97.7	97.0	96.4	0.0	95.5
2008	931	98.6	98.5	97.1	96.9	0.0	96.2
2009	803	97.8	98.2	97.3	97.0	0.0	96.0
2010	654	97.7	98.2	97.2	97.0	0.0	96.0
2011	498	98.0	99.1	97.9	97.1	0.0	96.7
2012	387	98.0	99.8	98.9	97.4	0.0	97.4
2013	380	98.4	100.1	99.1	98.3	0.0	98.2
2014	303	98.5	99.6	99.7	98.3	0.0	98.4
2015	171	98.8	100.3	99.8	99.6	0.0	99.4

Tabel: 38 Holstein - Fries Hollands zwartbont: Vruchtbaarheidskenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2930	105.5	106.8	110.5	108.8	105.5	101.9	87.8	109.9
1981	7462	104.8	107.0	109.9	108.7	105.0	101.4	88.0	109.6
1982	18045	104.7	106.7	109.7	108.3	104.9	101.0	87.7	109.3
1983	34420	104.6	106.4	109.4	108.0	104.7	101.1	88.3	109.0
1984	51358	104.5	106.3	109.3	107.9	104.6	101.1	88.6	108.8
1985	73029	104.6	106.2	109.1	107.8	104.5	100.6	88.3	108.7
1986	98904	104.5	105.9	108.8	107.5	104.2	100.1	88.3	108.4

1987	121177	104.5	105.7	108.5	107.3	104.2	101.0	89.2	108.1
1988	138233	104.3	105.0	107.8	106.5	103.8	101.2	89.7	107.4
1989	136625	103.9	104.5	107.2	105.9	103.2	100.5	90.7	106.8
1990	119043	103.5	104.4	107.0	105.8	103.1	100.3	91.1	106.7
1991	96852	103.2	103.9	106.3	105.2	102.7	100.4	91.4	106.0
1992	76494	103.0	103.7	105.9	104.9	102.6	100.7	91.8	105.6
1993	62286	103.2	103.2	105.8	104.6	102.7	101.0	92.0	105.4
1994	47183	103.0	102.9	105.5	104.2	102.6	100.8	92.4	105.1
1995	39518	102.7	102.4	104.8	103.5	102.2	100.6	92.6	104.4
1996	30272	102.3	102.3	104.5	103.3	102.0	100.8	93.1	104.1
1997	21637	102.1	102.1	104.1	103.0	101.7	100.4	93.4	103.8
1998	16503	101.5	101.8	103.5	102.5	101.0	100.4	94.2	103.2
1999	12490	101.3	101.4	103.0	101.9	100.8	100.4	94.4	102.7
2000	9475	101.0	101.3	102.6	101.7	100.5	100.4	95.1	102.3
2001	7880	101.1	100.9	102.5	101.4	100.6	100.1	95.4	102.1
2002	6199	100.7	101.2	102.5	101.6	100.4	100.3	95.6	102.2
2003	5548	100.8	100.9	102.4	101.4	100.4	100.6	95.8	102.0
2004	4741	100.9	100.3	102.2	100.9	100.3	100.9	96.0	101.7
2005	4286	100.6	100.3	102.1	100.9	100.2	100.2	96.8	101.6
2006	3832	99.9	100.6	101.3	100.6	99.5	98.7	96.5	101.0
2007	3397	100.3	100.2	101.5	100.6	99.6	99.0	96.6	101.1
2008	3316	100.3	99.9	101.2	100.2	99.5	99.2	97.0	100.7
2009	2874	100.7	100.4	101.9	101.0	100.3	99.9	97.3	101.5
2010	2482	100.9	100.1	102.0	100.8	100.3	99.6	97.6	101.5
2011	2105	100.8	100.7	102.3	101.4	100.6	99.6	97.7	102.0
2012	1940	100.6	101.2	102.1	101.7	100.9	99.1	97.1	102.1
2013	1844	100.2	101.5	102.3	102.1	100.6	99.4	98.0	102.3
2014	1628	100.7	101.6	102.7	102.6	100.9	99.7	98.6	102.8
2015	1176	100.1	102.7	104.0	103.5	101.1	99.6	99.7	104.0
2016	65	100.0	103.1	104.3	103.8	101.2	99.9	100.2	104.3

Tabel: 39 Holstein - Fries Hollands zwartbont: Gebruikskennmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	942	98.8	91.3	99.7	104.2	107.3
1981	2272	98.2	94.3	99.5	104.0	107.1
1982	4647	98.6	94.5	99.2	103.9	106.9
1983	9014	99.0	95.1	99.0	103.6	106.4
1984	13381	99.0	95.5	98.7	103.2	105.9
1985	19127	99.0	95.3	98.6	103.0	105.9
1986	25519	99.3	95.4	98.5	102.7	105.5
1987	31387	99.3	95.9	98.3	102.5	105.1
1988	35320	98.9	96.2	98.2	102.2	104.7
1989	36504	99.6	96.3	97.7	101.4	103.9
1990	33437	99.7	96.3	97.5	101.0	103.7
1991	31820	99.3	95.5	97.2	100.4	103.0
1992	31328	98.8	95.7	97.2	100.1	102.7
1993	23966	98.6	96.1	97.4	100.3	102.8
1994	16589	98.7	96.6	97.5	100.3	102.5
1995	14120	99.1	96.3	97.4	99.9	101.9
1996	10163	99.3	96.3	97.5	100.1	101.8
1997	7255	99.0	96.1	97.8	100.2	101.6
1998	5402	98.9	96.2	97.6	99.7	101.1
1999	4143	99.0	96.6	97.9	99.8	101.3
2000	3094	99.1	97.1	97.9	99.6	101.0
2001	2490	99.5	97.4	97.8	99.3	100.6
2002	2000	99.8	97.5	97.6	99.0	99.6
2003	1688	99.6	97.7	97.8	99.1	99.9
2004	1481	99.0	97.2	98.1	99.4	100.4

2005	1347	99.4	98.0	98.2	99.1	99.9
2006	1144	99.5	98.4	98.7	99.6	100.1
2007	875	99.8	98.7	98.9	99.4	100.4
2008	866	99.8	99.7	99.0	99.6	100.3
2009	725	99.7	99.0	99.3	99.6	100.3
2010	583	99.8	98.9	99.5	99.8	100.5
2011	455	100.1	99.7	100.0	100.1	100.2
2012	348	99.9	99.7	100.8	101.3	101.2
2013	330	100.2	99.2	100.7	101.0	101.0
2014	257	99.7	99.4	101.5	101.9	101.6
2015	158	99.6	99.7	102.0	102.5	102.1

Tabel: 40 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	1406	-209.7	-552.0	-264.3	106.7	109.9	88.1	89.0	98.2
1981	3504	-200.7	-526.6	-287.2	106.5	109.6	88.4	90.3	98.1
1982	7487	-204.5	-523.6	-295.6	106.3	109.3	88.0	90.1	98.1
1983	15579	-197.4	-498.3	-309.5	105.8	109.0	88.4	90.5	98.5
1984	27081	-206.3	-493.9	-394.1	105.3	108.8	88.7	90.6	98.4
1985	44581	-185.4	-493.7	-449.0	105.2	108.7	89.1	90.9	98.2
1986	64810	-188.4	-482.3	-487.6	104.9	108.4	89.3	91.0	97.8
1987	84726	-189.7	-465.8	-518.0	104.5	108.1	89.8	91.3	97.7
1988	110633	-190.9	-445.3	-540.6	104.1	107.4	89.9	91.4	97.9
1989	113959	-190.9	-427.4	-546.4	103.2	106.8	90.2	91.6	97.7
1990	97378	-186.0	-413.5	-535.4	102.8	106.7	90.4	91.8	97.7
1991	76491	-173.0	-376.1	-487.0	102.1	106.0	91.0	92.0	98.0
1992	60618	-161.8	-351.6	-444.6	101.8	105.6	91.5	92.3	98.3
1993	49846	-153.8	-335.5	-428.4	102.0	105.4	91.6	92.8	98.6
1994	36756	-144.3	-315.8	-399.7	101.8	105.1	91.4	92.9	98.9
1995	32401	-132.9	-291.2	-335.2	101.2	104.4	91.9	93.5	98.7
1996	24521	-123.1	-272.4	-300.4	101.2	104.1	92.3	93.6	98.9
1997	17755	-115.0	-254.4	-280.0	101.1	103.8	93.0	93.9	98.9
1998	13668	-116.5	-240.0	-284.4	100.6	103.2	93.2	94.0	98.7
1999	10747	-111.3	-222.8	-267.8	100.7	102.7	93.6	94.0	98.5
2000	8195	-99.2	-198.8	-233.5	100.5	102.3	93.9	94.7	98.9
2001	6821	-91.3	-179.7	-207.4	100.0	102.1	94.3	94.8	99.0
2002	5294	-85.1	-169.8	-186.5	99.3	102.2	94.6	95.2	99.4
2003	4739	-79.8	-158.1	-180.8	99.5	102.0	95.2	95.4	99.3
2004	4111	-68.0	-136.9	-148.3	100.0	101.7	95.5	95.6	99.2
2005	3735	-64.0	-127.5	-138.5	99.5	101.6	96.0	96.1	99.5
2006	3389	-56.6	-106.3	-110.2	99.9	101.0	96.6	96.1	99.4
2007	2949	-44.5	-90.6	-81.0	99.9	101.1	97.0	96.4	99.3
2008	2816	-37.2	-74.1	-59.4	100.0	100.7	97.1	96.9	99.6
2009	2400	-27.8	-67.2	-38.1	100.0	101.5	97.3	97.0	99.6
2010	2092	-21.1	-56.3	-22.6	100.2	101.5	97.2	97.0	99.9
2011	1760	-8.1	-39.7	9.2	100.2	102.0	97.9	97.1	99.7
2012	1641	11.1	-24.3	37.9	101.4	102.1	98.9	97.4	100.6
2013	1581	17.5	-18.4	58.2	101.1	102.3	99.1	98.3	100.7
2014	1372	33.8	-9.5	91.5	102.0	102.8	99.7	98.3	100.7
2015	921	54.5	-0.4	132.1	102.5	104.0	99.8	99.6	100.9
2016	15	57.2	14.3	127.1	102.6	104.3	102.0	97.0	101.9

Tabel: 41 Holstein - Fries Hollands zwartbont: Klauwgezondheidskenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	21	96.9	96.5	98.3	98.5	97.3	99.0	99.8
1981	35	97.4	97.0	98.5	99.3	97.5	98.8	99.9
1982	61	97.6	97.1	98.5	99.2	98.1	98.6	100.1
1983	432	99.4	97.6	100.0	100.3	100.3	101.5	99.7
1984	572	99.3	97.4	100.0	100.5	99.7	101.2	99.8
1985	1035	99.7	97.7	100.2	100.5	100.4	101.8	99.6
1986	2116	99.6	97.6	100.3	100.4	100.3	101.9	99.6
1987	3785	98.3	96.9	99.8	99.0	99.3	100.9	99.5
1988	7168	98.6	96.6	100.3	100.0	98.1	100.6	99.5
1989	10092	99.3	96.7	100.9	101.1	97.8	101.2	99.4
1990	10897	99.6	96.8	101.2	101.4	97.8	101.3	99.4
1991	10875	100.2	97.2	101.7	101.7	98.5	101.1	100.2
1992	9249	100.4	97.4	101.8	101.8	98.5	101.2	100.3
1993	8593	99.6	97.2	101.0	101.0	98.1	100.9	100.2
1994	6081	99.6	97.2	101.4	100.7	98.3	101.0	99.6
1995	8478	99.8	98.0	101.5	100.4	98.7	100.5	99.3
1996	4914	100.0	98.5	101.4	100.5	99.0	100.4	99.4
1997	4517	99.7	98.5	101.2	100.3	98.5	100.2	99.1
1998	3829	99.8	98.6	101.4	100.6	98.2	99.8	98.6
1999	3059	99.1	97.8	101.0	100.4	97.2	99.6	98.5
2000	2338	99.9	98.9	101.4	100.3	98.3	100.3	98.7
2001	1997	99.8	99.1	101.3	100.1	98.4	100.5	98.6
2002	1663	99.8	99.3	101.1	100.0	98.2	100.5	98.5
2003	1474	99.5	99.1	100.9	100.0	98.0	100.1	98.5
2004	1300	99.8	99.0	100.9	100.7	98.3	99.9	98.4
2005	1180	99.9	98.8	100.9	100.8	98.6	100.0	98.7
2006	1025	99.6	98.9	100.3	100.5	98.4	100.1	99.1
2007	843	99.8	99.4	100.0	100.7	98.9	100.3	99.4
2008	809	100.1	99.6	100.2	100.8	99.3	99.8	99.2
2009	731	100.5	99.8	100.7	101.1	99.6	100.0	99.6
2010	562	100.4	99.8	100.4	100.8	99.9	100.1	99.8
2011	440	100.8	100.5	100.4	100.6	100.8	100.7	100.3
2012	372	101.0	100.5	100.5	100.8	100.9	100.5	100.3
2013	342	101.2	100.7	100.6	101.0	100.9	100.8	100.4
2014	287	101.6	100.9	100.8	101.3	101.2	101.3	100.5
2015	136	102.0	101.3	100.9	101.5	101.4	101.7	100.9

Tabel: 42 Holstein - Fries Hollands zwartbont: Levensvatbaarheidskenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	1027	97.3	99.5	97.3	99.5	97.4	99.8
1981	2809	97.2	99.6	97.2	99.6	97.4	100.0
1982	6160	97.2	99.6	97.2	99.6	97.4	99.7
1983	12591	97.7	99.6	97.7	99.6	97.8	99.9
1984	19982	97.8	99.4	97.8	99.4	97.8	99.7
1985	29463	97.6	99.3	97.6	99.3	97.5	99.6
1986	41469	97.4	99.0	97.4	99.0	97.4	99.3
1987	53800	97.2	98.9	97.2	98.9	97.5	99.5
1988	65781	97.2	99.1	97.2	99.1	97.7	99.7
1989	70751	97.3	99.0	97.3	99.0	97.7	99.6
1990	71307	97.4	99.1	97.4	99.1	97.7	99.5
1991	68365	97.9	99.2	97.9	99.2	98.1	99.6
1992	58627	98.2	99.3	98.2	99.3	98.2	99.7
1993	56389	98.5	99.5	98.5	99.5	98.3	100.0
1994	43225	99.0	99.5	99.0	99.5	98.6	100.0
1995	42149	99.5	99.1	99.5	99.1	98.8	99.6
1996	31995	99.4	99.3	99.4	99.3	98.9	99.8

1997	23255	99.5	99.3	99.5	99.3	98.7	99.8
1998	17421	99.6	99.0	99.6	99.0	98.8	99.4
1999	13394	99.3	98.9	99.3	98.9	98.5	99.3
2000	9869	99.4	99.3	99.4	99.3	98.6	99.7
2001	7677	99.5	99.5	99.5	99.5	98.6	100.0
2002	6132	100.3	99.3	100.3	99.3	99.5	100.2
2003	5229	99.6	99.7	99.6	99.7	99.4	99.8
2004	4409	99.8	99.3	99.8	99.3	99.4	99.9
2005	3876	99.7	99.8	99.7	99.8	98.9	100.2
2006	3284	99.3	99.8	99.3	99.8	99.0	99.6
2007	2788	100.1	99.1	100.1	99.1	99.5	100.0
2008	2746	99.8	99.4	99.8	99.4	99.3	100.1
2009	2435	98.9	100.2	98.9	100.2	99.4	100.2
2010	2069	100.1	99.8	100.1	99.8	100.2	100.6
2011	1755	99.5	99.9	99.5	99.9	100.1	100.2
2012	1629	100.4	100.4	100.4	100.4	101.2	100.7
2013	1527	100.1	100.8	100.1	100.8	101.1	101.1
2014	1270	100.0	100.7	100.0	100.7	100.7	100.4
2015	792	100.1	100.5	100.1	100.5	100.8	100.2
2016	274	101.4	101.3	101.4	101.3	101.3	101.3
2017	235	101.0	101.3	101.0	101.3	101.0	101.3
2018	17	101.8	101.4	101.8	101.4	100.8	101.4

Tabel: 43 Holstein - Fries Hollands zwartbont: Geboortekenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	1136	101.4	104.0	98.4	88.2	89.9	90.2
1981	2755	101.0	104.1	98.7	91.5	93.2	94.5
1982	5989	100.4	104.5	99.4	93.2	95.4	97.4
1983	14951	100.4	104.2	99.3	96.7	98.3	99.9
1984	22587	100.5	104.1	99.3	97.0	98.9	100.5
1985	31345	101.1	103.9	98.7	96.1	98.7	99.8
1986	44498	100.8	103.9	98.9	96.3	99.0	100.0
1987	52382	100.8	103.4	98.8	97.0	99.2	100.1
1988	56997	100.7	103.3	98.9	97.1	98.9	99.7
1989	52721	100.5	102.8	99.1	96.5	98.9	99.8
1990	45239	100.4	102.4	99.1	96.0	99.0	99.8
1991	40398	100.4	101.8	98.9	96.2	98.8	99.8
1992	32827	100.6	101.5	98.7	96.4	98.8	99.9
1993	25070	100.6	101.8	98.8	96.4	99.0	100.0
1994	17763	100.6	102.1	98.9	96.3	98.6	99.4
1995	15513	100.2	101.9	99.4	95.6	97.9	98.7
1996	11701	100.3	101.6	99.3	95.4	97.9	98.5
1997	8202	100.2	101.4	99.4	95.4	97.6	98.1
1998	5941	100.3	101.2	99.3	95.3	98.3	98.2
1999	4592	99.9	101.5	99.7	96.3	98.6	99.1
2000	3503	99.7	101.5	99.9	96.4	98.1	98.8
2001	2966	99.4	101.9	100.1	96.0	98.6	98.8
2002	2429	100.3	101.5	99.2	96.7	98.4	98.7
2003	2147	99.9	101.4	99.5	96.5	99.0	98.7
2004	1944	100.2	101.1	99.2	96.9	99.0	99.1
2005	1916	99.8	101.2	99.7	97.6	98.8	99.9
2006	1655	99.2	101.4	100.1	96.8	98.3	98.5
2007	1483	99.7	100.8	99.7	98.2	98.7	99.5
2008	1380	99.2	100.6	100.0	98.0	98.5	98.1
2009	1185	99.4	100.4	99.9	98.9	99.1	99.4
2010	963	98.8	101.4	100.6	96.1	97.5	97.3
2011	755	99.3	100.9	100.1	98.2	99.5	99.0
2012	671	99.8	100.1	99.7	100.2	99.4	99.4

2013	598	99.9	100.1	99.5	99.4	98.9	98.7
2014	417	100.1	100.0	99.5	99.2	98.5	98.6
2015	210	100.4	99.7	99.3	101.3	100.7	100.0
2016	97	100.9	99.8	99.1	99.7	99.0	98.3
2017	93	101.6	99.8	98.6	99.1	99.4	98.6

Tabel: 44 Holstein - Fries Hollands zwartbont: Vleeskenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	20	104.7	111.8	93.8	100.0	110.2	95.0	103.8	97.1	110.0	96.9	101.5
1981	38	104.9	113.0	92.4	100.9	111.1	95.0	104.3	96.9	110.3	95.6	102.1
1982	81	104.8	112.5	93.6	100.7	110.4	95.8	104.1	97.3	110.0	96.7	101.7
1983	160	104.6	112.1	93.9	100.7	110.5	96.0	103.9	97.2	109.8	96.7	102.2
1984	223	104.5	111.8	94.0	100.5	110.3	96.0	103.8	97.1	109.2	96.6	102.0
1985	297	104.0	111.8	93.9	100.5	109.8	96.0	103.6	96.6	109.2	96.4	101.8
1986	449	104.3	111.5	94.4	100.4	109.9	96.0	103.9	96.6	109.0	96.5	102.1
1987	530	104.5	111.0	95.1	100.3	110.1	96.2	104.0	96.9	108.7	97.0	101.8
1988	656	104.1	109.9	95.6	100.0	109.3	96.4	103.5	97.6	108.1	96.9	101.4
1989	677	103.9	109.2	95.7	100.1	108.8	96.4	103.4	97.7	107.7	96.7	101.3
1990	687	103.8	108.5	96.1	99.5	108.8	96.2	103.4	97.6	107.2	96.7	100.6
1991	642	103.7	108.2	96.9	100.0	108.0	96.9	103.3	97.8	106.8	97.3	101.5
1992	549	103.6	107.9	97.2	100.1	107.6	97.2	103.2	97.9	106.6	97.6	101.7
1993	494	103.5	107.4	97.1	100.0	107.0	97.4	103.1	98.2	106.4	97.4	101.8
1994	385	103.4	106.7	97.7	99.4	107.0	97.2	102.9	98.3	106.2	97.5	101.5
1995	341	102.8	106.5	97.8	99.4	106.3	97.8	102.2	98.6	105.8	97.7	100.8
1996	258	102.6	105.8	97.8	99.3	105.9	97.5	102.2	98.3	105.5	97.4	101.0
1997	212	102.3	105.6	97.9	99.6	105.2	97.9	101.8	98.7	105.0	98.0	101.1
1998	142	102.5	105.0	98.3	99.5	105.0	97.8	101.8	99.2	105.1	97.3	102.3
1999	128	102.3	104.3	99.2	99.3	104.5	97.9	101.8	99.4	104.0	97.8	101.8
2000	86	101.6	103.9	99.0	99.3	103.7	98.8	100.9	99.8	103.3	97.8	100.5
2001	77	101.9	104.3	98.7	99.6	104.1	98.6	100.9	99.5	106.1	99.1	102.2
2002	64	101.1	103.4	99.7	98.8	103.4	99.5	100.5	99.9	103.5	103.3	97.1
2003	55	101.3	103.1	99.2	99.1	103.3	98.7	100.7	99.5	104.2	99.5	100.9
2004	60	101.1	103.0	98.9	99.7	102.6	99.3	100.5	100.0	104.8	96.1	98.8
2005	36	101.1	102.8	99.4	99.8	102.2	99.6	100.3	99.6	103.7	98.0	104.4
2006	23	100.6	103.0	99.5	99.7	102.3	100.4	99.9	99.7	105.2	96.7	100.0
2007	23	100.6	101.9	99.8	99.3	101.6	99.3	100.7	99.7	101.0	99.2	98.3
2008	26	100.3	100.8	99.8	98.8	101.5	99.8	100.0	99.6	104.0	94.5	98.8
2009	19	99.8	102.3	99.2	100.6	100.9	100.7	99.5	99.4	103.4	96.8	99.9
2010	14	99.6	103.1	100.3	100.1	100.9	101.9	99.0	99.7	102.6	112.9	96.2

Tabel: 45 Holstein - Fries Hollands zwartbont: Kalvervitaliteit
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	1048	98.7	100.0	98.2
1981	2855	98.6	99.9	98.2
1982	6251	98.6	99.8	98.2
1983	12809	98.6	100.0	98.0
1984	20385	98.4	99.8	97.9
1985	30247	97.9	99.5	97.7
1986	42645	97.4	99.2	97.5
1987	55505	97.7	99.3	97.8
1988	68146	98.0	99.6	98.2
1989	73296	97.8	99.3	98.0

1990	73822	97.8	99.4	98.0
1991	69021	97.9	99.6	97.8
1992	57826	98.0	99.8	97.9
1993	59745	98.2	100.1	98.1
1994	60035	98.4	100.1	98.4
1995	49110	98.8	100.3	98.5
1996	38318	99.0	100.5	98.6
1997	29422	99.1	100.4	98.8
1998	22583	99.1	100.2	98.9
1999	17686	98.9	99.8	99.0
2000	13490	99.3	100.1	99.2
2001	10502	99.1	99.8	99.3
2002	8665	99.0	100.1	99.8
2003	7619	99.2	100.1	99.3
2004	6524	99.3	100.0	99.5
2005	5582	99.4	100.2	99.5
2006	4763	98.7	99.6	99.7
2007	4137	99.2	100.0	99.5
2008	4178	99.0	100.2	98.9
2009	3778	98.5	99.4	99.3
2010	3125	99.8	100.8	99.3
2011	2632	99.0	100.2	99.1
2012	2378	99.2	100.3	99.3
2013	2250	99.5	100.5	98.8
2014	2053	100.1	100.9	99.3
2015	1826	99.9	100.9	99.3
2016	1503	99.4	100.6	99.5
2017	1022	99.7	100.6	99.9
2018	79	99.2	100.2	99.5

Tabel: 46 Holstein - Fries Hollands zwartbont: Levensproductiekenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	6851	-2046.5	-9307.4	-317.5	-305.4
2002	5333	-1891.0	-8566.4	-295.1	-281.4
2003	4773	-1814.9	-8272.8	-280.2	-271.5
2004	4161	-1563.4	-7228.7	-239.6	-234.5
2005	3802	-1477.0	-6813.5	-226.4	-221.5
2006	3427	-1239.7	-5890.0	-190.1	-185.2
2007	2993	-1009.5	-4822.6	-154.4	-151.0
2008	2873	-821.1	-3933.9	-126.8	-122.1
2009	2464	-664.4	-3422.4	-98.1	-100.4
2010	2144	-520.7	-2830.4	-75.7	-78.8
2011	1812	-264.5	-1804.6	-30.8	-42.7
2012	1690	-15.7	-981.4	15.5	-8.5
2013	1633	132.4	-360.2	41.6	12.2
2014	1415	386.6	743.3	83.5	49.0
2015	925	678.0	1788.5	138.5	88.4
2016	16	709.6	2011.4	147.6	90.8

Tabel: 47 Holstein - Fries Hollands zwartbont: Robot / AMS kenmerken
 Basis: Melkdoel zwart
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1980	87	96.7	96.4	102.4

1981	273	96.2	95.9	102.9
1982	322	96.5	96.0	102.7
1983	739	97.1	96.4	102.5
1984	1111	97.4	95.9	102.5
1985	1363	97.9	95.7	102.3
1986	1919	98.2	95.8	102.2
1987	3157	98.2	94.8	102.4
1988	4370	98.0	94.7	102.9
1989	4427	98.3	94.8	102.9
1990	4152	98.1	95.1	102.8
1991	3792	98.0	96.2	101.3
1992	3353	97.9	96.6	100.9
1993	2709	97.8	96.7	101.1
1994	1900	97.9	96.7	101.5
1995	1789	98.0	97.3	100.9
1996	1277	98.3	97.6	101.0
1997	1021	98.1	97.6	101.2
1998	791	98.1	98.0	100.9
1999	675	98.4	98.1	101.1
2000	565	98.4	98.2	101.0
2001	527	98.4	97.8	101.5
2002	512	98.4	98.0	100.7
2003	451	98.7	98.4	100.0
2004	452	99.2	97.1	101.0
2005	458	98.4	98.7	100.9
2006	418	99.3	97.7	101.7
2007	421	99.5	98.3	100.6
2008	438	99.3	99.1	100.2
2009	480	98.3	98.5	99.4
2010	510	99.0	98.6	100.1
2011	415	99.1	100.0	100.5
2012	394	98.4	101.2	100.8
2013	384	99.2	102.2	100.2
2014	328	99.3	102.9	100.0
2015	222	98.3	102.7	100.0

Tabel: 48 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.

Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	1407	97.0	102.0	15	-4.9	0	0.0
1981	3504	97.1	102.9	38	-4.7	0	0.0
1982	7487	97.2	102.9	28	-4.8	0	0.0
1983	15579	97.3	102.4	32	-4.4	0	0.0
1984	27081	96.9	102.0	52	-4.0	0	0.0
1985	44581	96.7	102.0	41621	-5.1	0	0.0
1986	64810	96.8	102.2	52571	-4.9	0	0.0
1987	84726	97.1	101.7	58307	-4.5	0	0.0
1988	110633	97.4	101.3	62450	-4.1	0	0.0
1989	113959	97.4	100.9	57519	-3.8	0	0.0
1990	97378	97.3	100.6	48356	-3.7	0	0.0
1991	76491	97.7	101.3	38675	-3.4	0	0.0
1992	60618	97.5	101.3	31342	-3.2	0	0.0
1993	49846	97.5	101.1	24031	-3.1	0	0.0
1994	36757	98.3	100.6	16679	-3.0	0	0.0
1995	32401	98.5	100.8	14351	-2.8	0	0.0
1996	24521	98.8	100.8	10452	-2.7	0	0.0
1997	17755	98.8	100.7	7444	-2.6	0	0.0
1998	13668	98.9	100.1	5598	-2.4	0	0.0

1999	10747	98.7	99.7	4336	-2.3	0	0.0
2000	8196	99.0	99.4	3259	-2.0	0	0.0
2001	6821	99.0	99.2	2651	-1.9	2630	94.7
2002	5294	99.3	99.3	2102	-1.9	2088	94.5
2003	4739	99.1	98.8	1790	-1.7	1783	95.1
2004	4111	99.3	98.6	1595	-1.6	1576	94.9
2005	3735	99.3	98.9	1460	-1.4	1446	95.7
2006	3389	99.6	99.1	1231	-1.1	1217	97.0
2007	2949	100.0	99.5	989	-1.0	966	96.7
2008	2816	100.4	99.1	953	-0.8	931	97.8
2009	2401	100.5	99.5	820	-0.8	802	97.5
2010	2092	100.7	99.9	679	-0.7	654	97.2
2011	1760	100.7	99.9	511	-0.5	498	97.9
2012	1641	100.7	100.0	400	-0.2	387	98.9
2013	1581	101.1	99.7	391	-0.2	380	99.2
2014	1372	102.4	99.8	317	-0.1	303	98.9
2015	921	102.1	98.7	199	-0.1	171	99.2
2016	15	102.7	98.7	26	0.4	1	100.0
2017	0	0.0	0.0	35	0.5	0	0.0

Tabel: 49 Holstein - Fries Hollands zwartbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14420	-853.9	-23.1	-45.0	-48.6	27.8	-24.3	-16.8	-247.7
1981	26974	-760.3	-20.9	-39.9	-44.3	23.6	-21.0	-16.6	-221.0
1982	47355	-707.0	-19.7	-38.7	-41.9	21.4	-22.1	-16.5	-212.8
1983	63053	-609.3	-16.2	-36.2	-37.4	19.8	-23.5	-16.3	-193.8
1984	74345	-622.5	-15.2	-35.4	-38.0	23.0	-21.1	-16.3	-188.6
1985	73675	-656.2	-14.5	-34.9	-39.6	27.0	-18.2	-16.4	-185.6
1986	69709	-623.6	-11.8	-32.2	-38.1	29.1	-15.4	-16.3	-168.2
1987	56476	-553.9	-9.4	-29.7	-34.9	27.7	-15.3	-16.2	-152.2
1988	45600	-452.5	-6.7	-27.0	-30.3	24.0	-16.7	-16.0	-133.8
1989	34392	-391.5	-3.5	-25.2	-27.5	24.5	-17.3	-15.9	-118.9
1990	21585	-336.0	-2.5	-23.2	-25.0	21.9	-17.2	-15.8	-108.1
1991	12545	-232.6	0.2	-19.8	-20.2	18.7	-17.5	-15.6	-86.9
1992	7205	-75.1	3.5	-15.7	-13.1	12.3	-19.6	-15.3	-60.9
1993	5463	-5.8	4.4	-13.2	-9.9	8.8	-19.6	-15.2	-47.9
1994	3636	126.9	7.4	-9.6	-3.8	4.2	-21.1	-15.0	-24.9
1995	2719	167.6	10.6	-7.4	-2.0	6.3	-20.0	-14.9	-8.8
1996	1997	240.9	12.5	-4.4	1.4	4.3	-19.3	-14.8	8.6
1997	1267	240.2	14.4	-3.3	1.3	7.2	-17.5	-14.8	17.0
1998	966	267.1	13.7	-2.5	2.6	4.1	-17.7	-14.8	19.3
1999	647	342.7	17.4	0.8	6.0	4.7	-16.7	-14.7	41.8
2000	515	398.9	19.7	2.6	8.7	4.4	-16.8	-14.4	54.8
2001	387	376.0	19.8	2.3	10.2	5.9	-16.2	-10.5	54.1
2002	310	449.3	20.9	4.5	15.0	2.7	-16.9	-8.2	66.7
2003	252	426.0	20.5	3.6	13.8	3.6	-17.1	-8.4	62.0
2004	267	463.7	22.5	6.2	15.1	3.6	-15.4	-9.1	77.4
2005	215	498.3	19.9	6.9	16.7	-1.5	-15.8	-9.0	75.2
2006	248	525.6	23.1	8.1	17.6	1.0	-15.6	-9.4	87.3
2007	235	680.5	23.9	12.6	23.5	-7.9	-17.0	-11.1	109.1
2008	226	597.2	22.9	9.2	20.2	-4.2	-17.6	-10.3	92.0
2009	186	608.6	22.6	10.7	19.1	-5.4	-16.2	-12.8	97.2
2010	150	769.7	30.4	15.4	27.1	-4.1	-17.4	-11.5	135.0
2011	172	667.3	30.5	14.3	23.1	1.9	-14.1	-10.8	129.5
2012	188	746.2	30.6	15.2	26.1	-2.7	-16.8	-11.6	134.4
2013	217	771.0	31.0	17.0	26.2	-3.7	-15.4	-13.1	142.8
2014	232	874.9	36.2	21.5	31.4	-2.9	-14.2	-12.2	173.9
2015	146	728.4	31.9	18.5	25.1	0.0	-11.3	-11.9	150.5

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 50 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	23891	93.4	89.4	94.1	99.7	92.6	87.5	94.8
1981	41718	94.0	90.3	95.0	100.2	93.6	87.4	94.9
1982	71436	94.6	90.7	95.6	100.8	93.8	87.5	95.5
1983	86171	95.0	90.9	96.0	101.4	93.2	87.3	95.6
1984	76748	95.0	90.9	96.4	101.8	93.1	87.3	95.7
1985	59756	95.0	90.9	96.6	101.9	93.1	87.2	95.7
1986	45850	95.3	91.0	96.8	102.2	93.0	87.0	95.3
1987	30174	96.3	90.6	97.2	102.7	92.4	87.3	95.9
1988	19760	97.0	90.8	98.2	103.7	91.8	87.4	96.7
1989	13150	97.6	91.0	98.7	104.3	91.4	87.8	96.8
1990	8185	98.0	91.0	98.9	104.6	91.1	87.9	96.7
1991	4793	98.6	91.3	99.2	104.9	90.9	87.9	96.4
1992	2831	99.1	90.8	99.3	105.3	90.2	88.1	96.5
1993	1895	99.4	90.8	99.2	105.2	90.1	88.1	96.5
1994	1206	99.9	90.6	99.7	106.1	89.5	88.7	96.9
1995	821	100.4	90.6	99.9	106.3	89.6	88.6	96.9
1996	547	100.7	90.7	99.9	106.8	89.5	88.7	96.7
1997	343	100.6	90.6	99.9	106.7	89.8	88.4	97.3
1998	247	101.0	90.8	100.0	106.6	90.0	88.3	97.2
1999	137	101.4	90.9	100.5	107.2	89.9	89.1	97.8
2000	125	101.7	91.1	100.4	107.2	90.1	89.2	98.9
2001	109	101.3	90.8	100.1	106.7	90.0	88.9	99.2
2002	108	101.4	90.6	99.6	106.4	90.6	89.3	99.1
2003	64	101.8	91.2	100.3	106.7	90.5	88.6	99.1
2004	71	101.7	92.6	100.7	106.6	91.6	89.5	98.7
2005	58	101.9	91.8	100.7	106.9	90.8	88.9	101.0
2006	49	102.6	91.9	101.1	107.4	90.1	89.1	99.4
2007	40	101.4	91.6	100.5	106.6	90.5	89.2	100.4
2008	34	103.2	91.9	101.9	108.3	89.8	89.0	101.6
2009	19	104.2	92.7	102.5	108.5	90.1	89.7	100.6
2010	14	102.9	91.9	101.8	108.9	89.3	89.2	100.9
2011	20	102.0	90.5	101.6	108.0	89.0	88.8	100.1
2012	24	104.5	91.7	102.5	108.8	89.7	89.2	100.1
2013	29	104.4	92.2	102.0	108.3	90.2	89.5	101.1
2014	39	103.6	92.0	101.3	107.3	91.0	88.7	99.1
2015	22	102.2	92.4	100.5	106.4	92.3	90.0	98.7

Tabel: 51 Holstein - Fries Hollands zwartbont: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	23891	92.9	100.1	89.9	89.6
1981	41718	93.6	100.1	90.1	90.5
1982	71436	93.6	100.4	90.2	90.6
1983	86171	94.0	100.5	90.7	90.7
1984	76748	93.7	100.4	90.9	90.7
1985	59756	93.8	100.1	90.8	90.8
1986	45850	94.2	100.0	91.1	91.2
1987	30174	94.4	100.5	91.0	91.4
1988	19760	94.7	101.2	90.6	91.6

1989	13150	94.7	101.7	90.4	91.8
1990	8185	95.0	101.7	90.5	92.1
1991	4793	94.9	101.6	90.4	92.4
1992	2831	94.5	102.1	90.2	92.7
1993	1895	95.0	102.1	90.7	93.2
1994	1206	95.2	101.9	90.9	93.5
1995	821	95.6	101.9	91.5	94.1
1996	547	95.6	102.2	91.4	94.3
1997	343	95.7	102.2	91.5	94.5
1998	247	95.4	102.2	91.7	94.4
1999	137	95.9	102.2	92.1	94.8
2000	125	96.5	102.2	91.6	95.1
2001	109	96.9	101.1	92.4	95.3
2002	108	97.0	100.7	92.5	95.6
2003	64	96.5	101.2	92.1	95.4
2004	71	97.4	100.4	92.8	96.4
2005	58	97.4	102.0	92.1	96.0
2006	49	97.6	101.4	92.5	96.3
2007	40	96.7	101.5	91.5	95.3
2008	34	98.1	101.0	93.3	97.1
2009	19	97.2	101.3	92.4	95.8
2010	14	96.9	101.4	93.4	96.0
2011	20	97.5	101.4	92.5	97.0
2012	24	97.9	101.2	93.8	97.0
2013	29	98.4	100.2	94.7	97.7
2014	39	98.6	100.4	94.0	97.7
2015	22	100.1	99.4	95.0	99.5

Tabel: 52 Holstein - Fries Hollands zwartbont: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	23891	100.9	96.1	98.5	102.2	99.8	97.6	95.5
1981	41718	101.1	96.0	98.6	102.2	99.9	97.9	95.7
1982	71436	101.1	96.3	98.6	102.0	100.2	97.8	96.0
1983	86171	100.9	96.7	98.9	101.8	101.0	98.3	96.3
1984	76748	100.9	96.6	98.9	101.4	101.6	98.5	96.6
1985	59756	100.9	96.4	99.0	101.6	102.1	98.5	96.5
1986	45850	100.9	96.5	99.0	101.7	102.5	98.5	96.4
1987	30174	101.1	97.3	98.6	101.9	103.0	99.2	97.1
1988	19760	101.7	98.6	98.3	101.6	103.4	99.7	97.7
1989	13150	102.0	99.2	98.2	101.7	103.4	99.8	97.9
1990	8185	102.2	99.5	98.0	102.1	103.5	100.4	98.4
1991	4793	102.4	99.4	98.4	102.4	104.2	100.5	98.5
1992	2831	102.4	99.6	98.7	102.6	105.1	101.3	99.4
1993	1895	102.2	99.7	98.8	102.6	105.9	101.6	99.5
1994	1206	102.3	99.9	99.1	102.5	106.2	101.8	100.0
1995	821	102.6	100.3	99.3	102.8	106.3	102.0	100.4
1996	547	103.0	100.4	99.1	103.1	106.6	102.4	100.6
1997	343	103.5	101.0	98.7	103.6	106.4	102.5	101.0
1998	247	103.9	101.3	98.6	104.0	106.4	102.6	101.2
1999	137	103.3	101.4	98.8	103.3	106.6	102.6	101.2
2000	125	104.1	102.1	97.7	104.4	106.9	102.8	102.0
2001	109	103.9	103.3	98.3	104.4	106.3	102.9	102.1
2002	108	104.2	102.5	98.3	104.5	106.6	102.6	101.8
2003	64	104.3	103.8	97.2	105.1	106.7	103.6	102.9
2004	71	104.8	103.8	97.7	104.9	106.3	103.6	102.4
2005	58	104.1	104.3	97.8	104.2	106.5	103.9	103.3
2006	49	103.9	104.2	98.6	104.1	107.2	104.1	103.1
2007	40	103.8	103.5	97.7	104.5	106.5	103.8	102.9

2008	34	104.1	105.1	97.4	104.2	107.8	104.7	104.0
2009	19	104.1	103.2	98.8	104.5	108.2	104.0	103.0
2010	14	104.6	105.4	97.7	104.9	107.6	104.3	104.1
2011	20	104.8	104.3	99.0	104.7	108.8	104.5	103.7
2012	24	105.6	105.5	97.8	106.3	108.6	105.4	105.2
2013	29	104.2	104.9	97.6	105.2	108.1	105.0	104.0
2014	39	103.8	105.4	97.1	104.9	107.8	104.5	103.8
2015	22	104.5	105.6	97.0	105.1	107.1	104.4	103.8

Tabel: 53 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	23891	85.2	91.2	101.2	88.2	93.9	88.6
1981	41718	85.8	92.7	101.3	89.2	94.8	89.6
1982	71436	86.5	93.6	101.3	89.2	94.8	90.0
1983	86171	86.7	93.9	101.5	89.5	94.4	90.3
1984	76748	86.8	94.1	101.6	89.4	94.4	90.4
1985	59756	86.9	94.3	101.8	89.5	94.4	90.6
1986	45850	86.7	94.4	102.1	89.9	94.2	90.9
1987	30174	87.1	94.4	102.5	90.2	93.7	91.4
1988	19760	87.9	94.9	102.8	90.4	93.3	92.0
1989	13150	88.5	95.2	103.0	90.5	93.1	92.4
1990	8185	88.5	95.2	103.3	90.9	92.8	92.8
1991	4793	88.6	95.3	103.7	91.0	92.9	93.1
1992	2831	88.6	95.0	104.1	91.1	92.5	93.3
1993	1895	88.6	94.8	104.4	91.7	92.3	93.7
1994	1206	89.1	95.1	104.4	92.0	91.8	94.2
1995	821	89.2	95.3	104.7	92.7	92.1	94.7
1996	547	89.1	95.5	105.1	92.9	91.9	95.0
1997	343	89.3	95.6	105.4	93.0	92.1	95.3
1998	247	89.2	95.8	105.7	93.0	92.5	95.4
1999	137	90.2	96.3	105.3	93.5	92.3	95.9
2000	125	90.7	96.5	106.0	93.7	92.5	96.4
2001	109	90.5	96.3	105.8	93.9	92.7	96.4
2002	108	90.6	96.5	106.0	93.9	92.9	96.7
2003	64	90.6	96.6	106.3	93.8	93.3	96.7
2004	71	91.4	97.7	106.5	95.1	94.7	97.9
2005	58	92.0	97.7	106.0	94.8	94.1	97.7
2006	49	91.4	97.2	106.2	95.1	93.4	97.7
2007	40	91.6	97.0	105.9	94.0	94.0	96.9
2008	34	92.8	98.0	106.5	96.0	93.7	98.9
2009	19	92.9	98.3	106.7	94.8	93.7	98.3
2010	14	92.6	98.0	106.8	95.1	92.6	98.5
2011	20	91.1	96.3	107.2	95.5	92.0	98.3
2012	24	92.3	97.7	108.0	95.9	93.3	99.4
2013	29	92.9	98.3	107.1	96.6	94.0	99.6
2014	39	91.2	97.6	106.7	96.5	94.2	98.6
2015	22	91.8	98.1	106.7	98.4	95.4	100.0

Tabel: 54 Holstein - Fries Hollands zwartbont: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	44854	102.8	102.7	105.2	103.4	103.3	103.0	93.5	104.5
1981	79167	102.1	102.8	104.6	103.2	102.7	102.3	94.0	104.2

1982	138007	101.7	102.7	104.3	102.9	102.4	102.1	94.4	103.8
1983	171575	101.8	102.1	104.0	102.4	102.1	101.9	94.9	103.4
1984	163977	102.0	101.8	103.9	102.3	102.2	101.8	95.1	103.3
1985	133864	102.1	101.7	103.7	102.1	102.1	101.5	94.9	103.1
1986	112581	101.8	101.5	103.2	101.8	101.8	101.0	95.1	102.7
1987	84736	101.6	101.3	102.8	101.5	101.7	101.9	96.1	102.4
1988	58581	101.4	100.6	102.2	100.8	101.4	102.3	96.8	101.7
1989	41664	100.9	100.1	101.6	100.2	100.9	101.8	97.9	101.0
1990	26796	100.4	100.2	101.3	100.1	100.6	101.6	98.3	100.8
1991	15994	100.3	99.8	100.9	99.7	100.4	101.8	98.6	100.4
1992	9336	100.1	99.6	100.6	99.4	100.3	102.3	98.9	100.0
1993	6836	100.3	99.3	100.5	99.2	100.6	102.8	99.3	99.9
1994	4620	100.0	99.0	100.1	98.8	100.3	102.6	99.8	99.4
1995	3387	99.8	98.7	99.6	98.3	100.1	102.5	99.8	98.9
1996	2460	99.5	98.5	99.3	98.1	100.0	102.8	100.5	98.6
1997	1623	99.4	98.4	99.1	98.0	99.9	102.4	100.5	98.4
1998	1221	99.3	98.5	99.0	97.9	99.6	102.2	100.6	98.3
1999	812	99.1	98.3	98.6	97.6	99.4	101.9	100.7	98.0
2000	642	99.3	98.3	98.7	97.7	99.4	101.6	100.6	98.0
2001	495	99.3	98.0	98.6	97.4	99.3	101.5	100.8	97.9
2002	406	99.3	98.0	98.5	97.4	99.2	101.2	100.5	97.8
2003	359	99.5	98.0	98.7	97.6	99.4	101.6	100.5	98.0
2004	397	99.8	97.9	98.9	97.7	99.5	101.5	100.1	98.1
2005	311	99.6	97.6	98.5	97.2	99.3	101.4	100.5	97.7
2006	334	99.6	97.7	98.6	97.3	99.4	101.2	100.0	97.8
2007	330	99.9	97.1	98.4	96.9	99.5	101.5	100.6	97.5
2008	334	100.2	96.9	98.3	96.8	99.4	101.5	100.3	97.4
2009	297	100.0	97.3	98.6	97.2	99.7	101.5	100.9	97.7
2010	242	100.0	97.5	98.9	97.4	99.8	101.5	101.4	98.0
2011	292	99.9	98.0	98.9	97.8	99.8	101.1	100.8	98.2
2012	299	99.8	97.6	98.8	97.5	99.6	100.9	100.1	98.0
2013	283	99.8	97.7	98.6	97.6	99.6	100.8	100.6	97.9
2014	294	99.7	97.2	98.4	97.0	99.4	100.8	100.7	97.5
2015	200	100.1	97.9	99.3	97.9	99.9	100.9	100.6	98.5
2016	13	99.8	97.5	98.9	97.6	99.8	100.8	101.2	98.2

Tabel: 55 Holstein - Fries Hollands zwartbont: Gebruikskennmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	9213	96.8	90.3	100.1	105.2	106.5
1981	16248	96.4	91.3	99.6	104.7	106.0
1982	27250	96.5	91.8	99.2	104.3	105.3
1983	33230	96.9	92.0	99.0	103.8	104.9
1984	31630	97.2	92.8	98.7	103.4	104.4
1985	25802	97.2	93.2	98.7	103.3	104.5
1986	22174	97.3	94.0	98.6	103.0	104.2
1987	16565	97.1	94.9	98.5	103.0	103.9
1988	11763	97.0	95.4	98.6	102.9	103.7
1989	8462	97.7	95.4	98.1	101.9	102.9
1990	5862	97.7	95.5	97.8	101.5	102.7
1991	3951	97.2	95.1	97.6	101.1	102.1
1992	2826	96.8	95.3	97.5	100.7	101.8
1993	1866	96.7	96.0	97.8	101.0	102.0
1994	1195	96.6	95.8	97.8	100.8	101.6
1995	781	97.2	96.0	97.7	100.7	101.3
1996	518	97.4	96.3	97.8	100.7	101.1
1997	323	97.4	95.9	98.1	100.8	101.2
1998	235	97.4	96.5	98.0	100.6	101.1
1999	131	97.1	96.0	97.7	100.2	100.7

2000	113	98.2	97.2	97.8	100.2	100.7
2001	88	98.4	98.1	97.9	100.2	100.8
2002	91	98.0	97.3	98.1	100.1	100.6
2003	61	98.9	98.2	98.0	99.5	100.4
2004	62	98.2	98.0	98.1	100.0	100.5
2005	43	98.4	96.0	98.4	99.9	100.9
2006	42	97.8	99.2	98.9	100.2	100.9
2007	31	97.4	99.0	98.0	99.3	100.2
2008	30	98.9	98.8	98.4	99.2	100.0
2009	11	99.4	90.8	98.5	99.4	100.2
2010	12	98.2	99.2	98.9	100.1	100.3
2011	19	98.5	98.9	99.1	99.8	99.9
2012	18	98.0	98.7	99.0	100.0	100.3
2013	24	99.2	99.2	99.6	100.5	100.4
2014	38	99.9	97.7	99.4	100.3	100.1
2015	21	98.7	99.7	99.6	100.5	100.5

Tabel: 56 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	14415	-92.4	-247.7	-16.0	106.7	104.5	101.2	88.2	97.1
1981	26971	-86.9	-221.0	-47.2	106.1	104.2	101.3	89.2	97.0
1982	47343	-93.8	-212.8	-62.2	105.5	103.8	101.3	89.2	96.6
1983	63051	-90.9	-193.8	-91.3	105.0	103.4	101.5	89.5	96.8
1984	74341	-107.7	-188.6	-199.5	104.5	103.3	101.6	89.4	96.7
1985	73673	-113.4	-185.6	-272.1	104.5	103.1	101.8	89.5	96.5
1986	69706	-111.9	-168.2	-308.0	104.1	102.7	102.1	89.9	96.2
1987	56473	-106.0	-152.2	-335.0	103.9	102.4	102.5	90.2	96.0
1988	45598	-101.6	-133.8	-337.9	103.7	101.7	102.8	90.4	96.1
1989	34391	-102.4	-118.9	-346.7	102.8	101.0	103.0	90.5	95.9
1990	21584	-96.9	-108.1	-334.4	102.4	100.8	103.3	90.9	95.9
1991	12545	-90.4	-86.9	-304.0	101.9	100.4	103.7	91.0	96.4
1992	7203	-79.5	-60.9	-253.5	101.5	100.0	104.1	91.1	96.7
1993	5463	-68.4	-47.9	-235.1	101.7	99.9	104.4	91.7	97.1
1994	3636	-56.9	-24.9	-199.5	101.4	99.4	104.4	92.0	97.5
1995	2719	-48.8	-8.8	-156.0	101.2	98.9	104.7	92.7	97.4
1996	1997	-39.2	8.6	-119.5	101.0	98.6	105.1	92.9	97.6
1997	1267	-34.6	17.0	-115.4	101.2	98.4	105.4	93.0	97.7
1998	966	-35.6	19.3	-120.8	101.0	98.3	105.7	93.0	97.7
1999	647	-28.0	41.8	-103.9	100.5	98.0	105.3	93.5	97.7
2000	515	-22.3	54.8	-94.3	100.5	98.0	106.0	93.7	97.8
2001	387	-22.0	54.1	-81.0	100.6	97.9	105.8	93.9	97.8
2002	310	-17.7	66.7	-74.2	100.4	97.8	106.0	93.9	97.9
2003	252	-20.6	62.0	-83.7	100.0	98.0	106.3	93.8	98.0
2004	267	-10.4	77.4	-70.3	100.3	98.1	106.5	95.1	98.1
2005	215	-11.5	75.2	-60.8	100.5	97.7	106.0	94.8	98.5
2006	248	1.4	87.3	-25.4	100.7	97.8	106.2	95.1	98.7
2007	235	-0.3	109.1	-41.0	99.8	97.5	105.9	94.0	98.7
2008	226	-4.9	92.0	-38.9	99.6	97.4	106.5	96.0	98.8
2009	186	4.0	97.2	-44.4	99.8	97.7	106.7	94.8	99.2
2010	150	25.3	135.0	41.4	100.2	98.0	106.8	95.1	99.0
2011	172	23.2	129.5	39.0	99.8	98.2	107.2	95.5	99.3
2012	188	25.5	134.4	62.2	100.2	98.0	108.0	95.9	99.2
2013	217	30.9	142.8	97.0	100.5	97.9	107.1	96.6	99.3
2014	232	46.4	173.9	107.2	100.2	97.5	106.7	96.5	99.7
2015	146	49.6	150.5	126.4	100.6	98.5	106.7	98.4	99.8

Tabel: 57 Holstein - Fries Hollands zwartbont: Klauwgezondheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1983	505	97.0	96.7	98.6	96.6	99.0	104.3	99.5
1984	563	97.0	96.7	98.6	96.6	99.1	104.2	99.5
1985	675	96.9	96.6	98.6	96.4	99.0	104.2	99.5
1986	950	96.9	96.6	98.6	96.5	98.8	104.2	99.4
1987	611	96.5	96.4	98.4	96.2	98.5	103.9	99.4
1988	765	96.3	95.6	98.9	96.8	96.6	103.4	99.4
1989	752	96.6	95.6	99.3	97.3	96.1	103.4	99.3
1990	586	96.8	95.7	99.5	97.5	96.0	103.6	99.3
1991	716	97.6	96.0	100.2	98.3	96.4	103.3	100.3
1992	527	98.1	96.1	100.6	98.8	96.6	103.4	100.6
1993	342	97.9	96.3	100.2	98.6	96.4	103.3	100.5
1994	221	97.5	96.3	100.1	97.9	96.5	103.4	100.0
1995	283	96.9	97.0	99.6	96.5	96.9	102.4	99.3
1996	191	97.0	97.5	99.4	96.4	97.1	102.2	99.2
1997	142	97.2	97.6	99.6	96.7	96.8	102.2	99.0
1998	146	96.8	97.4	99.4	96.4	96.8	101.6	98.9
1999	81	95.9	96.5	99.0	96.1	95.6	101.3	98.4
2000	68	96.6	96.8	99.4	96.6	96.0	101.9	98.6
2001	40	96.8	97.1	99.4	96.6	96.4	102.4	98.4
2002	47	96.1	96.4	99.2	96.7	95.2	102.2	98.3
2003	46	96.4	96.3	99.2	96.7	95.9	102.2	98.9
2004	52	97.3	97.5	99.4	97.5	96.8	101.7	99.4
2005	37	96.8	96.2	99.7	97.4	95.8	102.4	98.9
2006	30	95.8	96.5	98.6	95.7	96.2	101.7	98.7
2007	12	97.1	97.8	99.2	96.4	97.5	102.1	100.0
2008	16	96.6	97.0	98.6	97.2	96.1	102.1	99.4
2014	14	97.9	97.1	99.2	98.3	97.3	105.1	100.1

Tabel: 58 Holstein - Fries Hollands zwartbont: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	10727	97.2	97.8	97.2	97.8	99.6	97.9
1981	20587	97.1	97.9	97.1	97.9	99.5	97.9
1982	36395	97.0	97.8	97.0	97.8	99.3	97.4
1983	46369	97.2	97.7	97.2	97.7	99.4	97.5
1984	47768	97.5	97.3	97.5	97.3	99.5	97.1
1985	42120	97.1	97.2	97.1	97.2	99.1	96.8
1986	39248	96.9	97.1	96.9	97.1	99.0	96.9
1987	31567	96.9	96.9	96.9	96.9	99.2	97.1
1988	24301	97.3	96.9	97.3	96.9	99.7	97.5
1989	19386	97.1	97.0	97.1	97.0	99.7	97.7
1990	14473	97.3	96.9	97.3	96.9	99.6	97.5
1991	10307	97.9	97.2	97.9	97.2	99.9	97.5
1992	6633	98.3	97.3	98.3	97.3	100.2	97.5
1993	5380	98.7	97.4	98.7	97.4	100.3	97.8
1994	3663	99.1	97.6	99.1	97.6	100.6	97.9
1995	3061	99.5	97.4	99.5	97.4	100.8	97.6
1996	2312	99.6	97.4	99.6	97.4	101.0	97.6
1997	1628	99.7	97.5	99.7	97.5	100.7	97.9
1998	1296	99.8	97.4	99.8	97.4	100.9	97.6
1999	964	99.6	97.5	99.6	97.5	100.8	97.6
2000	785	99.4	97.8	99.4	97.8	100.7	97.6
2001	548	99.4	97.9	99.4	97.9	100.5	97.6

2002	490	99.4	97.9	99.4	97.9	100.8	97.8
2003	442	99.6	97.9	99.6	97.9	100.9	97.6
2004	473	99.7	97.9	99.7	97.9	101.0	97.6
2005	358	99.9	98.3	99.9	98.3	101.1	97.8
2006	343	100.1	98.4	100.1	98.4	101.2	98.1
2007	342	99.9	98.5	99.9	98.5	101.2	97.9
2008	340	99.7	98.7	99.7	98.7	101.2	98.1
2009	316	100.1	99.0	100.1	99.0	101.7	98.3
2010	257	100.2	98.6	100.2	98.6	101.9	98.3
2011	293	100.4	98.8	100.4	98.8	101.9	98.3
2012	336	100.5	98.4	100.5	98.4	102.4	98.0
2013	314	100.2	98.9	100.2	98.9	102.2	98.5
2014	315	100.4	98.6	100.4	98.6	102.1	98.1
2015	261	100.8	98.2	100.8	98.2	102.5	97.8
2016	187	100.5	99.1	100.5	99.1	102.3	98.6
2017	178	100.5	95.4	100.5	95.4	102.4	94.9
2018	24	100.2	95.2	100.2	95.2	102.5	94.7

Tabel: 59 Holstein - Fries Hollands zwartbont: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	13606	104.4	102.2	96.3	85.5	86.2	88.4
1981	23345	104.1	102.0	96.6	88.1	88.4	91.7
1982	39858	103.0	102.5	97.6	90.3	90.5	94.5
1983	66870	102.6	102.2	97.9	92.4	92.5	96.0
1984	65586	102.5	102.3	98.1	93.2	93.7	97.5
1985	52088	103.1	102.1	97.5	92.9	93.8	97.1
1986	42702	103.1	102.1	97.5	93.5	95.0	97.8
1987	29854	102.3	101.9	98.2	94.4	95.0	97.8
1988	20189	102.1	101.8	98.4	94.9	94.8	97.1
1989	13303	101.5	101.7	98.8	94.4	94.9	97.6
1990	8390	101.7	101.2	98.7	93.7	94.7	97.8
1991	5692	101.9	101.1	98.4	93.8	94.8	98.0
1992	3553	101.9	100.8	98.2	93.7	94.3	97.5
1993	2387	102.3	101.0	97.9	92.8	93.1	96.0
1994	1588	102.1	101.3	98.2	91.4	91.5	94.2
1995	1092	101.0	101.6	99.6	89.4	89.8	93.1
1996	839	101.0	101.3	99.5	92.3	93.0	96.1
1997	486	100.9	101.3	99.6	94.2	94.4	97.2
1998	387	101.4	100.8	99.1	93.6	94.5	97.0
1999	288	101.3	101.0	99.3	93.5	94.5	96.9
2000	230	100.7	101.5	99.9	94.2	95.2	98.1
2001	188	100.8	101.3	99.8	92.4	93.6	96.3
2002	182	101.0	101.2	99.6	96.8	97.3	100.1
2003	149	101.3	100.7	99.2	94.1	94.6	97.1
2004	157	101.2	100.8	99.3	95.0	95.6	97.9
2005	149	101.1	101.1	99.6	93.0	93.4	95.9
2006	159	101.2	100.5	99.5	93.6	94.2	97.2
2007	212	101.4	100.5	99.3	90.9	91.4	94.2
2008	199	100.9	100.7	99.7	96.4	96.5	99.5
2009	157	101.4	100.2	99.3	95.5	95.0	97.8
2010	138	101.3	100.4	99.3	96.8	97.2	100.0
2011	158	101.8	99.6	98.8	92.0	92.3	94.3
2012	185	101.2	98.9	99.4	96.0	95.3	97.2
2013	162	100.9	98.8	99.7	96.1	94.2	96.1
2014	201	100.8	98.2	99.8	96.3	94.0	95.8
2015	141	101.7	98.8	99.1	92.7	91.2	92.9
2016	111	101.2	99.2	99.4	96.0	93.6	95.3
2017	77	101.3	99.6	99.5	83.4	82.2	83.6

Tabel: 60 Holstein - Fries Hollands zwartbont: Vleeskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	140	99.1	95.6	98.3	95.0	98.8	97.1	100.5	97.2	100.1	96.3	95.5
1981	255	98.9	95.7	97.9	95.7	99.0	96.7	100.7	96.4	99.6	95.4	95.6
1982	425	99.3	95.3	98.5	95.5	99.0	96.8	101.3	96.5	99.6	96.0	95.7
1983	527	99.2	94.5	99.3	95.4	98.6	97.0	101.3	96.4	99.1	96.4	95.2
1984	529	99.0	94.4	99.3	95.3	98.6	97.2	101.1	96.1	99.1	96.0	96.1
1985	519	98.7	94.3	99.5	95.0	98.2	97.5	100.7	96.1	98.8	95.8	95.8
1986	433	98.4	94.0	99.8	95.0	97.8	97.8	100.6	95.9	98.5	96.2	96.1
1987	331	98.6	93.4	100.2	94.9	97.8	97.8	100.5	96.8	98.4	96.4	96.1
1988	241	98.2	92.0	100.9	94.7	96.4	98.1	100.1	97.3	97.2	96.2	95.4
1989	203	97.9	90.9	101.2	94.6	95.6	98.0	100.0	97.5	96.6	96.3	94.7
1990	172	97.9	90.6	101.0	95.0	95.1	97.8	99.9	98.1	96.0	95.9	94.9
1991	95	97.9	90.3	101.7	95.0	95.0	98.2	100.1	97.7	96.1	96.7	95.6
1992	72	97.9	89.8	101.9	95.3	94.2	98.6	99.9	98.3	96.1	96.7	96.3
1993	51	97.0	88.7	102.7	94.7	92.8	99.3	99.3	98.1	95.4	97.4	95.4
1994	35	97.8	88.9	103.4	94.9	92.9	99.3	99.8	99.2	95.1	97.5	96.6
1995	19	97.1	88.4	102.8	94.7	92.1	99.2	99.6	98.5	94.2	97.3	95.7
1996	35	96.5	87.6	103.8	93.6	92.1	99.9	98.6	98.6	95.3	97.4	96.1
1997	23	96.6	88.8	103.1	94.6	91.7	100.4	98.6	99.3	94.7	98.0	96.0
1998	15	96.1	87.8	102.8	94.1	91.7	99.2	98.1	99.2	94.3	96.9	95.1
1999	10	97.4	88.4	103.8	94.3	92.7	99.1	98.9	99.7	96.0	97.4	97.0

Tabel: 61 Holstein - Fries Hollands zwartbont: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	11045	102.1	98.7	100.0
1981	21133	101.5	98.2	99.9
1982	37462	101.1	97.8	99.7
1983	47746	101.3	98.2	99.5
1984	49460	101.4	98.2	99.2
1985	43642	100.8	97.9	99.3
1986	40877	100.4	97.6	99.0
1987	32804	100.5	97.6	99.3
1988	25441	101.2	97.8	100.2
1989	20317	100.7	97.4	99.7
1990	15156	101.2	97.9	99.6
1991	10404	101.1	98.1	99.6
1992	6456	101.3	98.3	100.0
1993	6134	101.6	98.5	100.1
1994	5747	101.7	98.6	100.4
1995	4278	102.3	98.9	100.8
1996	3202	102.3	99.0	100.7
1997	2296	102.4	98.9	101.1
1998	1711	102.3	98.7	101.0
1999	1277	102.5	98.8	100.9
2000	1003	102.3	98.7	100.7
2001	697	102.5	98.9	100.7
2002	576	102.2	98.8	100.3
2003	521	102.1	98.8	100.3
2004	578	102.4	99.2	100.1
2005	444	102.7	99.2	100.2

2006	411	102.7	99.2	100.0
2007	402	103.1	99.5	100.0
2008	420	102.7	99.2	100.2
2009	398	102.8	99.3	100.6
2010	308	103.2	99.7	100.7
2011	335	103.8	100.4	100.3
2012	411	103.6	100.3	100.3
2013	356	104.1	100.7	100.6
2014	359	104.5	101.0	100.9
2015	295	104.2	100.7	100.8
2016	238	103.8	100.4	100.9
2017	211	104.1	100.7	100.8
2018	23	104.1	100.7	101.3

Tabel: 62 Holstein - Fries Hollands zwartbont: Levensproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	389	-731.4	-1781.1	-110.6	-115.8
2002	320	-642.1	-1321.2	-98.1	-101.9
2003	255	-714.5	-1654.1	-109.5	-112.6
2004	274	-570.0	-1164.3	-86.2	-91.0
2005	222	-516.9	-766.6	-86.0	-79.4
2006	250	-248.5	219.4	-33.8	-44.0
2007	240	-268.3	379.4	-49.5	-41.4
2008	230	-291.6	246.1	-45.5	-48.6
2009	192	-311.8	129.3	-53.9	-48.9
2010	156	383.5	3023.4	72.8	46.3
2011	180	355.6	2580.7	73.1	40.8
2012	201	521.2	3459.0	98.7	65.2
2013	226	817.2	4641.1	145.9	109.3
2014	236	1021.2	5341.8	181.4	138.5
2015	148	1056.8	5272.8	185.7	145.2

Tabel: 63 Holstein - Fries Hollands zwartbont: Robot / AMS kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Eff	Int	Gewen
1980	280	96.8	105.9	98.7
1981	867	96.6	105.4	99.0
1982	847	97.4	105.1	98.6
1983	1781	98.9	106.4	98.3
1984	1663	98.9	106.1	98.1
1985	1342	99.5	105.9	98.0
1986	1384	99.5	105.9	98.0
1987	1352	98.9	104.7	98.4
1988	1439	99.1	104.7	99.2
1989	1014	99.2	105.0	98.9
1990	718	99.0	104.8	99.1
1991	463	97.8	106.3	97.9
1992	272	98.4	107.6	96.9
1993	225	97.8	107.5	97.1
1994	139	98.2	107.3	97.5
1995	96	98.4	107.7	96.9
1996	70	98.5	107.1	97.5
1997	41	98.6	108.3	97.2

1998	37	99.2	107.3	97.0
1999	29	99.2	106.7	98.4
2000	28	99.6	106.9	98.2
2001	15	99.5	105.2	98.0
2002	26	100.1	105.0	97.5
2003	24	100.3	106.3	98.4
2004	25	99.8	106.5	97.7
2005	16	100.0	105.8	97.9
2006	36	99.6	105.1	98.1
2007	32	100.4	105.1	98.1
2008	24	100.5	107.3	97.7
2009	19	99.3	105.1	97.7
2010	25	100.0	107.3	97.7
2011	28	99.4	106.7	98.3
2012	11	98.8	107.2	98.2
2013	29	100.3	109.4	98.3
2014	42	100.0	110.5	98.0
2015	26	99.2	110.2	98.2

Tabel: 64 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.

Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	14420	97.4	102.8	26	-2.8	0	0.0
1981	26974	97.4	103.1	29	-2.6	0	0.0
1982	47355	97.7	103.2	49	-2.8	0	0.0
1983	63053	97.7	102.5	54	-2.6	0	0.0
1984	74345	97.5	102.1	60	-2.1	0	0.0
1985	73675	97.2	102.0	59873	-3.0	0	0.0
1986	69709	97.3	102.2	45941	-2.9	0	0.0
1987	56476	97.6	101.9	30276	-2.6	0	0.0
1988	45600	97.9	101.1	19853	-2.3	0	0.0
1989	34392	97.8	100.6	13207	-2.1	0	0.0
1990	21585	97.7	100.4	8205	-2.0	0	0.0
1991	12545	97.9	100.8	4822	-1.8	0	0.0
1992	7205	97.9	100.9	2857	-1.7	0	0.0
1993	5463	97.7	100.5	1922	-1.5	0	0.0
1994	3636	98.4	100.3	1223	-1.4	0	0.0
1995	2719	98.4	100.4	847	-1.2	0	0.0
1996	1997	98.9	100.4	580	-1.1	0	0.0
1997	1267	99.0	100.1	361	-1.0	0	0.0
1998	966	99.3	100.3	267	-0.9	0	0.0
1999	647	99.3	99.6	142	-0.7	0	0.0
2000	515	99.5	99.6	136	-0.5	0	0.0
2001	387	99.6	99.2	119	-0.5	109	90.6
2002	310	99.2	99.3	119	-0.5	108	90.8
2003	252	99.6	100.2	76	-0.2	64	91.5
2004	267	100.1	100.4	88	-0.2	71	92.6
2005	215	100.5	99.6	71	-0.2	58	92.4
2006	248	100.0	100.4	66	-0.1	48	91.9
2007	235	99.5	98.7	55	-0.2	37	92.1
2008	226	99.9	99.2	59	0.3	34	92.9
2009	186	98.7	98.9	27	0.3	18	93.4
2010	150	99.8	98.7	17	0.6	14	92.2
2011	172	100.5	100.1	34	0.5	20	90.6
2012	188	101.0	99.1	36	0.5	24	93.0
2013	217	100.6	99.4	44	0.7	28	93.5
2014	232	101.2	99.9	55	0.9	39	92.8
2015	146	101.2	100.2	37	0.6	22	92.9

Tabel: 65 Fries Hollands - zwartbont: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	22942	-1121.6	-37.5	-49.9	-60.8	24.2	-16.0	-17.4	-301.8
1981	20340	-1143.1	-37.8	-49.8	-61.8	25.5	-14.4	-17.5	-302.3
1982	14784	-1131.8	-37.1	-49.1	-61.3	25.9	-13.6	-17.4	-297.4
1983	12665	-1053.2	-34.1	-46.9	-57.7	24.5	-14.7	-17.3	-281.5
1984	9281	-993.7	-31.4	-45.2	-55.0	24.5	-15.3	-17.1	-267.8
1985	7291	-980.3	-30.3	-44.4	-54.3	25.5	-14.7	-17.1	-262.0
1986	4976	-966.4	-29.2	-43.8	-53.7	26.3	-14.5	-17.1	-256.8
1987	3539	-955.1	-28.7	-43.2	-53.2	26.3	-14.2	-17.0	-253.5
1988	3281	-980.0	-30.0	-43.9	-54.3	26.0	-13.7	-17.1	-259.2
1989	2945	-926.0	-27.8	-41.4	-51.9	25.4	-12.8	-17.0	-243.8
1990	2492	-890.3	-26.4	-40.0	-50.2	24.8	-12.6	-16.9	-234.7
1991	2097	-858.0	-24.8	-37.8	-48.8	25.0	-10.7	-16.8	-221.9
1992	1808	-837.1	-24.5	-37.5	-47.8	23.8	-11.3	-16.8	-219.5
1993	1640	-789.2	-23.0	-35.5	-45.6	22.4	-11.0	-16.7	-207.7
1994	1612	-733.0	-20.7	-33.7	-43.1	21.8	-11.2	-16.6	-194.7
1995	1497	-673.1	-19.2	-31.7	-40.3	19.5	-11.5	-16.4	-182.3
1996	1421	-606.2	-16.6	-29.2	-37.3	18.7	-11.4	-16.3	-165.9
1997	1163	-565.8	-15.2	-27.2	-35.4	17.8	-10.5	-16.2	-154.0
1998	1050	-513.0	-12.7	-24.4	-33.0	17.8	-8.9	-16.1	-136.6
1999	898	-458.0	-10.8	-22.7	-30.5	16.8	-9.4	-16.0	-124.9
2000	791	-401.3	-8.8	-20.0	-27.4	15.6	-8.3	-15.0	-108.8
2001	742	-347.5	-6.8	-18.4	-19.9	14.9	-8.8	-6.4	-95.6
2002	592	-317.4	-5.4	-17.0	-17.2	15.0	-8.4	-4.2	-86.2
2003	565	-256.9	-3.6	-15.8	-14.7	13.3	-9.9	-4.7	-76.7
2004	516	-264.5	-4.1	-16.6	-14.1	13.0	-10.9	-3.0	-81.1
2005	417	-206.7	-3.3	-14.5	-12.6	10.0	-10.8	-4.8	-70.1
2006	431	-123.7	0.8	-11.2	-9.1	10.7	-10.1	-5.5	-46.8
2007	389	-175.6	-1.2	-11.6	-11.4	11.1	-7.9	-5.3	-53.7
2008	410	-180.3	0.2	-11.9	-12.7	13.9	-7.8	-7.0	-51.9
2009	306	-130.1	-0.0	-11.3	-10.0	9.8	-9.9	-6.3	-49.6
2010	295	-18.8	5.3	-7.7	-5.6	10.2	-10.6	-7.4	-22.3
2011	274	-15.1	6.5	-6.5	-5.2	11.9	-8.8	-7.0	-14.7
2012	256	16.6	8.2	-4.2	-4.2	12.1	-7.1	-7.7	-1.4
2013	250	42.8	9.0	-4.1	-3.3	11.4	-8.6	-8.1	1.0
2014	252	102.7	11.7	-2.1	-1.1	11.5	-8.7	-8.9	15.7
2015	144	101.5	11.4	-1.7	-0.1	11.2	-8.0	-7.3	16.7

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 66 Fries Hollands - zwartbont: Exterieurkenmerken bouw
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	80865	88.7	90.3	91.0	95.0	94.6	86.5	96.5
1981	67392	89.1	90.7	91.4	95.5	95.0	86.5	96.9
1982	42306	89.3	90.7	91.7	95.8	94.9	86.6	97.2
1983	24604	89.7	90.6	91.8	96.3	94.9	86.4	97.4
1984	10758	90.2	90.1	91.6	96.7	94.6	86.2	97.2
1985	5594	90.4	90.0	91.6	96.9	94.4	86.1	97.4
1986	2850	90.6	90.1	91.8	97.1	94.4	85.9	97.3
1987	1532	90.6	90.1	92.0	97.1	94.2	85.8	97.6
1988	1085	90.8	90.1	92.2	97.3	94.1	85.7	97.8

1989	833	91.6	90.0	92.4	97.8	94.0	85.7	98.1
1990	745	91.8	90.0	92.3	97.9	94.1	85.6	98.2
1991	536	92.4	90.4	92.7	98.1	94.6	85.9	98.3
1992	516	92.6	90.2	93.0	98.5	94.1	85.7	98.8
1993	484	93.0	90.6	93.3	98.7	94.5	85.6	99.1
1994	404	93.1	90.6	93.4	98.8	94.3	86.0	99.5
1995	386	93.9	90.6	93.6	99.0	94.4	85.9	100.1
1996	394	94.0	90.8	93.9	99.2	94.6	86.2	100.2
1997	282	93.9	91.0	93.9	99.1	94.8	86.2	100.1
1998	259	93.9	90.6	94.2	99.5	94.4	85.9	100.0
1999	257	94.1	90.5	94.0	99.4	94.2	85.7	100.4
2000	327	94.1	90.6	94.1	99.4	94.2	85.8	100.4
2001	304	94.1	91.1	94.6	99.6	94.2	85.8	100.3
2002	244	93.8	90.7	94.2	99.3	94.0	85.6	100.0
2003	240	93.8	91.3	94.9	99.5	94.1	85.9	100.4
2004	218	93.7	91.3	95.0	99.4	94.2	85.9	100.0
2005	167	93.7	91.0	94.8	99.4	93.9	85.7	99.9
2006	148	94.0	90.9	94.6	99.6	93.9	86.1	100.1
2007	83	93.1	91.1	94.9	99.3	93.5	85.8	99.5
2008	74	93.6	90.9	95.0	99.6	93.3	86.1	99.7
2009	54	93.4	90.8	95.2	99.7	93.0	86.1	99.1
2010	28	92.8	90.2	94.7	99.0	92.1	85.7	99.5
2011	31	91.2	89.3	93.6	98.1	91.7	85.8	97.0
2012	21	91.3	89.5	93.5	98.5	92.2	85.8	97.8
2013	20	92.0	89.3	93.9	98.8	91.8	85.7	97.3

Tabel: 67 Fries Hollands - zwartbont: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	80865	92.5	97.0	87.9	88.1
1981	67392	92.1	97.2	87.8	87.9
1982	42306	91.8	97.5	87.6	87.6
1983	24604	92.0	98.2	88.0	87.6
1984	10758	92.1	98.5	88.3	87.7
1985	5594	92.3	98.6	88.2	87.7
1986	2850	92.4	98.4	88.5	88.0
1987	1532	92.5	98.6	88.3	88.0
1988	1085	92.6	98.6	88.2	88.2
1989	833	93.4	98.5	88.9	88.9
1990	745	93.6	98.5	89.1	89.3
1991	536	93.9	98.6	89.1	89.6
1992	516	94.0	99.2	89.1	89.9
1993	484	94.1	99.4	89.2	90.0
1994	404	94.2	99.4	89.3	90.3
1995	386	94.7	99.6	89.2	90.7
1996	394	94.8	99.3	89.5	90.9
1997	282	94.9	99.3	89.5	91.1
1998	259	95.0	99.4	89.4	91.4
1999	257	95.8	99.1	90.0	92.2
2000	327	95.6	99.3	89.7	92.0
2001	304	95.4	99.4	89.5	91.8
2002	244	95.4	99.2	89.7	91.8
2003	240	95.5	99.5	89.5	92.0
2004	218	96.0	99.1	90.1	92.7
2005	167	96.0	99.1	90.0	92.7
2006	148	95.5	99.1	89.9	92.2
2007	83	95.9	98.6	90.2	92.6
2008	74	95.8	98.9	90.4	92.7
2009	54	96.0	98.9	90.2	92.9

2010	28	96.1	99.0	90.3	93.2
2011	31	96.7	98.6	90.8	94.0
2012	21	96.4	99.2	90.4	93.6
2013	20	96.9	99.0	90.5	94.2

Tabel: 68 Fries Hollands - zwartbont: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	80865	98.1	94.7	98.3	99.9	95.8	95.5	93.8
1981	67392	98.1	94.9	98.3	100.1	95.6	95.6	93.8
1982	42306	98.2	95.1	98.2	100.1	95.6	95.7	94.1
1983	24604	98.4	95.4	97.9	100.1	96.0	95.6	94.2
1984	10758	98.7	95.7	97.4	100.5	96.4	95.5	94.4
1985	5594	98.7	95.9	97.6	100.6	96.5	95.5	94.5
1986	2850	98.8	96.0	97.4	100.7	96.7	95.7	94.7
1987	1532	99.0	96.7	97.7	100.7	97.1	95.8	95.2
1988	1085	99.1	96.8	98.1	100.5	97.3	96.0	95.4
1989	833	99.4	97.5	97.9	101.1	97.4	96.7	96.3
1990	745	99.4	97.6	98.0	101.4	97.6	97.2	96.5
1991	536	100.0	98.2	97.6	101.8	97.6	97.3	96.7
1992	516	99.8	98.3	97.2	101.6	97.6	97.1	96.7
1993	484	100.3	98.6	97.2	101.6	97.7	97.2	96.8
1994	404	100.4	99.1	97.4	101.8	98.0	97.6	97.1
1995	386	100.5	99.6	97.2	102.1	97.9	97.8	97.6
1996	394	100.5	99.5	97.2	102.0	97.9	98.0	97.8
1997	282	100.5	99.4	97.3	102.2	98.3	98.5	98.0
1998	259	100.7	100.6	97.1	102.2	98.9	99.2	98.7
1999	257	100.8	101.0	96.8	102.6	98.7	99.5	99.3
2000	327	101.0	101.2	96.7	102.8	99.3	99.8	99.6
2001	304	100.4	100.7	97.1	102.0	98.6	98.9	98.8
2002	244	100.6	100.8	97.1	102.2	98.9	99.4	99.0
2003	240	100.6	100.7	97.1	102.0	98.9	99.2	99.1
2004	218	100.9	100.7	97.2	102.6	99.3	99.7	99.2
2005	167	100.9	100.6	96.7	102.3	99.1	99.8	99.4
2006	148	100.8	101.2	96.9	102.4	99.2	99.6	99.3
2007	83	100.3	99.7	97.8	101.8	99.5	99.2	98.5
2008	74	101.0	100.9	96.5	102.1	100.0	99.9	99.4
2009	54	101.4	101.2	97.2	102.4	99.8	100.0	99.5
2010	28	101.4	100.6	96.0	102.4	100.6	100.9	99.8
2011	31	100.7	99.8	95.8	102.0	100.4	100.7	99.4
2012	21	100.7	99.4	96.7	101.5	100.0	100.7	98.9
2013	20	100.2	99.7	95.7	101.7	100.3	100.8	99.9

Tabel: 69 Fries Hollands - zwartbont: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	80865	84.8	89.2	97.5	85.9	99.0	85.0
1981	67392	85.3	90.0	97.5	85.7	99.2	85.2
1982	42306	85.6	90.4	97.6	85.5	99.1	85.3
1983	24604	85.6	90.7	97.8	85.8	98.5	85.6
1984	10758	85.2	90.5	98.1	86.0	98.0	85.7
1985	5594	85.2	90.5	98.2	86.1	97.7	85.8
1986	2850	85.1	90.7	98.3	86.4	97.6	86.0
1987	1532	85.3	90.8	98.5	86.4	97.6	86.2

1988	1085	85.4	90.9	98.6	86.6	97.5	86.4
1989	833	85.6	91.3	99.0	87.5	97.2	87.2
1990	745	85.6	91.4	99.3	87.9	97.2	87.6
1991	536	86.0	92.1	99.6	88.2	97.5	88.1
1992	516	86.2	92.3	99.5	88.5	96.9	88.4
1993	484	86.6	92.9	99.7	88.7	97.3	88.8
1994	404	86.9	93.0	100.0	89.0	97.3	89.2
1995	386	87.2	93.4	100.1	89.4	97.4	89.6
1996	394	87.7	93.9	100.1	89.6	97.7	89.9
1997	282	87.7	94.0	100.3	89.7	97.8	90.1
1998	259	87.5	93.8	100.7	90.0	97.3	90.4
1999	257	87.5	93.6	100.8	90.8	97.2	90.9
2000	327	87.5	93.7	101.2	90.6	97.5	91.0
2001	304	87.8	94.2	100.4	90.4	97.5	90.6
2002	244	87.3	93.4	100.7	90.4	97.2	90.5
2003	240	88.1	94.2	100.6	90.7	97.7	90.9
2004	218	87.9	94.1	101.1	91.4	98.0	91.5
2005	167	87.7	93.7	100.9	91.4	97.7	91.3
2006	148	87.8	93.8	100.9	90.8	97.5	91.0
2007	83	87.5	93.4	100.7	91.2	97.4	91.0
2008	74	87.8	93.4	101.2	91.3	97.3	91.3
2009	54	87.6	93.2	101.4	91.6	97.0	91.5
2010	28	87.1	92.0	101.9	91.9	96.4	91.7
2011	31	85.2	89.9	101.3	92.6	95.4	90.7
2012	21	85.8	90.8	101.1	92.2	95.2	90.8
2013	20	85.5	90.6	100.8	92.8	95.1	90.9

Tabel: 70 Fries Hollands - zwartbont: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	168835	104.3	103.6	106.9	105.3	103.4	100.7	90.8	106.3
1981	151564	104.3	103.5	106.9	105.2	103.4	100.4	91.1	106.3
1982	101305	104.4	103.2	106.8	105.0	103.4	100.4	91.3	106.1
1983	63462	104.2	102.7	106.3	104.4	103.1	100.3	91.7	105.5
1984	31986	104.1	102.2	105.8	103.8	102.9	100.1	92.1	105.0
1985	18090	104.0	101.8	105.4	103.4	102.6	100.1	92.2	104.6
1986	9788	103.9	101.8	105.2	103.2	102.5	99.9	92.6	104.5
1987	6235	103.7	101.6	105.0	103.0	102.4	99.9	92.6	104.2
1988	4711	103.6	101.4	104.8	102.8	102.2	100.0	92.7	104.0
1989	3935	103.6	101.1	104.4	102.4	102.1	100.2	93.0	103.7
1990	3262	103.6	100.9	104.1	102.1	102.1	100.3	93.1	103.4
1991	2815	103.5	100.9	104.0	102.1	102.1	100.4	93.5	103.3
1992	2428	103.3	101.1	104.0	102.3	102.0	100.4	93.7	103.4
1993	2227	103.2	100.9	103.7	102.0	101.9	100.5	93.8	103.1
1994	2127	103.0	100.9	103.5	101.9	101.7	100.5	93.7	102.9
1995	2019	102.9	100.7	103.3	101.7	101.7	100.5	93.9	102.7
1996	1819	102.9	100.6	103.2	101.6	101.7	100.3	94.0	102.6
1997	1527	102.7	100.5	103.1	101.5	101.5	100.2	94.2	102.4
1998	1410	102.4	100.1	102.5	101.0	101.2	100.1	94.1	101.9
1999	1252	102.4	100.1	102.4	100.9	101.2	100.2	94.2	101.8
2000	1162	102.6	99.8	102.3	100.7	101.3	100.4	94.3	101.7
2001	1158	102.5	99.6	102.2	100.5	101.2	100.2	94.3	101.5
2002	981	102.4	99.6	102.0	100.4	101.0	100.2	94.3	101.3
2003	928	102.9	99.1	102.1	100.2	101.2	100.5	94.3	101.3
2004	918	102.9	99.0	102.1	100.2	101.2	100.6	93.9	101.3
2005	784	102.8	98.8	101.7	99.9	101.0	100.3	93.9	100.9
2006	776	102.6	99.0	101.8	100.0	101.0	100.4	94.5	101.0
2007	701	102.5	99.0	101.8	100.0	100.9	99.9	94.5	101.0
2008	686	102.9	99.1	102.2	100.3	101.3	100.4	94.6	101.4

2009	569	103.0	99.0	102.3	100.3	101.4	100.5	94.6	101.4
2010	531	103.0	99.0	102.3	100.2	101.4	100.2	94.4	101.3
2011	535	102.9	98.9	102.1	100.1	101.3	100.2	94.4	101.2
2012	521	102.7	99.0	102.1	100.2	101.3	100.1	94.9	101.3
2013	304	102.6	99.0	102.0	100.2	101.2	100.1	95.4	101.2
2014	286	102.9	99.0	102.3	100.3	101.5	100.5	95.3	101.4
2015	214	102.5	99.3	102.2	100.3	101.3	100.4	96.1	101.5
2016	13	102.7	100.1	102.8	101.1	101.8	101.2	96.2	102.2

Tabel: 71 Fries Hollands - zwartbont: Gebruikskennmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	17628	96.8	83.5	99.5	104.7	106.8
1981	14112	96.9	85.3	99.3	104.6	106.6
1982	8396	96.9	84.6	99.0	104.2	106.3
1983	5393	96.9	85.9	99.2	104.2	106.4
1984	2861	96.8	86.8	99.3	104.3	106.2
1985	1761	96.7	88.9	99.2	104.1	106.2
1986	1037	96.9	87.2	99.2	104.0	106.1
1987	604	96.5	86.0	99.1	103.8	106.0
1988	419	96.6	86.2	98.9	103.5	105.8
1989	405	97.2	87.9	98.7	102.9	105.6
1990	339	97.6	91.2	98.4	102.6	105.4
1991	344	97.7	93.8	98.2	102.1	105.2
1992	375	97.3	93.9	98.1	101.9	104.9
1993	345	97.6	91.1	98.1	102.0	104.7
1994	285	97.6	93.6	98.1	101.8	104.6
1995	254	97.7	92.5	98.1	101.7	104.7
1996	240	98.1	94.0	98.0	101.5	104.4
1997	155	98.1	93.0	98.4	101.5	104.4
1998	134	98.8	92.6	97.8	100.7	103.7
1999	133	99.3	93.2	97.6	100.5	103.4
2000	114	98.9	95.6	97.5	100.0	103.3
2001	75	97.9	93.4	97.5	100.1	103.0
2002	46	99.0	86.0	97.2	99.5	102.7
2003	38	98.8	88.0	97.6	100.0	103.1
2004	26	99.2	86.7	97.6	99.8	103.3
2005	19	100.3	82.1	97.4	99.5	102.7
2006	27	97.4	83.8	97.7	99.6	102.5
2007	13	99.8	67.7	97.6	99.8	102.4
2008	17	100.7	69.6	97.8	99.6	102.0
2009	12	99.9	16.6	97.9	99.5	102.0
2010	21	100.7	65.4	97.8	99.8	101.9
2011	30	100.4	81.0	98.2	100.0	102.0
2012	21	100.3	93.0	98.5	99.8	101.8
2013	20	100.5	97.7	98.6	100.1	102.1

Tabel: 72 Fries Hollands - zwartbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	22864	-149.6	-301.8	-250.6	106.6	106.3	97.5	85.9	97.7
1981	20289	-154.0	-302.3	-265.8	106.5	106.3	97.5	85.7	97.7
1982	14754	-159.6	-297.4	-285.1	106.1	106.1	97.6	85.5	97.4
1983	12644	-158.2	-281.5	-307.4	106.1	105.5	97.8	85.8	97.4

1984	9273	-165.4	-267.8	-380.6	106.0	105.0	98.1	86.0	97.1
1985	7290	-169.4	-262.0	-455.4	105.9	104.6	98.2	86.1	97.0
1986	4975	-169.4	-256.8	-509.1	105.9	104.5	98.3	86.4	97.1
1987	3534	-171.2	-253.5	-549.3	105.7	104.2	98.5	86.4	97.1
1988	3281	-175.7	-259.2	-584.1	105.4	104.0	98.6	86.6	97.3
1989	2944	-166.9	-243.8	-575.7	105.0	103.7	99.0	87.5	97.6
1990	2490	-162.0	-234.7	-551.0	104.7	103.4	99.3	87.9	97.8
1991	2097	-154.6	-221.9	-532.0	104.4	103.3	99.6	88.2	97.8
1992	1808	-152.2	-219.5	-520.5	104.1	103.4	99.5	88.5	97.8
1993	1640	-146.0	-207.7	-501.9	103.9	103.1	99.7	88.7	98.0
1994	1612	-137.3	-194.7	-476.0	103.8	102.9	100.0	89.0	98.3
1995	1497	-127.3	-182.3	-439.8	103.8	102.7	100.1	89.4	98.4
1996	1421	-118.9	-165.9	-407.1	103.5	102.6	100.1	89.6	98.3
1997	1163	-113.1	-154.0	-395.6	103.6	102.4	100.3	89.7	98.3
1998	1050	-109.2	-136.6	-382.1	102.8	101.9	100.7	90.0	98.3
1999	897	-103.6	-124.9	-357.3	102.4	101.8	100.8	90.8	98.2
2000	791	-100.5	-108.8	-337.6	102.1	101.7	101.2	90.6	98.4
2001	742	-97.0	-95.6	-312.8	102.0	101.5	100.4	90.4	98.3
2002	592	-94.6	-86.2	-305.7	101.5	101.3	100.7	90.4	98.7
2003	565	-86.5	-76.7	-280.5	101.9	101.3	100.6	90.7	98.9
2004	516	-81.3	-81.1	-262.2	102.1	101.3	101.1	91.4	99.0
2005	417	-80.0	-70.1	-254.1	101.5	100.9	100.9	91.4	98.7
2006	431	-73.7	-46.8	-223.9	101.4	101.0	100.9	90.8	98.7
2007	389	-66.6	-53.7	-202.2	101.4	101.0	100.7	91.2	98.8
2008	410	-66.8	-51.9	-198.6	101.1	101.4	101.2	91.3	99.1
2009	306	-68.2	-49.6	-200.4	101.1	101.4	101.4	91.6	99.1
2010	295	-59.8	-22.3	-146.8	101.1	101.3	101.9	91.9	99.3
2011	274	-53.4	-14.7	-111.8	101.3	101.2	101.3	92.6	99.5
2012	256	-48.4	-1.4	-123.2	101.1	101.3	101.1	92.2	99.8
2013	250	-45.2	1.0	-100.8	101.4	101.2	100.8	92.8	99.9
2014	252	-35.7	15.7	-88.0	101.0	101.4	101.3	91.3	99.9
2015	144	-31.6	16.7	-46.1	101.7	101.5	0.0	0.0	99.7

Tabel: 73 Fries Hollands - zwartbont: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	17806	97.3	98.2	97.3	98.2	99.4	97.2
1981	14508	97.3	98.2	97.3	98.2	99.4	97.2
1982	8955	97.1	97.9	97.1	97.9	99.2	96.9
1983	6698	97.3	97.7	97.3	97.7	99.1	96.8
1984	4224	97.6	97.2	97.6	97.2	99.1	96.5
1985	2880	97.6	97.3	97.6	97.3	99.1	96.4
1986	1757	97.9	97.4	97.9	97.4	99.4	96.6
1987	1223	98.0	97.4	98.0	97.4	99.5	96.7
1988	1048	98.3	97.5	98.3	97.5	99.8	96.8
1989	1126	98.5	97.8	98.5	97.8	100.0	97.0
1990	1235	98.7	97.9	98.7	97.9	100.1	97.0
1991	1412	98.9	97.9	98.9	97.9	100.3	97.0
1992	1414	98.9	97.8	98.9	97.8	100.3	96.9
1993	1694	99.2	97.6	99.2	97.6	100.6	97.0
1994	1785	99.5	97.5	99.5	97.5	100.9	96.8
1995	2031	99.5	98.2	99.5	98.2	100.8	97.3
1996	1774	99.5	98.2	99.5	98.2	100.7	97.4
1997	1580	99.5	97.8	99.5	97.8	100.7	96.9
1998	1478	99.8	97.7	99.8	97.7	101.2	96.7
1999	1414	99.7	97.8	99.7	97.8	101.2	96.7
2000	1307	99.7	98.2	99.7	98.2	101.0	97.0
2001	1258	99.6	98.1	99.6	98.1	101.0	96.9
2002	1098	99.8	98.3	99.8	98.3	101.2	97.0

2003	1044	99.8	98.4	99.8	98.4	101.2	97.0
2004	1045	100.1	98.2	100.1	98.2	101.6	97.1
2005	799	99.9	97.5	99.9	97.5	101.3	96.3
2006	817	99.9	97.3	99.9	97.3	101.3	96.1
2007	708	99.8	98.6	99.8	98.6	101.2	97.3
2008	628	100.0	98.5	100.0	98.5	101.4	97.4
2009	567	100.0	98.7	100.0	98.7	101.6	97.8
2010	527	100.2	98.9	100.2	98.9	101.7	98.0
2011	494	100.3	99.1	100.3	99.1	101.8	98.1
2012	507	100.4	99.3	100.4	99.3	101.8	98.2
2013	410	100.4	99.0	100.4	99.0	101.7	97.8
2014	396	100.4	98.4	100.4	98.4	101.8	97.4
2015	367	100.6	98.6	100.6	98.6	101.8	97.6
2016	343	100.7	96.6	100.7	96.6	102.1	95.6
2017	288	100.8	96.4	100.8	96.4	102.2	95.3
2018	38	101.0	94.6	101.0	94.6	101.8	93.3

Tabel: 74 Fries Hollands - zwartbont: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	30854	107.4	99.1	93.0	72.9	73.8	76.5
1981	25204	107.4	99.0	93.1	73.1	73.8	77.0
1982	15979	107.0	99.1	93.5	75.0	75.1	78.8
1983	16725	106.7	99.4	93.8	81.3	82.1	86.0
1984	9315	106.1	99.9	94.4	84.2	85.9	89.8
1985	4989	105.7	100.1	94.8	84.0	85.9	89.9
1986	2562	105.5	100.3	95.0	80.7	82.6	86.6
1987	1539	104.7	100.1	95.7	75.3	77.1	80.5
1988	1108	104.4	100.0	96.1	75.1	76.7	80.3
1989	855	104.3	100.2	96.3	79.5	81.9	86.1
1990	751	104.6	100.2	96.0	77.3	79.8	83.8
1991	687	104.1	100.5	96.5	78.2	80.6	85.0
1992	543	104.1	100.6	96.6	74.9	76.3	80.5
1993	561	104.3	100.5	96.3	73.9	74.6	78.8
1994	501	104.7	99.6	95.8	79.8	80.2	84.2
1995	474	103.7	100.6	96.9	71.9	72.5	76.9
1996	483	103.8	100.0	96.8	76.2	76.9	81.5
1997	360	104.0	99.8	96.7	79.8	81.4	85.9
1998	387	104.1	99.6	96.6	85.5	87.6	92.2
1999	401	103.7	99.7	97.0	81.0	83.0	87.0
2000	429	103.1	100.3	97.6	82.4	84.3	88.7
2001	394	103.1	99.9	97.6	84.7	86.2	90.3
2002	295	103.8	99.5	96.9	83.8	84.8	88.7
2003	291	103.6	100.1	97.1	83.5	84.2	88.0
2004	322	103.6	99.7	97.0	81.0	81.1	84.5
2005	307	103.2	99.5	97.6	86.3	87.3	90.7
2006	306	103.3	99.4	97.3	82.9	83.1	86.4
2007	373	103.2	99.3	97.4	80.6	80.9	83.6
2008	344	103.1	99.4	97.5	86.2	86.4	89.4
2009	314	103.2	99.3	97.5	79.3	79.2	82.0
2010	266	103.3	99.5	97.4	80.4	80.6	83.6
2011	274	103.4	99.1	97.2	74.4	74.4	76.7
2012	251	102.9	99.0	97.7	86.1	85.8	88.5
2013	234	103.1	99.0	97.5	82.9	82.3	84.9
2014	272	102.7	98.8	97.9	90.1	88.9	91.9
2015	211	103.0	98.7	97.6	85.6	85.1	87.8
2016	238	102.5	98.7	98.1	80.8	79.4	81.4
2017	146	103.2	99.0	97.5	74.3	73.5	75.6
2018	23	104.9	97.0	95.8	55.7	55.3	56.4

Tabel: 75 Fries Hollands - zwartbont: Vleeskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	288	101.2	100.7	95.5	94.1	107.6	93.7	102.4	93.9	104.6	92.8	93.9
1981	217	101.0	100.7	95.7	94.4	107.2	94.1	102.2	93.8	105.0	92.8	94.5
1982	149	101.2	100.4	95.7	94.2	106.9	94.0	102.3	94.2	104.9	92.7	94.5
1983	112	100.9	99.4	96.2	94.0	106.2	94.2	102.1	94.4	104.3	92.9	94.3
1984	64	100.1	98.9	96.2	93.2	105.6	94.4	101.2	94.7	104.1	92.5	93.7
1985	46	100.3	98.1	96.7	93.0	105.3	94.6	101.5	94.8	103.2	93.2	92.8
1986	28	99.9	97.1	96.8	92.8	104.2	94.6	101.2	95.0	102.8	92.9	93.6
1987	19	100.3	98.1	96.2	94.0	104.5	94.1	101.8	94.7	102.7	92.3	94.4
1988	16	100.1	96.6	97.2	92.9	104.4	94.6	101.8	94.8	103.1	93.3	94.5
1989	20	99.0	97.1	97.0	94.4	102.0	96.5	100.3	95.2	101.6	94.5	93.7
1990	14	98.6	97.4	95.4	92.7	103.0	94.6	99.7	95.2	102.7	92.8	92.1
1991	21	99.7	97.1	96.0	93.9	103.0	94.8	100.7	96.1	102.8	92.6	94.0
1992	20	98.4	96.7	96.7	93.2	102.2	95.5	100.0	95.1	101.4	93.8	92.3
1993	20	98.3	95.8	96.5	94.0	101.5	95.8	99.9	95.5	101.0	94.2	92.2
1994	16	98.8	97.6	99.4	93.0	103.5	97.0	99.9	94.6	103.5	95.2	93.8
1995	17	98.8	97.5	98.6	92.8	103.7	97.2	99.3	95.1	103.5	95.9	92.8
1996	11	98.9	97.9	97.1	94.5	102.9	96.8	99.9	94.7	102.5	94.8	93.5
1997	18	97.8	95.2	97.6	93.6	99.9	96.7	99.3	95.5	100.3	95.1	92.8
1998	15	98.8	96.7	97.9	93.6	102.3	96.1	99.9	95.5	101.8	94.9	93.8
1999	16	97.6	96.7	97.7	93.8	101.1	97.5	99.1	94.6	101.6	95.5	92.9
2000	16	99.1	98.6	100.1	93.1	104.3	98.2	99.2	95.8	105.0	97.0	93.6
2002	14	97.9	94.6	99.9	92.9	99.2	97.9	99.1	96.5	99.9	95.5	93.2
2003	10	96.9	96.6	98.4	92.1	101.6	98.3	97.7	95.1	102.0	96.5	91.2

Tabel: 76 Fries Hollands - zwartbont: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	18525	99.2	96.7	99.4
1981	15349	99.1	96.5	99.4
1982	9571	98.8	96.2	99.5
1983	7160	99.1	96.4	99.6
1984	4494	99.4	96.5	99.6
1985	3100	99.1	96.4	99.8
1986	1873	99.2	96.4	99.7
1987	1276	99.3	96.6	99.9
1988	1103	99.4	96.7	100.1
1989	1222	99.2	96.4	100.2
1990	1359	99.4	96.5	100.1
1991	1452	99.4	96.6	100.1
1992	1391	99.3	96.6	99.9
1993	1804	99.5	96.7	99.8
1994	2463	99.8	97.1	99.8
1995	2419	99.7	97.0	99.8
1996	2194	99.8	97.1	99.9
1997	1954	100.0	97.2	99.9
1998	1781	100.5	97.8	99.5
1999	1712	100.7	97.9	99.4
2000	1550	100.5	97.7	99.2
2001	1559	100.9	98.1	99.3
2002	1355	101.0	98.2	99.2

2003	1287	100.9	98.2	98.9
2004	1289	101.1	98.4	98.8
2005	1039	101.3	98.5	98.9
2006	963	101.3	98.6	98.5
2007	874	101.7	99.0	98.9
2008	776	101.4	98.6	99.2
2009	707	101.5	98.7	99.3
2010	643	101.9	99.2	99.4
2011	597	102.2	99.5	99.6
2012	574	102.6	99.9	99.5
2013	423	102.7	100.0	99.4
2014	396	102.8	100.1	99.5
2015	382	102.9	100.2	99.5
2016	387	102.8	100.1	99.9
2017	273	102.6	99.9	100.0
2018	20	102.8	100.1	100.2

Tabel: 77 Fries Hollands - zwartbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	849	-2658.5	-9862.1	-451.7	-384.0
2002	663	-2594.0	-9614.3	-440.9	-374.5
2003	642	-2424.3	-8873.4	-410.5	-351.2
2004	589	-2326.6	-8457.6	-391.9	-338.2
2005	478	-2253.9	-8113.7	-383.1	-326.3
2006	473	-1980.8	-7073.7	-334.9	-287.9
2007	430	-1863.4	-6679.9	-316.4	-270.0
2008	447	-1826.1	-6557.1	-306.5	-266.4
2009	340	-1824.9	-6403.5	-307.8	-266.0
2010	305	-1421.5	-4823.5	-235.7	-209.8
2011	293	-1165.9	-3862.7	-190.1	-174.1
2012	275	-1196.3	-4048.5	-197.9	-176.8
2013	253	-1020.9	-3334.1	-164.8	-153.4
2014	257	-894.7	-2830.4	-142.4	-135.8
2015	149	-645.2	-1879.8	-100.2	-99.8

Tabel: 78 Fries Hollands - zwartbont: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1980	37	96.2	106.0	99.3
1981	24	95.4	105.8	99.3
1997	14	96.8	108.4	98.6
1998	11	97.0	106.5	98.4
1999	15	97.3	106.8	98.3
2000	24	98.3	105.7	98.7
2001	21	97.9	106.0	98.5
2002	23	97.3	105.7	98.1
2003	29	97.6	106.3	98.1
2004	27	98.3	106.4	98.4
2005	31	98.6	106.2	98.8
2006	45	98.0	106.1	98.3
2007	42	98.0	105.3	98.4
2008	62	98.3	104.7	98.7
2009	44	98.7	104.1	98.4

2010	60	98.8	105.4	99.2
2011	60	97.8	105.7	98.8
2012	46	98.7	104.9	98.5
2013	66	98.3	106.8	98.6
2014	70	98.1	107.0	98.8
2015	58	98.0	109.7	98.9

Tabel: 79 Fries Hollands - zwartbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	22942	98.6	102.4	0	0.0	0	0.0
1981	20340	98.4	101.8	0	0.0	0	0.0
1982	14784	98.3	101.4	1	-2.8	0	0.0
1983	12665	98.5	101.4	0	0.0	0	0.0
1984	9281	98.8	101.5	0	0.0	0	0.0
1985	7291	98.9	101.4	5709	-4.1	0	0.0
1986	4976	98.9	101.3	2997	-3.9	0	0.0
1987	3539	99.0	101.0	1666	-3.7	0	0.0
1988	3281	98.8	100.8	1226	-3.6	0	0.0
1989	2945	98.6	100.2	948	-3.3	0	0.0
1990	2492	98.7	100.2	852	-3.2	0	0.0
1991	2097	98.6	99.9	654	-3.0	0	0.0
1992	1808	98.8	100.1	635	-2.9	0	0.0
1993	1640	99.0	100.1	602	-2.8	0	0.0
1994	1612	99.5	100.1	576	-2.5	0	0.0
1995	1497	99.4	100.0	591	-2.3	0	0.0
1996	1421	99.7	100.1	607	-2.2	0	0.0
1997	1163	100.2	99.9	450	-2.1	0	0.0
1998	1050	100.1	99.7	411	-2.1	0	0.0
1999	898	100.3	99.7	386	-2.1	0	0.0
2000	791	100.3	99.7	425	-2.1	0	0.0
2001	742	100.2	99.6	407	-2.0	276	89.1
2002	592	100.3	99.4	336	-2.0	216	88.4
2003	565	100.5	99.7	333	-1.9	218	89.2
2004	516	100.4	100.1	286	-2.1	198	89.2
2005	417	100.5	99.7	231	-2.1	152	88.6
2006	431	100.5	99.4	194	-1.8	137	88.6
2007	389	100.2	99.9	118	-2.1	60	87.7
2008	410	99.7	99.4	117	-1.7	52	87.5
2009	306	99.8	99.2	84	-1.7	43	86.9
2010	295	100.0	99.5	48	-1.3	26	85.3
2011	274	100.0	99.5	43	-1.5	31	84.4
2012	256	100.2	99.2	48	-0.8	21	85.2
2013	250	100.7	99.7	38	-1.0	20	85.2
2014	252	100.5	100.1	35	-0.0	3	89.7
2015	144	101.2	99.6	17	0.1	0	0.0

Tabel: 80 Fries Hollands - roodbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	63	-1227.0	-45.0	-55.0	-65.6	20.1	-18.4	-17.6	-339.6
1981	56	-1268.9	-39.9	-56.1	-67.5	33.4	-18.1	-17.7	-334.1
1982	40	-1269.6	-36.5	-55.5	-67.6	39.8	-17.0	-17.9	-324.8
1983	20	-1322.2	-43.9	-56.5	-70.0	30.0	-15.2	-17.9	-344.9

1984	22	-1176.8	-40.1	-50.5	-63.3	24.4	-13.3	-17.6	-310.5
1985	23	-1119.2	-40.7	-49.4	-60.7	18.2	-15.4	-17.6	-306.5
1986	19	-1172.8	-42.5	-52.0	-63.2	19.8	-16.0	-17.7	-321.4
1987	16	-1141.1	-33.7	-48.6	-61.7	33.0	-12.1	-17.5	-288.4
1988	10	-1287.1	-46.3	-52.2	-68.3	21.9	-8.6	-17.8	-331.9
1990	21	-1070.0	-34.9	-45.0	-58.3	25.1	-10.3	-16.9	-275.4
1991	14	-954.4	-22.9	-35.8	-53.1	36.7	-0.4	-17.0	-210.7
1993	11	-1016.5	-31.9	-46.5	-56.1	25.6	-16.5	-17.3	-274.6
1994	18	-944.6	-29.1	-42.1	-52.7	23.6	-13.3	-17.1	-249.7
1995	31	-1311.4	-52.9	-52.3	-69.4	11.6	-6.8	-17.8	-346.2
1996	20	-1087.8	-36.9	-42.5	-59.2	23.6	-3.4	-17.4	-269.8
1997	24	-1308.1	-51.2	-49.5	-69.2	14.2	-2.0	-17.9	-331.2
1998	20	-1115.7	-36.0	-46.0	-60.5	26.8	-8.3	-17.5	-282.6
1999	30	-973.8	-35.7	-42.4	-54.0	14.7	-11.2	-17.0	-265.0
2000	20	-1043.1	-39.3	-43.4	-55.2	14.5	-8.1	-13.8	-276.8
2001	30	-1089.7	-41.1	-41.5	-55.6	14.4	-1.7	-10.6	-273.0
2002	27	-1090.6	-39.9	-42.6	-54.0	16.7	-4.1	-7.4	-274.7
2003	35	-1041.4	-37.4	-42.1	-54.1	17.2	-6.4	-11.5	-267.3
2004	26	-849.6	-26.3	-34.8	-39.8	21.6	-5.7	-1.5	-209.8
2005	30	-957.9	-27.9	-38.5	-45.5	27.8	-5.3	-2.6	-230.1
2006	28	-979.4	-33.6	-39.0	-44.4	19.0	-4.7	1.4	-243.8
2007	14	-983.9	-32.6	-37.6	-48.0	20.8	-1.9	-4.9	-236.9
2008	24	-756.5	-23.7	-31.2	-33.9	18.6	-5.1	1.9	-188.0
2009	22	-881.8	-29.5	-34.0	-43.4	18.4	-2.1	-5.3	-214.2
2010	21	-1032.3	-38.0	-38.0	-50.9	15.0	1.4	-6.8	-250.6
2011	15	-926.9	-26.1	-32.9	-42.2	28.1	2.9	1.2	-202.1
2012	16	-746.2	-24.2	-29.8	-33.4	16.0	-3.8	1.7	-182.8
2013	16	-653.9	-20.1	-27.1	-31.4	16.1	-5.0	-2.3	-163.0
2014	14	-587.6	-13.7	-23.5	-26.1	21.6	-2.9	1.4	-133.1

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 81 Fries Hollands - roodbont: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	151	87.4	90.5	91.1	94.5	94.8	86.6	95.8
1981	136	88.0	90.2	90.8	94.7	94.3	86.8	95.6
1982	98	89.1	89.6	91.3	95.3	94.0	86.6	95.9
1983	51	88.6	90.7	91.3	95.3	95.3	87.5	96.4
1984	24	88.7	91.4	91.3	95.1	96.1	87.2	97.4
1985	14	89.1	89.9	91.3	95.9	94.3	86.7	96.9
1986	11	88.5	90.8	91.6	96.1	95.5	88.3	96.5
2003	11	89.5	94.5	93.1	96.3	99.9	90.5	99.8

Tabel: 82 Fries Hollands - roodbont: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	151	92.9	96.3	87.7	88.4
1981	136	92.8	97.0	87.4	88.9
1982	98	92.9	97.1	87.7	89.0
1983	51	92.8	96.6	88.8	88.9
1984	24	92.2	97.5	88.4	88.3
1985	14	93.0	97.1	88.1	89.3
1986	11	92.5	96.4	89.0	89.0
2003	11	94.8	98.4	93.5	91.9

Tabel: 83 Fries Hollands - roodbont: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	151	98.2	94.5	98.0	100.0	95.7	95.9	93.6
1981	136	97.9	94.8	98.4	100.3	96.1	95.9	93.2
1982	98	98.4	95.6	98.3	100.6	96.6	95.9	94.1
1983	51	98.3	95.2	98.2	100.1	95.8	95.3	93.4
1984	24	97.4	94.9	99.2	99.1	95.3	95.2	93.5
1985	14	98.1	95.7	97.9	100.4	96.5	96.4	94.5
1986	11	99.1	95.9	98.2	101.2	96.4	96.3	94.6
2003	11	97.9	96.7	101.5	100.1	95.3	96.1	94.2

Tabel: 84 Fries Hollands - roodbont: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	151	84.6	88.8	97.7	86.2	99.3	85.2
1981	136	84.4	88.4	97.9	86.6	99.0	85.4
1982	98	84.4	88.6	98.3	86.9	98.0	85.8
1983	51	85.5	90.1	97.8	86.7	99.1	86.0
1984	24	86.2	90.8	96.8	86.3	100.3	85.6
1985	14	85.1	89.5	98.3	87.3	98.2	86.4
1986	11	86.1	90.7	98.8	86.6	99.1	86.9
2003	11	90.7	96.2	97.6	91.1	102.9	90.5

Tabel: 85 Fries Hollands - roodbont: Vruchtbaarheidsskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	410	104.7	104.5	108.1	106.5	104.3	102.0	91.3	107.6
1981	359	104.3	104.3	107.7	106.2	104.0	101.5	91.3	107.2
1982	274	104.1	104.2	107.4	105.9	103.9	101.5	91.7	107.0
1983	181	103.6	103.6	106.6	105.1	103.4	101.2	91.7	106.1
1984	70	104.1	103.2	106.5	104.9	103.5	100.8	92.0	105.9
1985	42	104.4	102.7	106.4	104.6	104.0	101.2	91.6	105.7
1986	28	104.0	103.5	106.5	105.1	103.5	100.7	92.1	106.0
1987	25	103.7	103.6	106.2	105.1	103.1	100.3	92.2	106.0
1988	15	103.3	102.9	105.6	104.4	103.1	101.3	92.0	105.3
1989	18	103.7	101.8	104.6	103.4	102.3	100.4	90.7	104.3
1990	27	103.4	102.7	105.3	104.1	102.6	101.1	92.4	104.9
1991	22	104.2	101.9	105.3	103.5	103.1	101.5	92.7	104.7
1992	11	103.4	101.4	104.4	102.5	102.2	101.2	92.5	103.6
1993	20	104.4	100.9	104.7	102.8	103.2	100.9	91.4	104.0
1994	25	103.4	101.7	104.3	103.0	102.3	101.0	92.4	104.0
1995	39	104.2	102.3	105.8	104.3	103.5	101.5	92.2	105.3
1996	36	103.7	103.0	105.8	104.6	103.3	101.0	93.1	105.4
1997	37	104.1	102.8	105.9	104.5	103.4	100.5	91.6	105.5
1998	39	104.4	102.1	105.6	103.9	103.6	100.8	90.9	105.1
1999	45	104.5	102.1	105.8	104.2	103.7	100.8	90.8	105.3
2000	36	104.2	102.6	105.9	104.4	103.7	100.8	91.2	105.3

2001	46	104.3	102.4	105.8	104.5	104.0	100.9	92.6	105.4
2002	51	104.4	102.6	105.8	104.6	103.8	100.5	92.1	105.4
2003	63	105.0	101.4	105.4	103.8	103.8	101.0	91.7	104.9
2004	37	104.4	101.5	105.1	103.5	103.6	101.1	93.0	104.6
2005	48	104.3	102.5	105.7	104.2	103.9	101.2	92.2	105.2
2006	51	104.5	101.9	105.2	103.8	103.6	101.0	92.2	104.8
2007	29	104.3	101.4	104.8	103.4	103.4	100.6	91.9	104.3
2008	43	103.9	100.7	104.2	102.4	102.9	100.6	92.1	103.5
2009	59	104.4	101.3	105.0	103.3	103.4	100.4	91.7	104.3
2010	58	104.3	101.3	104.8	103.2	103.3	100.7	92.2	104.2
2011	47	104.1	101.8	105.0	103.7	103.3	100.1	91.8	104.6
2012	54	103.7	101.3	104.5	103.1	102.9	100.4	92.7	104.1
2013	36	104.5	101.4	105.2	103.6	103.4	100.8	92.7	104.6
2014	28	104.5	100.4	104.4	102.6	103.2	101.1	93.5	103.8
2015	18	105.7	99.3	104.6	102.2	103.6	101.8	92.4	103.6

Tabel: 86 Fries Hollands - roodbont: Gebruikskkenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	25	96.8	82.4	99.1	105.0	106.6
1981	31	98.6	86.8	98.1	104.6	106.5
1982	24	98.5	80.0	97.8	103.9	105.7
1983	10	97.5	66.0	97.1	104.3	105.7

Tabel: 87 Fries Hollands - roodbont: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	58	-132.3	-339.6	-191.9	106.6	107.6	97.7	86.2	98.2
1981	56	-137.6	-334.1	-152.5	106.4	107.2	97.9	86.6	98.5
1982	39	-149.2	-324.8	-208.2	105.6	107.0	98.3	86.9	97.8
1983	20	-172.2	-344.9	-170.2	105.6	106.1	97.8	86.7	99.5
1984	22	-166.2	-310.5	-349.8	106.1	105.9	96.8	86.3	97.7
1985	23	-161.9	-306.5	-444.2	105.7	105.7	98.3	87.3	97.1
1986	19	-163.3	-321.4	-474.3	105.2	106.0	98.8	86.6	98.4
1987	16	-143.9	-288.4	-545.0	104.9	106.0	97.8	85.8	97.7
1988	10	-144.3	-331.9	-525.4	104.8	105.3	100.5	90.0	96.2
1990	21	-148.8	-275.4	-531.0	103.4	104.9	98.1	88.7	99.1
1991	14	-131.6	-210.7	-473.1	103.2	104.7	98.0	87.8	98.8
1993	11	-146.1	-274.6	-426.6	103.5	104.0	100.0	89.3	100.0
1994	18	-132.0	-249.7	-429.9	103.3	104.0	100.2	89.2	98.9
1995	31	-187.1	-346.2	-523.8	104.0	105.3	97.4	89.2	99.1
1996	20	-147.0	-269.8	-404.2	104.6	105.4	97.7	89.3	98.4
1997	24	-157.5	-331.2	-482.7	103.6	105.5	98.0	90.6	98.4
1998	20	-132.4	-282.6	-436.8	103.2	105.1	98.6	89.2	98.4
1999	30	-135.2	-265.0	-440.9	103.7	105.3	99.1	89.4	98.9
2000	20	-135.2	-276.8	-406.9	103.8	105.3	98.7	89.6	98.9
2001	30	-109.6	-273.0	-275.4	103.9	105.4	97.7	91.3	99.3
2002	27	-124.0	-274.7	-348.6	103.0	105.4	98.7	90.9	99.4
2003	35	-127.6	-267.3	-406.8	102.6	104.9	97.6	91.1	99.4
2004	26	-105.6	-209.8	-321.3	102.5	104.6	98.8	91.8	99.5
2005	30	-115.1	-230.1	-374.8	102.4	105.2	97.3	88.8	99.4
2006	28	-114.8	-243.8	-393.6	102.2	104.8	98.8	91.8	99.2
2007	14	-123.5	-236.9	-390.0	102.6	104.3	99.0	88.5	99.4
2008	24	-87.5	-188.0	-305.0	102.6	103.5	101.0	89.0	99.5

2009	22	-95.0	-214.2	-284.2	102.7	104.3	98.6	90.6	99.9
2010	21	-120.3	-250.6	-333.3	102.4	104.2	97.0	88.7	100.1
2011	15	-93.5	-202.1	-338.0	102.8	104.6	0.0	0.0	100.0
2012	16	-102.8	-182.8	-309.3	102.6	104.1	97.0	91.0	100.0
2013	16	-94.2	-163.0	-289.8	102.6	104.6	100.0	86.0	100.4
2014	14	-64.4	-133.1	-249.8	103.1	103.8	100.5	90.0	100.2

Tabel: 88 Fries Hollands - roodbont: Levensvatbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1980	35	96.7	99.1	96.7	99.1	99.1	96.6
1981	41	97.5	99.3	97.5	99.3	100.2	96.8
1982	29	97.6	98.5	97.6	98.5	99.9	96.0
1990	10	99.8	98.8	99.8	98.8	102.4	97.0
1991	12	98.8	98.9	98.8	98.9	101.4	97.1
1994	10	99.3	99.0	99.3	99.0	101.7	97.9
1995	24	99.6	99.8	99.6	99.8	101.8	98.1
1996	23	98.2	99.5	98.2	99.5	100.5	98.0
1997	30	98.5	99.3	98.5	99.3	100.9	98.3
1998	29	98.4	99.1	98.4	99.1	101.0	98.0
1999	28	99.2	99.1	99.2	99.1	101.6	98.6
2000	30	99.0	99.2	99.0	99.2	101.4	98.8
2001	43	99.0	99.9	99.0	99.9	101.6	99.0
2002	48	99.0	99.6	99.0	99.6	101.6	98.8
2003	47	99.3	97.5	99.3	97.5	101.9	96.4
2004	37	99.4	99.6	99.4	99.6	102.1	98.6
2005	38	99.4	99.7	99.4	99.7	101.9	98.8
2006	49	99.3	99.5	99.3	99.5	101.9	98.6
2007	27	98.8	100.0	98.8	100.0	101.1	98.7
2008	33	98.9	100.1	98.9	100.1	101.2	98.9
2009	43	99.6	97.8	99.6	97.8	101.8	96.7
2010	38	99.5	100.5	99.5	100.5	101.7	98.8
2011	33	99.1	100.4	99.1	100.4	101.2	98.8
2012	46	99.5	100.2	99.5	100.2	101.8	98.8
2013	28	99.8	100.6	99.8	100.6	102.1	98.8
2014	28	99.8	96.7	99.8	96.7	102.3	95.2
2015	21	100.0	95.6	100.0	95.6	102.6	93.7
2016	22	100.0	91.2	100.0	91.2	102.5	89.9
2017	31	100.1	90.7	100.1	90.7	102.4	89.1

Tabel: 89 Fries Hollands - roodbont: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	53	107.4	98.8	93.0	78.5	78.1	80.6
1981	54	107.7	98.6	92.9	80.1	80.3	83.1
1982	41	106.2	99.1	94.3	60.5	59.6	61.8
1983	32	107.0	100.4	93.3	46.4	46.1	47.8
1984	16	105.3	100.1	95.0	36.7	36.9	38.5
1991	12	104.2	99.2	95.9	48.8	48.2	50.8
1995	16	103.4	100.2	96.4	30.6	30.3	32.2
1996	10	103.6	100.1	96.4	48.2	48.8	50.7
1997	19	103.6	99.2	96.4	55.3	56.8	59.5
1998	16	106.2	101.4	93.9	70.9	74.2	77.8
1999	26	105.2	99.7	94.7	55.2	56.8	59.4

2000	18	104.2	100.3	95.6	68.9	70.0	73.3
2001	23	105.3	101.7	94.3	65.9	69.0	71.6
2002	24	105.8	100.0	93.9	79.5	80.6	84.2
2003	37	103.2	100.4	96.7	74.9	76.4	80.3
2004	30	105.4	99.1	94.5	79.9	80.3	84.1
2005	36	104.4	100.3	95.6	87.6	89.3	93.4
2006	34	104.0	99.6	96.0	88.1	88.4	93.6
2007	25	104.6	99.0	95.2	69.6	69.1	73.0
2008	32	104.2	99.6	95.6	72.2	72.3	75.8
2009	33	104.5	98.9	95.5	79.0	78.7	82.4
2010	30	103.5	99.6	96.3	80.0	81.0	84.9
2011	32	103.3	98.9	96.7	78.2	78.2	82.5
2012	38	102.1	99.3	97.8	76.2	76.5	79.9
2013	27	102.1	99.4	97.9	56.8	57.9	60.6
2014	18	104.1	100.3	96.0	47.8	49.3	51.6
2015	22	103.0	100.3	97.1	48.6	48.4	51.0
2016	17	103.5	100.7	96.6	39.4	39.9	42.1
2017	17	102.3	101.3	97.8	39.6	40.5	42.5

Tabel: 90 Fries Hollands - roodbont: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	38	100.1	97.2	100.1
1981	43	100.3	97.5	99.8
1982	31	100.3	97.6	99.6
1990	10	99.2	96.3	100.2
1991	14	99.4	96.7	100.9
1994	10	100.7	97.9	100.0
1995	27	100.7	97.8	100.5
1996	22	100.8	98.1	100.6
1997	33	100.8	97.8	99.8
1998	25	100.2	97.3	100.2
1999	25	100.3	97.3	100.3
2000	27	100.7	97.6	99.7
2001	28	100.8	97.8	99.5
2002	32	100.9	97.8	99.5
2003	42	101.2	98.1	100.0
2004	36	100.9	98.0	99.2
2005	34	101.2	98.2	100.0
2006	41	101.1	98.0	100.2
2007	31	100.7	97.9	100.1
2008	35	100.8	98.0	100.1
2009	44	101.9	99.0	100.0
2010	37	101.7	98.7	100.1
2011	33	101.0	98.1	100.4
2012	42	102.0	99.0	100.0
2013	23	101.5	98.7	100.3
2014	25	101.4	98.5	100.2
2015	16	101.4	98.4	100.7
2016	20	101.5	98.3	100.4
2017	22	102.4	99.6	100.5

Tabel: 91 Fries Hollands - roodbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
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2001	25	-2890.6	-10786.9	-503.4	-411.3
2002	25	-3341.3	-12682.3	-578.1	-476.4
2003	36	-3606.5	-13785.9	-627.2	-512.7
2004	26	-3030.5	-11466.1	-514.6	-436.8
2005	33	-3341.1	-12838.4	-571.7	-478.6
2006	28	-3437.7	-13037.5	-589.9	-491.8
2007	14	-3459.5	-13355.5	-593.4	-495.0
2008	27	-2896.0	-10896.8	-494.3	-415.7
2009	25	-2819.1	-10635.2	-484.9	-403.3
2010	22	-3169.8	-12286.0	-560.5	-444.7
2011	17	-3110.1	-12037.6	-531.4	-445.2
2012	18	-2879.1	-10852.4	-494.1	-412.2
2013	18	-2735.7	-10266.8	-467.9	-393.0
2014	16	-2411.2	-9140.8	-408.1	-348.1
2015	12	-3365.8	-12537.2	-579.8	-481.3

Tabel: 92 Fries Hollands - roodbont: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	63	98.8	103.2	0	0.0	0	0.0
1981	56	97.9	101.9	0	0.0	0	0.0
1982	40	98.2	101.9	0	0.0	0	0.0
1983	20	98.6	102.1	0	0.0	0	0.0
1984	22	98.0	102.6	0	0.0	0	0.0
1985	23	97.8	102.8	20	-3.7	0	0.0
1986	19	99.1	102.6	17	-3.6	0	0.0
1987	16	97.8	102.6	11	-2.9	0	0.0
1988	10	97.7	102.7	7	-2.7	0	0.0
1990	21	99.4	102.6	15	-2.8	0	0.0
1991	14	97.4	101.0	9	-2.9	0	0.0
1993	11	96.2	98.9	9	-2.5	0	0.0
1994	18	97.0	101.2	11	-2.8	0	0.0
1995	31	98.2	102.3	14	-3.6	0	0.0
1996	20	99.3	101.6	8	-2.7	0	0.0
1997	24	98.9	102.2	13	-3.2	0	0.0
1998	20	98.3	101.2	14	-3.0	0	0.0
1999	30	98.7	101.1	17	-2.4	0	0.0
2000	20	98.5	101.2	15	-3.1	0	0.0
2001	30	98.5	101.5	20	-2.6	3	89.3
2002	27	99.2	101.0	19	-2.8	7	92.9
2003	35	98.5	101.5	27	-2.6	11	90.1
2004	26	98.8	99.3	19	-2.2	9	90.4
2005	30	98.6	101.4	19	-2.5	6	91.0
2006	28	98.8	101.1	18	-2.5	4	92.8
2007	14	99.7	101.5	10	-2.0	2	94.0
2008	24	100.0	101.1	19	-1.3	1	91.0
2009	22	100.3	101.6	20	-2.2	4	89.8
2010	21	100.5	101.4	13	-2.8	3	91.0
2011	15	100.7	101.0	13	-1.7	0	0.0
2012	16	102.3	101.9	3	-1.3	1	88.0
2013	16	100.8	100.9	5	-2.7	1	81.0
2014	14	101.5	100.9	8	-1.4	2	90.0

Tabel: 93 Overige Friesian: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	13	-650.4	-31.8	-41.6	-39.2	-3.8	-30.1	-16.4	-249.2

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 94 Overige Friesian: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	16	99.1	88.2	97.6	103.2	87.2	90.6	94.0

Tabel: 95 Overige Friesian: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	16	91.2	103.4	83.9	89.1

Tabel: 96 Overige Friesian: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	16	102.7	98.1	97.1	103.8	102.6	100.2	97.9

Tabel: 97 Overige Friesian: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	16	87.1	90.1	103.8	86.5	89.8	89.4

Tabel: 98 Overige Friesian: Vruchtbaarheidsskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	17	100.0	101.4	102.5	101.2	100.8	103.1	97.7	102.0

Tabel: 99 Overige Friesian: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
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1980 13 -114.0 -249.2 94.5 104.4 102.0 103.8 86.5 98.0

Tabel: 100 Overige Friesian: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	13	97.8	100.6	0	0.0	0	0.0

Tabel: 101 Maas Rijn IJssel: Melkproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	15745	-1333.5	-59.2	-55.3	-70.4	0.7	-12.1	-17.9	-372.3
1981	16278	-1336.4	-58.5	-55.2	-70.6	2.3	-11.5	-18.0	-370.4
1982	19684	-1305.9	-57.0	-54.1	-69.2	2.6	-11.4	-17.9	-362.2
1983	26176	-1294.8	-56.1	-53.4	-68.7	3.5	-10.8	-17.9	-357.3
1984	33613	-1278.2	-56.0	-52.9	-67.9	2.2	-10.8	-17.8	-354.8
1985	38646	-1267.7	-56.4	-52.4	-67.4	0.7	-10.6	-17.8	-353.4
1986	35732	-1264.8	-55.9	-51.9	-67.3	1.4	-9.9	-17.8	-350.5
1987	33914	-1264.8	-55.3	-51.4	-67.3	2.5	-8.8	-17.8	-347.4
1988	43533	-1267.7	-54.1	-51.7	-67.5	5.4	-9.1	-17.8	-345.7
1989	31641	-1298.4	-53.5	-51.5	-68.9	9.2	-6.6	-17.9	-344.0
1990	23033	-1235.7	-51.7	-49.0	-66.1	7.3	-6.1	-17.8	-328.8
1991	19507	-1108.3	-45.7	-44.7	-60.3	7.7	-6.7	-17.4	-297.0
1992	18403	-1043.9	-43.6	-42.5	-57.3	6.1	-6.9	-17.3	-282.5
1993	18302	-939.9	-39.7	-38.5	-52.7	4.5	-6.5	-17.0	-255.7
1994	12340	-875.6	-38.3	-36.3	-50.4	1.9	-6.8	-16.9	-242.3
1995	8914	-827.0	-38.1	-34.8	-48.8	-1.7	-7.3	-16.8	-234.8
1996	6099	-724.4	-34.9	-31.0	-44.1	-4.1	-7.1	-16.6	-210.7
1997	4436	-637.4	-30.7	-27.6	-40.2	-3.6	-6.6	-16.4	-186.7
1998	3799	-611.9	-29.6	-25.7	-38.7	-3.5	-5.0	-16.4	-176.4
1999	3526	-570.3	-26.6	-23.0	-36.6	-1.5	-2.9	-16.3	-158.4
2000	3280	-474.8	-23.1	-19.8	-31.0	-2.8	-3.3	-13.9	-136.4
2001	3181	-405.4	-20.0	-17.5	-19.7	-2.7	-3.8	0.4	-119.1
2002	2661	-311.4	-14.5	-13.4	-14.1	-0.4	-2.6	2.3	-89.5
2003	2670	-298.5	-16.6	-12.9	-13.9	-5.0	-2.6	1.1	-91.8
2004	2553	-282.1	-15.1	-11.4	-14.1	-3.7	-1.2	-0.7	-82.5
2005	2541	-247.7	-13.7	-9.9	-13.2	-3.7	-0.8	-1.8	-72.8
2006	2713	-110.3	-8.8	-4.5	-6.8	-5.7	-0.2	-2.1	-38.4
2007	2821	-124.3	-7.6	-4.6	-7.8	-2.9	0.3	-3.3	-36.7
2008	2850	-88.1	-5.0	-2.8	-6.3	-1.3	1.2	-3.8	-23.3
2009	2660	-21.1	-3.6	-0.7	-4.2	-3.6	0.6	-5.1	-10.7
2010	2504	54.4	-1.2	1.0	-0.8	-4.9	-1.0	-5.4	2.1
2011	2504	76.5	1.9	2.7	-0.4	-1.5	0.5	-6.2	16.1
2012	2593	99.5	4.7	4.0	0.4	1.2	1.2	-6.5	27.6
2013	2699	122.6	5.1	5.9	2.9	0.1	2.7	-5.8	36.6
2014	2289	217.8	9.5	8.3	5.9	0.4	0.9	-7.2	56.6
2015	1344	247.0	11.7	9.3	6.7	1.5	0.8	-8.1	65.9
2016	12	307.6	17.1	12.8	10.2	4.9	2.2	-7.8	92.7

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 102 Maas Rijn IJssel: Exterieurkenmerken bouw

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	50218	88.2	95.6	91.0	93.8	99.0	97.9	95.5
1981	50835	88.4	95.6	91.2	94.1	98.7	98.1	95.7
1982	49109	88.5	96.0	91.8	94.6	99.3	98.1	95.6
1983	47694	88.9	96.1	92.1	94.9	99.4	98.6	95.6
1984	40884	89.4	96.4	92.5	95.3	99.2	98.4	96.2
1985	35807	90.2	96.9	93.1	95.9	99.5	98.8	96.8
1986	25979	90.6	97.1	93.6	96.4	99.3	98.8	96.9
1987	19841	91.5	97.4	94.3	97.0	99.4	98.9	97.0
1988	20949	91.5	97.4	94.7	97.3	99.5	98.8	96.8
1989	13251	91.5	97.6	94.7	97.4	99.9	99.0	97.2
1990	9382	92.0	97.2	94.5	97.4	99.5	99.0	97.4
1991	8226	92.6	96.8	95.0	97.9	99.0	99.0	97.3
1992	7506	93.1	96.5	95.5	98.5	98.7	98.4	97.1
1993	6788	93.5	96.3	94.9	98.4	98.4	98.3	96.8
1994	4371	94.2	97.4	95.8	99.1	98.5	98.3	97.6
1995	3075	94.6	97.9	96.5	99.5	98.6	98.7	98.1
1996	2226	96.0	98.1	97.3	99.8	99.1	99.0	98.7
1997	1534	96.2	98.6	97.8	100.1	98.9	99.1	98.8
1998	1379	96.3	98.3	97.5	100.0	98.8	99.0	98.3
1999	1365	96.5	98.6	97.8	100.3	98.7	98.4	97.8
2000	1239	96.8	98.4	97.5	100.4	98.4	99.1	98.2
2001	1201	97.1	98.9	98.1	101.0	98.4	99.3	98.7
2002	1086	97.4	98.9	98.3	101.4	98.5	98.8	98.6
2003	1060	98.4	99.4	98.5	101.7	98.7	99.8	99.3
2004	1048	98.8	99.3	98.3	101.5	98.6	99.7	99.1
2005	1073	99.5	99.9	99.1	102.2	98.8	99.7	99.1
2006	1109	99.7	99.3	99.2	102.6	97.8	99.7	98.8
2007	1041	99.5	99.1	98.4	102.0	98.0	99.8	99.7
2008	1008	99.8	99.9	99.2	102.5	98.5	99.8	100.1
2009	1025	100.2	100.0	99.3	102.7	98.4	99.5	99.6
2010	1025	100.3	99.7	99.4	103.0	98.2	99.4	99.5
2011	1041	100.5	100.1	99.8	103.4	98.3	99.7	100.0
2012	1062	100.9	100.6	100.1	103.3	98.7	99.5	99.7
2013	1060	101.0	100.5	100.1	104.1	98.0	99.5	99.8
2014	872	101.1	100.5	99.9	103.8	98.0	99.9	100.2
2015	382	101.4	100.4	100.0	104.3	97.9	99.9	100.0

Tabel: 103 Maas Rijn IJssel: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	50218	91.6	99.9	89.5	89.4
1981	50835	91.7	100.2	89.3	89.6
1982	49109	92.0	100.8	89.1	90.0
1983	47694	92.1	101.0	89.5	90.0
1984	40884	92.9	100.1	90.3	91.0
1985	35807	93.3	99.4	90.7	91.4
1986	25979	93.6	99.5	90.7	91.7
1987	19841	94.0	98.9	91.4	92.1
1988	20949	93.6	99.6	91.5	91.9
1989	13251	93.5	100.1	91.5	91.9
1990	9382	93.4	100.3	91.7	91.7
1991	8226	93.7	100.5	91.4	92.1
1992	7506	94.3	100.5	92.1	92.5
1993	6788	94.9	99.9	93.0	93.2
1994	4371	95.2	100.5	93.4	93.4
1995	3075	96.1	100.6	94.0	94.1

1996	2226	96.7	100.9	94.4	95.2
1997	1534	97.0	101.1	94.4	95.2
1998	1379	96.8	100.5	94.5	95.2
1999	1365	97.4	100.9	94.9	95.9
2000	1239	97.2	100.5	95.1	95.8
2001	1201	97.4	100.9	94.8	95.8
2002	1086	98.1	101.0	95.1	96.5
2003	1060	97.7	100.9	95.9	96.3
2004	1048	98.0	100.5	96.0	96.7
2005	1073	98.0	100.7	96.3	96.8
2006	1109	98.4	101.2	96.0	97.0
2007	1041	98.7	100.3	96.8	97.7
2008	1008	98.6	100.5	96.3	97.4
2009	1025	99.1	100.8	96.7	97.9
2010	1025	99.6	101.0	96.7	98.8
2011	1041	99.7	100.8	96.6	99.0
2012	1062	99.8	100.6	96.9	98.9
2013	1060	100.0	100.5	97.4	99.4
2014	872	100.8	100.3	97.2	100.1
2015	382	100.9	100.3	97.4	100.2

Tabel: 104 Maas Rijn IJssel: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	50218	94.7	90.6	101.0	95.1	93.7	92.7	90.5
1981	50835	95.0	90.7	101.0	95.0	93.5	92.8	90.4
1982	49109	95.0	91.3	101.2	94.9	93.3	92.9	91.1
1983	47694	95.3	91.7	101.0	95.2	93.6	93.0	91.4
1984	40884	96.0	92.2	101.7	95.4	94.6	93.4	91.9
1985	35807	96.4	92.6	102.4	95.5	94.9	93.5	92.1
1986	25979	96.6	92.8	102.5	95.5	95.2	93.7	92.4
1987	19841	97.1	93.2	102.5	95.9	95.3	94.0	92.8
1988	20949	97.0	93.6	102.0	96.1	94.9	94.3	93.0
1989	13251	96.8	93.8	101.3	96.2	94.5	95.0	93.5
1990	9382	97.0	94.3	101.9	96.7	94.8	94.8	93.7
1991	8226	97.7	95.1	102.2	96.8	95.8	94.8	94.0
1992	7506	97.8	95.8	101.8	96.7	96.1	94.5	94.1
1993	6788	98.7	96.2	101.4	97.7	96.6	95.2	94.5
1994	4371	98.9	96.5	101.3	97.7	96.4	95.2	94.8
1995	3075	99.0	96.8	100.9	97.9	96.2	95.8	95.4
1996	2226	98.4	97.3	100.8	98.2	96.0	96.2	96.1
1997	1534	98.4	97.5	100.8	98.0	96.5	96.3	96.4
1998	1379	98.7	97.3	101.2	98.2	96.7	96.0	96.0
1999	1365	98.7	97.6	101.3	98.1	97.5	96.8	96.7
2000	1239	98.8	97.0	101.6	98.1	97.2	96.5	96.6
2001	1201	98.9	97.9	100.8	98.3	96.9	96.9	97.2
2002	1086	99.3	98.4	100.7	98.8	97.7	97.4	97.7
2003	1060	99.3	98.3	100.7	99.3	97.7	97.4	97.7
2004	1048	99.7	98.5	100.6	99.5	98.3	97.3	97.6
2005	1073	99.8	98.9	100.8	99.7	98.3	97.5	97.9
2006	1109	99.8	98.5	100.9	100.0	99.0	97.7	97.8
2007	1041	99.6	99.7	101.4	99.9	99.9	98.8	98.9
2008	1008	99.4	99.3	100.5	99.7	99.7	99.0	99.1
2009	1025	100.0	100.0	100.3	100.3	100.3	99.4	99.7
2010	1025	100.5	100.6	100.0	100.7	101.2	99.6	100.2
2011	1041	101.1	100.3	99.9	100.9	101.1	99.4	100.1
2012	1062	101.2	100.7	99.2	101.3	101.2	99.7	100.6
2013	1060	101.0	101.9	99.6	100.8	102.6	100.4	101.3
2014	872	101.9	101.8	98.8	101.5	102.1	99.8	100.9

2015 382 102.4 101.9 98.6 101.7 101.7 99.7 100.9

Tabel: 105 Maas Rijn IJssel: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	50218	92.0	92.7	93.0	87.7	103.4	86.2
1981	50835	92.3	92.7	93.0	87.8	103.2	86.5
1982	49109	92.6	93.8	93.0	88.2	103.4	86.9
1983	47694	93.0	94.2	93.3	88.4	103.3	87.3
1984	40884	93.4	94.6	94.0	89.2	102.8	88.3
1985	35807	94.3	95.6	94.4	89.3	102.8	89.0
1986	25979	94.6	96.0	94.6	89.6	102.6	89.5
1987	19841	95.1	96.7	95.1	90.0	102.2	90.1
1988	20949	95.1	97.0	95.1	90.0	102.1	90.2
1989	13251	95.4	97.5	95.0	90.3	102.5	90.4
1990	9382	95.3	97.1	95.3	90.1	102.2	90.4
1991	8226	95.3	97.2	96.0	90.5	101.6	91.0
1992	7506	94.9	97.3	96.0	91.1	101.0	91.3
1993	6788	94.5	96.9	97.1	91.8	100.3	92.0
1994	4371	95.5	97.8	97.1	92.2	100.5	92.7
1995	3075	96.4	98.3	97.2	93.1	100.6	93.5
1996	2226	97.2	99.1	96.9	94.2	100.9	94.3
1997	1534	97.7	99.5	97.0	94.3	100.9	94.6
1998	1379	97.2	99.1	97.2	94.2	100.7	94.5
1999	1365	96.7	99.3	97.6	95.1	100.5	95.0
2000	1239	97.1	99.1	97.4	95.0	100.2	95.0
2001	1201	97.9	99.7	97.4	95.0	100.3	95.3
2002	1086	97.6	100.1	98.1	95.7	100.3	96.0
2003	1060	98.7	100.7	98.3	95.5	100.7	96.5
2004	1048	98.5	100.3	98.7	95.9	100.6	96.8
2005	1073	98.9	100.9	98.9	96.1	100.8	97.1
2006	1109	98.6	100.5	99.3	96.4	100.0	97.3
2007	1041	98.8	100.5	99.6	97.0	100.1	98.0
2008	1008	99.4	101.1	99.4	96.7	100.5	97.9
2009	1025	99.2	101.1	100.1	97.3	100.4	98.6
2010	1025	99.0	101.2	100.7	98.1	100.0	99.2
2011	1041	99.6	101.6	100.8	98.2	100.3	99.6
2012	1062	99.7	101.8	101.0	98.3	100.7	99.8
2013	1060	99.7	101.8	101.4	98.8	100.1	100.4
2014	872	100.0	101.8	101.8	99.4	100.3	100.9
2015	382	100.0	102.0	101.8	99.6	100.2	101.1

Tabel: 106 Maas Rijn IJssel: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	94572	103.8	104.6	106.5	105.3	102.7	101.9	88.7	106.2
1981	101334	104.1	104.6	106.6	105.4	103.0	101.9	88.4	106.2
1982	97521	103.7	104.5	106.2	105.1	102.6	101.9	88.2	105.9
1983	96182	103.5	104.2	105.8	104.7	102.3	101.7	88.5	105.5
1984	87500	103.2	104.1	105.4	104.4	102.0	101.9	88.6	105.2
1985	78997	102.8	103.9	104.9	104.1	101.6	101.8	89.5	104.7
1986	63544	102.6	103.7	104.6	103.9	101.4	101.5	89.6	104.5
1987	53005	102.8	103.5	104.4	103.7	101.4	101.7	89.8	104.2
1988	54953	103.4	102.8	104.2	103.2	101.6	102.0	89.4	103.9

1989	38403	103.5	102.7	104.1	103.2	101.7	102.0	89.3	103.9
1990	27687	103.3	102.5	103.8	102.8	101.6	102.3	89.6	103.5
1991	24242	102.5	102.4	103.1	102.3	101.2	101.8	90.3	103.0
1992	23409	102.3	102.6	103.1	102.4	101.5	102.0	91.2	103.0
1993	22805	102.3	102.3	102.9	102.3	101.7	101.9	91.5	102.8
1994	15521	102.3	101.5	102.2	101.5	101.1	101.8	91.5	102.0
1995	11250	102.1	101.6	102.0	101.4	101.0	101.3	91.4	101.9
1996	7786	101.6	102.0	101.7	101.5	100.8	100.9	93.3	101.8
1997	5752	101.4	101.6	101.4	101.1	100.7	100.9	93.6	101.4
1998	4968	101.3	101.7	101.2	101.1	100.7	100.9	93.9	101.3
1999	4537	101.5	101.3	101.2	101.0	100.9	101.2	94.5	101.2
2000	4076	101.4	101.1	101.0	100.8	100.9	101.5	94.6	101.0
2001	3934	101.2	100.8	100.5	100.3	100.5	101.0	94.6	100.5
2002	3317	100.9	100.5	100.0	99.9	100.1	100.5	95.1	99.9
2003	3420	100.7	100.8	100.0	100.1	100.2	99.9	96.1	100.0
2004	3209	100.9	100.9	100.2	100.4	100.6	100.3	96.6	100.3
2005	3113	100.7	100.9	100.1	100.3	100.5	100.4	97.3	100.2
2006	3276	100.4	100.5	99.7	99.8	100.4	100.8	97.6	99.7
2007	3464	100.6	100.6	99.8	100.0	100.6	100.8	98.2	99.9
2008	3519	100.7	100.5	99.7	99.9	100.5	100.7	98.5	99.8
2009	3131	100.7	100.7	99.9	100.1	100.7	100.8	98.7	100.0
2010	2959	100.6	100.5	99.7	99.9	100.7	100.6	99.1	99.7
2011	3005	100.3	100.3	99.2	99.5	100.3	100.2	99.4	99.3
2012	3115	100.1	100.3	99.1	99.5	100.1	99.6	99.7	99.3
2013	3235	100.8	99.8	99.3	99.4	100.6	100.4	99.4	99.3
2014	2703	100.4	99.8	99.1	99.3	100.2	100.0	100.3	99.1
2015	2140	100.7	99.6	99.1	99.3	100.4	100.6	100.6	99.1
2016	180	100.9	99.6	99.2	99.3	100.6	100.8	100.6	99.2

Tabel: 107 Maas Rijn IJssel: Gebruikskennmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	10687	97.1	88.3	98.7	102.8	103.5
1981	10836	97.1	88.8	98.3	102.2	103.3
1982	10991	97.2	90.1	98.0	102.0	103.0
1983	12346	97.6	91.0	97.8	101.6	102.8
1984	13027	97.3	92.4	97.6	101.3	102.4
1985	12475	97.5	93.2	97.4	101.0	102.3
1986	10168	97.6	93.9	97.2	100.9	102.1
1987	8511	98.0	94.9	97.1	100.8	102.0
1988	9914	98.1	95.6	97.5	100.9	102.4
1989	6736	98.3	95.5	97.4	100.6	102.2
1990	5264	98.0	95.5	97.5	100.7	102.2
1991	6662	98.5	95.9	97.6	100.7	102.0
1992	7492	98.7	96.2	97.3	100.4	101.6
1993	6690	98.9	97.1	98.1	101.0	101.8
1994	4168	98.9	97.0	97.8	100.7	101.2
1995	2940	99.2	96.9	97.4	100.3	100.6
1996	2087	99.8	96.5	98.0	100.4	101.0
1997	1425	99.7	96.8	97.7	100.1	100.7
1998	1300	99.8	97.1	97.8	99.9	100.8
1999	1260	99.6	97.2	97.5	99.4	100.3
2000	1159	99.3	97.9	98.0	99.9	100.7
2001	1122	99.4	97.5	97.7	99.4	100.3
2002	994	99.8	98.4	98.5	99.9	100.7
2003	954	99.6	97.9	98.1	99.5	100.5
2004	917	99.4	98.1	98.7	99.8	100.8
2005	913	99.6	98.3	98.2	99.2	100.4
2006	918	99.8	98.7	98.2	99.2	100.3

2007	903	99.7	99.3	98.8	99.7	101.0
2008	830	99.8	99.2	98.8	99.5	100.8
2009	868	99.7	99.0	99.2	99.6	101.0
2010	883	100.0	99.8	99.4	99.9	100.9
2011	853	100.1	100.3	99.7	99.9	100.8
2012	860	100.1	100.2	100.0	100.2	100.9
2013	847	99.7	99.7	100.1	100.1	101.1
2014	737	100.2	100.1	99.7	99.9	100.6
2015	291	100.7	101.0	99.4	99.8	100.4

Tabel: 108 Maas Rijn IJssel: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	15729	-183.2	-372.3	-280.7	103.6	106.2	93.0	87.7	97.1
1981	16267	-186.9	-370.4	-304.4	103.2	106.2	93.0	87.8	97.3
1982	19672	-189.3	-362.2	-320.3	102.9	105.9	93.0	88.2	97.0
1983	26166	-193.6	-357.3	-348.6	102.6	105.5	93.3	88.4	96.8
1984	33604	-195.0	-354.8	-414.1	102.2	105.2	94.0	89.2	97.1
1985	38645	-202.6	-353.4	-486.6	102.0	104.7	94.4	89.3	97.1
1986	35728	-206.5	-350.5	-548.1	101.8	104.5	94.6	89.6	97.1
1987	33913	-207.3	-347.4	-600.6	101.7	104.2	95.1	90.0	97.3
1988	43533	-207.9	-345.7	-631.3	102.0	103.9	95.1	90.0	97.3
1989	31641	-208.8	-344.0	-651.1	101.7	103.9	95.0	90.3	97.1
1990	23033	-203.1	-328.8	-615.2	101.7	103.5	95.3	90.1	96.9
1991	19507	-187.9	-297.0	-560.7	101.6	103.0	96.0	90.5	96.9
1992	18403	-180.3	-282.5	-530.5	101.2	103.0	96.0	91.1	96.8
1993	18302	-151.5	-255.7	-466.7	101.6	102.8	97.1	91.8	96.9
1994	12340	-154.3	-242.3	-459.0	101.1	102.0	97.1	92.2	96.9
1995	8913	-148.2	-234.8	-429.3	100.5	101.9	97.2	93.1	97.1
1996	6099	-129.7	-210.7	-359.8	100.8	101.8	96.9	94.2	97.4
1997	4436	-123.1	-186.7	-336.9	100.5	101.4	97.0	94.3	97.4
1998	3799	-114.6	-176.4	-308.0	100.5	101.3	97.2	94.2	97.5
1999	3526	-102.4	-158.4	-303.1	99.9	101.2	97.6	95.1	97.8
2000	3280	-87.8	-136.4	-253.7	100.4	101.0	97.4	95.0	98.1
2001	3181	-87.8	-119.1	-225.7	99.9	100.5	97.4	95.0	98.2
2002	2661	-66.3	-89.5	-168.4	100.4	99.9	98.1	95.7	98.2
2003	2670	-67.6	-91.8	-153.0	100.1	100.0	98.3	95.5	98.1
2004	2553	-50.2	-82.5	-98.5	100.5	100.3	98.7	95.9	98.4
2005	2541	-49.3	-72.8	-109.7	99.9	100.2	98.9	96.1	98.4
2006	2713	-31.6	-38.4	-37.6	99.8	99.7	99.3	96.4	98.8
2007	2821	-22.2	-36.7	-20.6	100.5	99.9	99.6	97.0	98.9
2008	2850	-23.4	-23.3	-53.9	100.2	99.8	99.4	96.7	99.2
2009	2660	-10.5	-10.7	-25.2	100.5	100.0	100.1	97.3	99.4
2010	2504	0.6	2.1	29.3	100.5	99.7	100.7	98.1	99.3
2011	2504	3.5	16.1	32.4	100.4	99.3	100.8	98.2	99.2
2012	2593	7.5	27.6	25.5	100.7	99.3	101.0	98.3	99.1
2013	2699	15.7	36.6	22.9	100.8	99.3	101.4	98.8	99.6
2014	2289	25.8	56.6	63.6	100.4	99.1	101.8	99.4	99.6
2015	1344	33.2	65.9	113.6	100.2	99.1	101.8	99.6	99.6
2016	12	47.2	92.7	169.9	100.7	99.2	105.0	103.0	99.5

Tabel: 109 Maas Rijn IJssel: Klauwgezondheidskenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
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1986	10	97.3	97.6	98.7	97.8	98.7	100.3	99.1
1991	10	96.1	97.5	98.0	96.4	96.4	100.4	98.8
1992	14	97.1	97.8	98.8	97.2	97.7	101.2	98.9
1993	43	96.7	98.2	98.3	96.0	99.4	97.8	100.2
1994	106	96.8	97.3	98.7	96.0	99.4	100.2	100.2
1995	422	96.9	97.5	98.7	96.1	99.5	100.1	100.3
1996	221	97.5	98.2	98.9	96.9	99.0	101.2	99.6
1997	324	97.5	98.1	98.9	96.9	99.0	101.2	99.7
1998	386	97.4	98.2	98.8	96.8	99.0	100.9	99.6
1999	466	97.2	98.1	98.5	96.7	99.3	99.8	99.8
2000	370	97.1	98.6	98.2	96.4	99.6	99.0	99.8
2001	361	97.7	98.8	98.9	96.8	99.8	99.7	100.2
2002	458	98.5	99.0	99.0	97.8	99.9	100.8	100.4
2003	499	98.6	99.2	99.0	98.1	100.0	100.8	100.4
2004	580	98.0	98.9	98.9	97.6	99.5	100.1	99.9
2005	522	98.7	99.2	99.3	98.1	99.6	100.7	100.0
2006	630	98.6	99.6	98.9	98.0	99.6	100.9	100.0
2007	660	98.8	99.6	99.1	98.5	99.6	100.2	99.7
2008	703	98.0	99.2	98.6	97.8	99.3	99.7	99.6
2009	734	98.0	99.3	98.4	97.6	99.4	100.0	99.9
2010	701	99.0	99.8	98.8	98.3	100.1	101.0	100.7
2011	692	99.3	99.9	99.3	98.9	99.7	101.3	100.5
2012	635	99.4	99.9	99.4	98.7	100.0	101.3	100.5
2013	684	99.6	100.8	99.3	98.4	100.8	100.1	100.6
2014	526	99.7	100.5	99.5	98.9	100.2	101.1	100.4
2015	238	99.0	99.6	99.1	98.7	99.4	101.4	100.4

Tabel: 110 Maas Rijn IJssel: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	12911	96.4	98.1	96.4	98.1	99.0	98.1
1981	12487	96.6	98.2	96.6	98.2	99.2	98.3
1982	14419	96.1	98.3	96.1	98.3	98.8	98.2
1983	17734	96.3	97.7	96.3	97.7	98.7	98.2
1984	20376	96.6	97.8	96.6	97.8	99.0	98.2
1985	21386	96.7	97.8	96.7	97.8	99.0	97.8
1986	18659	96.9	97.7	96.9	97.7	99.3	97.9
1987	17303	96.9	98.0	96.9	98.0	99.3	97.7
1988	21376	96.9	98.0	96.9	98.0	99.3	98.0
1989	17070	96.9	97.8	96.9	97.8	99.4	98.0
1990	15164	96.9	97.9	96.9	97.9	99.3	98.1
1991	17656	97.2	97.9	97.2	97.9	99.7	98.2
1992	18405	97.4	97.7	97.4	97.7	99.6	98.1
1993	22489	97.9	97.6	97.9	97.6	100.8	98.0
1994	17283	98.1	97.5	98.1	97.5	100.9	97.8
1995	15020	98.3	97.5	98.3	97.5	101.0	97.9
1996	11365	98.7	97.5	98.7	97.5	100.7	98.1
1997	8877	98.7	97.6	98.7	97.6	100.7	98.2
1998	7781	98.8	97.7	98.8	97.7	100.7	98.2
1999	7317	99.1	97.7	99.1	97.7	101.3	98.2
2000	6523	99.7	97.8	99.7	97.8	102.1	98.4
2001	5713	99.9	97.7	99.9	97.7	102.2	98.2
2002	5114	99.6	97.9	99.6	97.9	102.2	98.2
2003	5136	99.9	97.7	99.9	97.7	101.8	98.2
2004	4835	99.9	98.0	99.9	98.0	101.9	98.5
2005	4513	100.0	97.9	100.0	97.9	101.8	98.5
2006	4500	100.3	98.2	100.3	98.2	102.3	99.0
2007	4376	100.4	98.4	100.4	98.4	102.6	98.8
2008	4428	100.4	98.7	100.4	98.7	102.5	99.4

2009	4404	100.5	98.9	100.5	98.9	102.4	99.3
2010	4240	100.5	98.8	100.5	98.8	102.0	99.2
2011	4119	100.4	98.8	100.4	98.8	102.1	99.2
2012	3998	100.2	98.8	100.2	98.8	102.0	99.2
2013	4141	100.8	99.0	100.8	99.0	102.5	98.8
2014	3761	100.3	99.2	100.3	99.2	102.3	99.3
2015	3501	100.3	99.4	100.3	99.4	102.6	99.4
2016	3119	100.4	99.1	100.4	99.1	102.5	99.1
2017	2692	100.5	99.1	100.5	99.1	102.7	99.2
2018	291	100.2	99.3	100.2	99.3	102.6	99.3

Tabel: 111 Maas Rijn IJssel: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	18843	100.9	102.1	100.2	83.1	80.4	83.5
1981	18591	100.8	102.2	100.4	83.4	80.3	83.3
1982	19857	100.1	102.6	101.1	86.4	83.4	86.9
1983	34125	99.9	102.9	101.3	90.1	87.2	90.5
1984	32556	100.7	102.5	100.4	92.9	89.7	92.5
1985	27512	100.9	101.9	100.2	94.8	92.4	94.7
1986	22229	100.2	102.2	100.9	94.5	91.9	94.5
1987	18809	101.1	101.5	99.9	96.8	94.3	97.0
1988	19391	101.1	101.7	100.0	98.7	95.3	97.7
1989	12044	100.3	101.3	100.8	98.4	94.3	96.8
1990	9301	100.3	102.3	100.9	97.0	94.4	97.2
1991	9907	100.1	102.5	101.1	98.2	96.4	98.9
1992	9696	100.3	102.9	101.1	97.6	96.9	99.0
1993	8377	100.7	101.7	100.6	97.6	97.2	99.6
1994	5406	100.6	102.1	100.8	98.1	97.1	99.8
1995	4908	100.9	101.9	100.5	98.0	97.1	98.7
1996	3750	101.0	102.3	100.3	98.6	96.7	98.1
1997	2644	100.4	102.0	101.0	99.5	96.9	98.1
1998	2198	100.8	101.9	100.5	98.9	97.5	98.7
1999	2243	101.1	101.5	100.2	99.0	97.0	98.9
2000	2149	100.5	101.1	100.8	99.8	97.2	99.5
2001	2071	100.5	101.0	100.7	99.6	96.9	98.5
2002	1778	100.0	100.7	101.1	99.6	96.6	97.6
2003	1946	99.7	101.3	101.3	99.6	97.5	99.1
2004	1984	99.4	101.0	101.6	100.2	97.6	98.5
2005	2102	99.3	100.7	101.8	100.5	98.6	98.8
2006	2210	99.2	101.4	101.9	100.9	97.7	98.9
2007	2850	100.0	100.7	100.8	99.6	98.1	100.3
2008	3002	99.3	100.9	101.6	100.6	98.0	100.1
2009	3045	99.0	101.1	101.8	100.9	98.8	99.9
2010	2890	99.0	101.4	101.9	100.7	98.9	99.2
2011	2664	98.8	101.5	102.1	100.2	99.1	99.1
2012	2472	98.6	101.5	102.3	100.2	99.3	99.1
2013	2562	100.1	100.5	100.7	99.3	99.6	100.5
2014	2408	99.5	101.1	101.1	100.0	99.2	99.7
2015	2199	99.6	100.7	100.9	99.6	99.4	99.7
2016	1751	99.6	100.7	101.0	99.1	99.5	100.0
2017	1506	99.4	100.6	101.3	99.3	98.9	99.0
2018	173	99.7	99.9	101.0	99.1	99.2	98.6

Tabel: 112 Maas Rijn IJssel: Vleeskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	179	106.7	107.8	97.3	99.5	110.9	95.4	105.1	99.2	110.4	96.5	102.6
1981	203	106.5	107.9	97.2	99.9	110.9	95.7	104.9	98.9	110.2	96.4	103.0
1982	189	106.5	107.6	97.3	100.1	110.6	95.9	105.1	98.8	109.8	97.1	102.6
1983	234	106.3	107.7	96.9	100.0	110.6	95.9	104.7	98.7	110.3	97.2	103.6
1984	259	106.1	106.8	96.9	99.9	110.0	95.9	104.6	98.9	109.3	97.0	102.7
1985	248	105.9	106.6	96.5	100.1	109.7	95.8	104.4	98.9	109.1	96.6	103.3
1986	195	105.7	106.1	96.8	100.2	109.3	96.0	104.4	98.9	108.6	96.8	102.7
1987	195	105.4	105.6	96.4	100.3	108.4	95.8	104.1	99.2	108.0	96.3	102.5
1988	220	105.2	106.1	97.0	100.3	108.6	96.3	103.8	99.2	108.5	97.2	102.2
1989	175	105.6	106.3	97.1	100.4	109.1	96.3	104.1	99.4	108.6	97.5	102.1
1990	156	105.3	106.6	97.7	100.5	108.7	96.8	103.9	99.2	108.4	97.9	102.3
1991	159	104.6	105.4	97.2	100.2	106.9	96.7	103.3	99.8	106.9	97.5	101.8
1992	188	104.3	104.1	98.4	99.4	106.3	97.2	103.1	99.8	106.1	98.0	101.4
1993	192	104.4	104.4	98.4	99.3	106.8	96.8	103.0	100.0	106.4	98.0	101.1
1994	144	103.3	103.3	98.8	99.2	105.0	97.2	102.5	99.4	104.9	98.2	100.6
1995	110	103.2	104.0	99.3	99.8	105.3	97.8	102.4	99.1	105.4	98.8	100.6
1996	90	102.1	103.2	98.5	99.6	103.8	98.0	101.2	99.3	104.7	98.2	100.5
1997	74	102.2	103.3	98.5	100.1	103.4	98.0	101.3	99.8	104.4	98.6	100.8
1998	58	102.1	101.4	98.9	99.5	102.4	97.8	101.3	100.2	102.8	98.5	100.1
1999	71	102.3	102.3	99.7	99.6	103.5	98.7	101.2	99.9	104.0	99.8	100.1
2000	44	102.6	102.7	99.4	99.9	103.6	98.4	101.7	100.4	103.9	99.5	99.8
2001	40	101.2	101.7	99.5	99.2	101.8	98.9	100.4	100.1	102.5	100.3	98.3
2002	46	102.6	102.1	100.0	100.3	102.5	98.8	101.9	100.4	103.5	100.1	100.5
2003	42	101.9	102.1	98.7	100.5	101.6	98.7	101.0	100.8	102.9	99.2	100.6
2004	46	101.5	102.4	98.7	100.8	101.7	99.0	100.9	99.8	102.9	99.4	101.0
2005	46	101.2	101.4	98.3	100.8	100.2	98.8	100.7	100.0	101.8	98.4	101.4
2006	50	100.9	100.8	99.8	99.7	100.5	99.2	100.4	100.5	101.4	100.1	98.9
2007	38	100.6	101.7	99.1	99.4	101.1	99.4	99.9	99.6	102.5	98.8	100.0
2008	43	101.8	100.9	99.8	99.6	101.5	98.9	101.0	100.9	102.3	99.2	100.1
2009	32	101.2	100.1	99.8	99.6	100.6	99.2	100.8	100.1	101.9	99.3	100.1
2010	20	99.7	100.2	100.2	99.6	98.7	100.2	99.5	99.5	101.8	99.8	99.8
2011	18	99.7	99.7	100.8	98.9	98.9	100.1	99.2	100.2	100.8	100.3	98.2

Tabel: 113 Maas Rijn IJssel: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	12924	96.9	96.3	102.1
1981	12439	97.6	96.9	102.0
1982	14454	97.4	96.8	102.0
1983	17926	97.5	96.7	102.1
1984	20844	96.7	96.0	102.0
1985	21933	96.2	95.6	101.9
1986	19324	96.4	95.8	101.7
1987	17825	95.9	95.3	101.5
1988	22158	96.1	95.5	102.0
1989	17705	96.1	95.7	102.2
1990	15856	95.7	95.4	102.1
1991	17562	95.5	95.4	101.9
1992	17683	95.8	95.7	101.8
1993	23999	95.7	95.6	102.0
1994	22157	96.1	96.0	101.9
1995	17048	96.4	96.4	101.9
1996	12733	97.1	97.2	101.5
1997	10126	97.5	97.5	101.3
1998	8860	97.6	97.6	101.3
1999	8262	98.4	98.0	101.3

2000	7278	98.8	98.4	101.6
2001	6299	98.9	98.4	101.4
2002	5672	99.6	98.9	101.2
2003	5652	99.6	98.9	100.6
2004	5337	99.5	98.6	100.5
2005	4906	99.5	98.6	100.5
2006	4878	99.7	98.6	100.4
2007	4709	100.3	99.1	101.1
2008	4825	100.2	98.8	100.6
2009	4763	99.8	98.6	99.8
2010	4572	100.6	99.4	99.8
2011	4459	100.6	99.5	99.7
2012	4284	101.0	99.7	99.7
2013	4477	101.0	99.7	99.8
2014	4129	101.2	99.9	99.9
2015	3919	101.8	100.3	99.7
2016	3529	101.7	100.3	99.7
2017	3069	101.9	100.5	99.8
2018	271	101.8	100.5	99.8

Tabel: 114 Maas Rijn IJssel: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	3188	-2213.1	-7981.1	-400.0	-307.7
2002	2676	-1768.8	-6277.4	-321.9	-245.0
2003	2669	-1686.7	-5871.1	-313.9	-230.6
2004	2560	-1321.4	-4465.1	-250.8	-178.7
2005	2559	-1351.4	-4597.7	-257.0	-182.3
2006	2731	-790.9	-2374.6	-164.4	-100.6
2007	2840	-668.8	-1950.3	-138.7	-85.4
2008	2880	-826.5	-2649.3	-165.9	-107.7
2009	2683	-598.3	-1674.0	-129.1	-74.2
2010	2545	-200.1	-1.0	-60.4	-17.9
2011	2533	-127.6	146.2	-44.5	-8.8
2012	2637	-128.6	64.6	-41.7	-10.2
2013	2737	-104.6	110.1	-42.1	-4.3
2014	2325	231.8	1511.2	19.9	41.3
2015	1483	595.8	2921.8	85.7	91.7
2016	19	1156.2	5018.1	179.6	173.2

Tabel: 115 Maas Rijn IJssel: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1981	12	97.8	102.5	100.9
1982	85	98.1	101.2	99.9
1983	329	98.1	100.9	99.9
1984	479	100.4	102.4	100.9
1985	563	101.2	103.1	101.0
1986	456	100.9	103.2	101.1
1987	406	100.8	103.1	101.1
1988	251	101.0	102.9	101.2
1989	71	99.3	103.2	100.7
1990	118	98.1	101.7	99.7
1991	204	98.9	101.2	99.6

1992	257	99.3	101.7	99.8
1993	361	99.9	101.8	100.4
1994	182	98.3	102.1	100.6
1995	152	97.8	102.6	100.8
1996	151	99.0	103.1	100.2
1997	111	99.4	103.1	100.5
1998	124	99.1	102.8	100.5
1999	140	99.7	102.7	101.0
2000	155	99.6	102.6	100.9
2001	163	98.8	103.4	100.8
2002	151	99.4	103.3	100.7
2003	169	99.3	103.5	100.8
2004	207	99.0	103.1	100.9
2005	248	99.7	103.6	100.6
2006	249	99.6	103.6	100.5
2007	289	100.0	103.0	100.9
2008	312	99.8	103.2	100.9
2009	367	99.9	103.1	100.6
2010	344	99.7	103.2	101.0
2011	418	99.8	103.6	101.0
2012	447	99.9	104.4	100.9
2013	469	100.1	105.0	100.9
2014	407	100.6	106.1	101.1
2015	250	101.3	107.2	101.1

Tabel: 116 Maas Rijn IJssel: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	15745	99.6	102.2	0	0.0	0	0.0
1981	16278	99.4	101.9	0	0.0	0	0.0
1982	19684	99.3	102.2	0	0.0	0	0.0
1983	26176	99.1	101.9	0	0.0	0	0.0
1984	33613	99.5	101.9	0	0.0	0	0.0
1985	38646	99.3	101.6	35879	-4.0	0	0.0
1986	35732	99.1	101.4	26043	-3.8	0	0.0
1987	33914	98.8	101.2	19897	-3.6	0	0.0
1988	43533	98.4	100.6	21014	-3.3	0	0.0
1989	31641	98.1	100.3	13294	-3.2	0	0.0
1990	23033	98.2	100.4	9394	-3.1	0	0.0
1991	19507	98.2	100.2	8234	-2.9	0	0.0
1992	18403	98.6	100.4	7527	-2.8	0	0.0
1993	18302	98.9	100.8	6819	-2.6	0	0.0
1994	12340	98.8	100.4	4401	-2.4	0	0.0
1995	8914	99.5	100.5	3099	-2.2	0	0.0
1996	6099	99.8	100.8	2242	-1.9	0	0.0
1997	4436	99.5	100.3	1556	-1.7	0	0.0
1998	3799	99.4	100.4	1398	-1.7	0	0.0
1999	3526	99.4	99.9	1376	-1.5	0	0.0
2000	3280	99.8	100.0	1261	-1.4	0	0.0
2001	3181	100.0	100.1	1219	-1.2	1201	96.9
2002	2661	100.1	100.2	1091	-1.0	1086	97.1
2003	2670	99.8	99.8	1061	-0.9	1060	98.0
2004	2553	100.0	100.0	1050	-0.8	1048	97.9
2005	2541	99.5	99.4	1076	-0.6	1073	98.8
2006	2713	100.0	99.4	1120	-0.5	1109	98.1
2007	2821	100.0	99.6	1048	-0.5	1041	98.0
2008	2850	100.0	99.0	1017	-0.2	1008	99.0
2009	2660	100.1	98.8	1030	-0.1	1025	99.1
2010	2504	100.2	99.0	1035	-0.1	1025	98.9

2011	2504	100.3	99.1	1045	0.1	1041	99.3
2012	2593	100.4	99.4	1066	0.2	1062	99.9
2013	2699	100.2	99.5	1064	0.3	1060	99.6
2014	2289	100.8	99.5	877	0.5	872	99.7
2015	1344	101.2	99.7	384	0.5	382	99.7
2016	12	101.1	100.2	1	2.5	1	101.0

Tabel: 117 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1986	12	-2487.4	-70.4	-80.8	-113.0	57.5	10.2	0.8	-513.0
1987	41	-2243.5	-70.6	-75.6	-101.8	39.3	4.6	0.9	-488.8
1988	22	-2397.2	-68.6	-80.0	-108.8	54.0	6.2	0.9	-504.7
1991	36	-2291.6	-74.4	-74.8	-104.1	36.4	8.3	0.7	-494.4
1992	60	-2202.6	-76.2	-73.5	-100.0	28.0	5.8	0.6	-491.7
1993	88	-2163.3	-74.1	-70.6	-98.2	29.4	8.5	0.6	-474.5
1994	32	-1927.6	-54.2	-61.9	-87.4	41.0	8.2	0.6	-394.2
1995	35	-1941.2	-53.8	-59.3	-88.1	43.5	12.9	0.7	-382.8
1996	37	-1832.5	-52.2	-56.9	-83.1	39.0	10.9	0.7	-368.1
1997	25	-1559.9	-48.3	-47.6	-70.7	26.5	10.0	0.6	-318.0
1998	19	-1725.0	-47.4	-51.3	-78.2	38.5	13.3	0.6	-333.4

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 118 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1981	18	86.4	97.1	90.2	88.6	105.5	99.9	93.9
1982	28	86.2	96.5	89.5	88.5	104.2	99.1	95.5
1983	37	86.9	97.5	90.2	88.9	105.2	99.4	95.3
1984	40	86.8	97.4	90.8	89.3	104.5	98.7	95.6
1985	49	85.8	96.8	90.3	88.6	105.2	98.3	94.3
1986	22	85.7	97.9	91.4	88.8	105.5	97.0	94.6
1987	20	86.5	96.0	90.5	89.7	103.7	99.5	95.2
1991	19	87.6	98.1	92.4	90.1	105.0	99.2	95.5
1992	33	87.9	97.4	90.8	89.1	104.9	99.4	96.5
1993	43	87.8	98.3	91.1	89.4	104.8	99.3	96.3
1994	13	88.9	99.8	93.6	91.5	105.2	99.1	97.6
1995	16	89.6	99.5	94.2	92.4	104.2	99.7	96.9
1996	15	89.5	101.0	95.1	92.6	105.0	100.2	97.0

Tabel: 119 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1981	18	92.4	98.8	94.1	89.1
1982	28	91.4	99.8	93.1	88.0
1983	37	92.6	100.2	95.0	89.2
1984	40	91.4	101.1	92.9	88.4
1985	49	93.5	98.7	95.0	90.2
1986	22	93.0	99.0	95.1	89.9

1987	20	94.0	100.5	94.5	90.5
1991	19	93.5	100.7	93.7	91.3
1992	33	94.7	100.2	94.5	91.9
1993	43	95.3	100.4	94.9	92.7
1994	13	94.6	100.6	94.4	92.3
1995	16	93.3	101.3	93.8	92.1
1996	15	94.4	101.5	93.5	92.8

Tabel: 120 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1981	18	92.7	89.8	100.7	94.0	86.7	90.5	89.4
1982	28	90.2	87.8	101.3	92.1	86.0	88.9	87.9
1983	37	90.8	89.0	100.7	92.8	85.9	89.3	88.4
1984	40	91.6	89.3	100.2	92.8	87.3	89.7	89.2
1985	49	92.2	89.4	100.6	93.2	87.7	91.0	89.8
1986	22	92.5	89.6	101.1	92.8	88.7	91.8	90.7
1987	20	92.2	89.5	101.2	92.5	89.2	91.2	90.1
1991	19	92.2	90.4	100.8	92.2	88.4	91.4	90.3
1992	33	92.3	90.6	101.1	93.1	88.0	90.1	90.0
1993	43	93.9	91.9	99.2	94.3	90.3	91.6	91.4
1994	13	93.6	92.9	101.0	92.3	89.5	90.7	90.7
1995	16	93.7	93.7	99.1	93.0	88.1	91.8	92.2
1996	15	93.3	93.1	100.1	92.7	88.5	93.3	92.8

Tabel: 121 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	18	92.6	93.2	88.7	88.2	0.0	84.6
1982	28	92.5	92.3	86.0	87.0	0.0	82.3
1983	37	93.1	93.6	86.7	88.6	0.0	83.8
1984	40	93.0	93.5	87.7	87.2	0.0	83.7
1985	49	91.9	93.0	88.6	89.0	0.0	84.6
1986	22	92.0	94.0	89.2	88.7	0.0	84.9
1987	20	92.6	92.8	89.0	90.2	0.0	85.7
1991	19	93.9	94.5	88.8	90.3	0.0	86.2
1992	33	93.8	93.9	88.7	91.1	0.0	86.5
1993	43	94.1	94.2	90.9	91.9	0.0	88.3
1994	13	95.9	96.5	89.6	91.3	0.0	88.2
1995	16	96.1	96.5	89.5	91.0	0.0	88.1
1996	15	97.1	97.8	89.7	91.8	0.0	89.1

Tabel: 122 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidkenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	11	104.5	107.2	109.8	108.4	105.0	102.1	87.7	109.3
1981	30	104.1	107.6	109.5	108.9	104.6	101.9	89.1	109.5
1982	81	104.3	107.6	109.6	109.0	104.8	101.4	89.5	109.5
1983	79	103.8	106.8	108.7	107.9	104.2	101.8	89.5	108.5

1984	122	103.6	106.9	108.6	108.0	104.1	101.7	89.8	108.6
1985	174	104.5	106.8	109.2	108.3	104.8	101.9	88.0	109.1
1986	100	104.5	106.5	109.0	108.1	104.7	101.6	88.2	108.8
1987	76	104.5	105.6	108.3	107.1	104.1	102.2	89.1	107.9
1988	54	105.1	105.6	108.5	107.4	104.5	101.8	88.7	108.2
1990	11	104.2	105.7	107.9	106.7	103.7	101.9	89.1	107.6
1991	40	105.3	104.4	107.8	106.3	104.3	102.3	89.7	107.3
1992	74	105.2	104.5	107.6	106.2	104.2	102.1	90.3	107.1
1993	106	104.6	104.6	107.2	106.1	103.9	101.5	90.8	106.8
1994	35	104.4	104.1	106.4	105.5	103.3	101.5	90.7	106.2
1995	43	104.8	103.5	106.6	105.1	103.6	101.4	90.8	106.1
1996	43	103.8	103.8	106.0	104.9	103.3	101.5	92.3	105.7
1997	29	103.9	101.7	105.1	103.2	102.5	100.8	92.1	104.4
1998	24	103.1	102.3	104.8	103.2	101.9	100.8	92.6	104.2

Tabel: 123 MRIJ - Holstein Friesian roodbont: Gebruikskkenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1987	19	98.2	96.1	98.0	101.5	104.2
1991	15	99.8	98.9	98.2	100.7	103.0
1992	31	100.1	98.6	97.4	100.3	102.8
1993	41	99.6	96.6	98.5	101.4	103.9
1994	12	100.9	99.6	98.4	101.1	103.5
1995	15	100.4	98.9	98.6	100.6	103.3
1996	12	99.0	98.9	97.7	99.9	103.1

Tabel: 124 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1986	12	-212.1	-513.0	-425.2	103.8	108.8	89.2	88.7	98.6
1987	41	-204.1	-488.8	-506.1	103.4	107.9	89.0	90.2	98.3
1988	22	-218.1	-504.7	-568.5	103.4	108.2	87.1	88.5	99.0
1991	36	-234.4	-494.4	-582.8	102.3	107.3	88.8	90.3	96.7
1992	60	-225.8	-491.7	-497.2	101.9	107.1	88.7	91.1	98.2
1993	88	-210.7	-474.5	-497.5	103.1	106.8	90.9	91.9	98.1
1994	32	-194.7	-394.2	-474.3	102.8	106.2	89.6	91.3	98.2
1995	35	-182.7	-382.8	-440.4	102.4	106.1	89.5	91.0	98.3
1996	37	-175.1	-368.1	-403.1	101.9	105.7	89.7	91.8	98.8
1997	25	-157.5	-318.0	-353.2	101.7	104.4	91.2	93.8	99.5
1998	19	-176.1	-333.4	-487.3	101.6	104.2	88.2	93.4	98.8

Tabel: 125 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	28	98.5	98.9	98.5	98.9	98.5	99.9
1988	10	99.3	98.3	99.3	98.3	99.2	100.6
1991	35	97.2	98.2	97.2	98.2	96.7	98.2
1992	64	98.2	99.1	98.2	99.1	98.2	99.4
1993	87	97.8	99.4	97.8	99.4	98.1	99.1

1994	37	97.9	99.5	97.9	99.5	98.4	99.2
1995	45	98.7	99.0	98.7	99.0	99.2	98.6
1996	55	98.9	99.5	98.9	99.5	98.9	99.7
1997	39	99.7	99.8	99.7	99.8	100.0	99.6
1998	39	99.7	99.2	99.7	99.2	99.8	98.5
1999	13	100.2	99.5	100.2	99.5	99.7	98.9

Tabel: 126 MRIJ - Holstein Friesian roodbont: Geboortekenmerken
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1987	30	101.3	102.5	98.5	100.2	98.3	98.3
1991	18	97.4	104.4	102.4	95.4	101.3	101.2
1992	24	99.7	102.6	100.3	99.5	99.4	97.8
1993	30	97.9	103.7	101.9	98.6	100.3	99.1
1994	10	97.3	103.4	102.8	78.0	80.2	81.5
1995	13	98.4	102.8	101.5	98.2	99.1	100.8
1996	19	99.8	102.9	100.2	100.3	100.2	98.3
1997	10	100.1	101.9	99.6	88.2	88.6	89.3
1998	11	98.7	103.1	101.2	89.5	90.8	90.3

Tabel: 127 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	31	98.1	100.0	98.6
1988	10	98.3	100.1	98.6
1991	35	96.9	98.9	98.9
1992	63	97.1	99.5	99.1
1993	97	97.2	99.6	98.9
1994	45	97.2	99.6	98.5
1995	56	98.2	100.3	99.1
1996	66	97.8	100.2	98.3
1997	48	98.5	100.5	98.9
1998	52	98.4	100.3	98.9
1999	15	97.9	99.6	98.5

Tabel: 128 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.
Basis: Melkdoel zwart
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1985	5	97.2	101.4	49	-6.0	0	0.0
1986	12	97.3	101.3	22	-5.7	0	0.0
1987	41	96.2	100.0	20	-4.9	0	0.0
1988	22	96.9	100.0	8	-5.1	0	0.0
1991	36	95.1	98.6	19	-4.3	0	0.0
1992	60	94.9	99.4	33	-4.4	0	0.0
1993	88	95.7	99.5	43	-4.1	0	0.0
1994	32	96.9	100.1	13	-3.6	0	0.0
1995	35	97.0	99.6	16	-3.3	0	0.0
1996	37	96.3	99.9	15	-2.9	0	0.0
1997	25	97.1	98.6	9	-2.4	0	0.0

1998 19 97.4 99.1 8 -3.4 0 0.0

Tabel: 129 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	35	-1833.5	-71.7	-73.8	-83.7	16.9	-12.4	-0.3	-478.3
1981	60	-1951.8	-76.0	-77.0	-89.1	19.5	-10.6	-0.4	-502.2
1982	205	-1821.5	-73.6	-72.8	-83.1	13.3	-11.2	-0.3	-478.2
1983	374	-1797.3	-71.9	-72.5	-82.0	14.3	-12.1	-0.4	-473.0
1984	779	-1761.3	-69.2	-70.7	-80.4	16.0	-11.1	-0.4	-459.6
1985	1932	-1878.1	-68.0	-72.7	-85.7	27.0	-7.6	-0.4	-466.4
1986	3397	-1881.1	-70.2	-72.5	-85.8	23.8	-7.0	-0.4	-470.4
1987	5176	-1922.2	-72.9	-73.1	-87.7	22.5	-5.6	-0.4	-479.3
1988	8781	-1935.7	-71.4	-72.5	-88.3	26.3	-3.6	-0.4	-473.8
1989	10702	-1877.9	-69.5	-70.3	-85.7	25.3	-3.3	-0.4	-459.8
1990	15355	-1852.2	-69.8	-69.4	-84.5	22.7	-3.4	-0.4	-456.3
1991	21979	-1780.2	-65.1	-64.4	-81.2	24.5	0.2	-0.4	-425.3
1992	24772	-1721.2	-65.2	-63.0	-78.6	19.9	-1.0	-0.3	-418.8
1993	24169	-1660.0	-65.2	-60.7	-75.8	15.4	-0.9	-0.3	-408.7
1994	31032	-1508.7	-52.5	-53.6	-68.9	23.8	1.6	-0.3	-350.7
1995	34653	-1456.7	-48.9	-51.6	-66.5	25.6	1.8	-0.3	-334.3
1996	32634	-1351.6	-45.0	-48.1	-61.7	24.1	1.3	-0.3	-310.5
1997	31728	-1254.0	-42.2	-44.6	-57.2	21.5	1.4	-0.3	-288.5
1998	30015	-1203.0	-39.5	-42.2	-54.9	22.1	2.3	-0.3	-272.3
1999	26191	-1123.1	-35.5	-39.6	-51.3	22.3	1.7	-0.3	-252.3
2000	19728	-996.3	-33.2	-36.8	-45.4	17.2	-0.7	-0.0	-234.2
2001	16937	-841.3	-31.5	-31.2	-37.4	9.9	-0.7	1.4	-205.5
2002	12005	-744.2	-28.1	-28.7	-32.8	8.4	-2.0	1.6	-186.8
2003	11784	-649.6	-20.1	-23.6	-29.6	13.1	0.4	0.1	-147.8
2004	10650	-534.6	-12.9	-18.8	-24.5	15.5	1.3	-0.1	-111.4
2005	8566	-465.5	-10.5	-15.6	-21.2	14.7	2.2	-0.1	-92.4
2006	7965	-395.3	-9.5	-13.1	-17.9	11.9	2.2	0.1	-79.0
2007	6891	-341.6	-6.1	-10.4	-15.6	13.0	3.1	0.0	-60.2
2008	6352	-272.6	-5.5	-8.0	-12.4	9.6	2.9	0.0	-48.3
2009	5330	-272.2	-7.5	-8.3	-11.7	7.0	2.6	0.9	-53.1
2010	4549	-190.7	-5.5	-5.2	-8.5	4.9	2.8	0.3	-35.3
2011	4199	-133.0	-3.3	-3.1	-5.6	4.4	2.7	0.7	-21.3
2012	4076	-84.9	-1.7	-1.5	-3.3	3.7	2.6	0.7	-10.6
2013	3781	-45.6	-0.3	0.3	-1.6	3.2	3.0	0.6	0.1
2014	3249	6.4	0.1	2.1	1.1	0.7	3.0	1.0	9.2
2015	2046	-26.7	-0.7	2.4	0.9	1.5	4.7	2.6	8.7
2016	46	-5.7	1.5	3.6	1.8	2.7	5.2	2.6	18.6

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 130 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	35	89.6	96.3	90.9	90.7	101.6	97.2	95.8
1981	65	88.4	95.6	90.3	90.3	101.5	97.4	95.7
1982	243	88.5	96.6	91.0	90.6	101.6	97.6	96.5
1983	406	88.7	97.0	91.2	90.8	102.0	97.8	96.3
1984	766	88.1	96.7	91.0	90.7	101.6	97.6	95.8
1985	1544	87.7	96.4	90.7	90.2	102.0	97.5	94.6
1986	2416	87.7	96.5	91.0	90.4	102.0	97.0	94.8

1987	3459	87.9	97.4	91.1	90.2	102.5	97.6	95.8
1988	4951	87.8	97.3	91.0	90.0	102.7	97.6	95.7
1989	5444	88.2	97.6	91.3	90.3	102.5	97.7	95.8
1990	8213	88.5	97.9	91.3	90.2	102.7	98.0	96.4
1991	12828	89.3	97.8	91.6	90.5	102.4	98.0	96.9
1992	14958	89.4	98.0	91.5	90.6	102.5	98.0	97.2
1993	13421	89.8	98.6	91.8	90.8	102.7	98.2	97.7
1994	17452	90.2	100.5	94.0	92.3	103.5	98.5	98.7
1995	19520	90.6	100.6	95.0	93.4	102.9	99.2	98.4
1996	18180	91.2	100.4	95.6	94.0	102.5	99.1	99.2
1997	18106	91.6	100.4	95.9	94.4	102.3	99.4	98.6
1998	16680	92.3	100.5	96.4	94.8	102.1	99.1	98.5
1999	14517	92.4	100.6	96.4	95.0	101.8	99.0	98.5
2000	10517	93.5	100.3	96.2	95.0	101.8	99.2	98.5
2001	8775	93.8	100.3	96.2	95.2	101.6	99.4	98.1
2002	6112	94.6	101.0	97.1	96.3	101.8	99.1	98.6
2003	6068	95.2	101.6	98.0	97.2	101.6	99.9	98.1
2004	5559	95.3	102.3	98.8	97.8	101.8	100.2	98.1
2005	4374	95.4	101.8	98.5	97.6	101.2	100.2	98.3
2006	3865	95.6	102.0	98.4	97.6	101.1	100.4	98.2
2007	3209	95.9	102.0	98.7	98.1	101.0	100.5	98.0
2008	2881	96.3	101.6	98.6	98.2	100.7	100.6	98.0
2009	2339	97.2	101.6	98.7	98.1	100.9	100.7	98.3
2010	2028	97.6	101.1	98.5	98.1	100.5	100.6	99.1
2011	1825	97.9	101.0	98.7	98.3	100.3	100.4	98.8
2012	1631	97.7	101.1	98.6	98.2	100.6	100.5	99.0
2013	1443	97.9	101.0	98.6	98.3	100.2	100.2	99.4
2014	1131	98.4	101.1	98.8	98.6	100.3	100.2	99.7
2015	564	98.6	101.2	98.7	98.1	100.4	100.3	99.7

Tabel: 131 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	35	92.7	100.1	94.6	89.0
1981	65	92.1	99.4	94.7	88.6
1982	243	92.1	100.4	94.3	88.6
1983	406	92.3	100.8	94.2	88.8
1984	766	92.0	101.2	93.8	88.8
1985	1544	92.9	99.9	94.9	89.8
1986	2416	92.7	100.8	94.4	89.4
1987	3459	93.8	100.7	94.3	90.8
1988	4951	94.3	100.4	94.5	91.3
1989	5444	94.2	100.8	94.7	91.2
1990	8213	94.2	100.7	94.7	91.2
1991	12828	94.3	101.4	94.7	91.3
1992	14958	94.4	101.3	94.8	91.5
1993	13421	94.6	101.5	94.8	91.9
1994	17452	93.3	101.5	93.8	91.4
1995	19520	93.1	101.9	93.7	91.5
1996	18180	94.2	102.4	93.8	92.4
1997	18106	95.0	102.6	94.0	93.0
1998	16680	95.4	103.3	93.9	93.3
1999	14517	95.8	102.8	94.1	93.9
2000	10517	96.7	102.5	95.1	94.7
2001	8775	96.5	102.1	96.0	94.8
2002	6112	96.8	101.6	97.0	95.0
2003	6068	97.5	101.1	97.2	96.2
2004	5559	98.0	101.0	97.2	97.1
2005	4374	98.1	101.1	96.7	97.4

2006	3865	98.7	100.7	97.1	98.1
2007	3209	98.9	100.2	97.5	98.5
2008	2881	98.6	100.2	97.5	98.3
2009	2339	99.0	100.0	98.3	98.7
2010	2028	99.7	99.8	98.8	99.3
2011	1825	100.7	99.8	99.4	100.4
2012	1631	100.8	100.0	99.2	100.7
2013	1443	101.0	100.0	99.4	100.7
2014	1131	101.2	99.8	99.5	100.9
2015	564	101.4	99.5	99.9	101.1

Tabel: 132 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	35	93.9	89.5	101.2	95.6	89.5	91.0	90.3
1981	65	93.9	89.0	100.4	95.7	90.0	92.3	91.2
1982	243	92.7	88.9	101.1	94.6	88.9	91.2	90.5
1983	406	92.7	88.8	101.6	94.3	89.1	91.6	90.7
1984	766	92.8	89.1	101.9	94.2	89.9	92.6	91.6
1985	1544	93.7	89.8	101.8	94.6	90.3	93.4	92.2
1986	2416	94.0	89.8	101.8	94.5	90.3	92.8	91.9
1987	3459	93.5	90.2	102.3	94.0	89.9	92.4	91.9
1988	4951	93.4	90.4	103.0	93.9	90.0	92.2	91.7
1989	5444	93.4	90.6	102.7	93.8	90.1	92.0	91.6
1990	8213	93.2	90.5	103.1	93.9	89.9	92.4	91.8
1991	12828	94.1	90.5	102.4	94.5	90.2	91.7	91.7
1992	14958	94.0	90.8	102.2	94.7	90.2	91.9	92.0
1993	13421	94.1	91.3	101.7	94.6	90.0	92.0	92.0
1994	17452	94.0	92.5	101.6	93.5	89.3	93.1	93.3
1995	19520	94.6	92.8	101.1	93.2	89.6	93.3	93.4
1996	18180	94.4	93.2	101.2	93.2	89.9	93.6	93.8
1997	18106	94.5	93.3	101.2	93.4	90.7	93.8	93.6
1998	16680	94.2	93.5	101.3	93.4	91.1	94.3	94.1
1999	14517	94.8	94.4	101.0	93.8	92.4	95.2	95.1
2000	10517	95.8	95.0	101.4	95.2	93.3	96.0	96.1
2001	8775	96.1	94.7	101.1	95.4	93.6	95.4	95.4
2002	6112	96.4	94.9	100.7	95.4	93.6	95.8	95.6
2003	6068	97.0	95.9	100.3	96.0	94.3	95.9	95.9
2004	5559	97.1	96.6	100.5	95.6	94.6	96.5	96.6
2005	4374	97.1	96.7	100.9	95.8	95.2	96.7	97.0
2006	3865	97.6	97.1	100.8	96.2	95.4	96.7	97.0
2007	3209	97.8	97.5	100.5	96.5	95.9	97.1	97.4
2008	2881	97.9	97.8	100.2	96.8	96.3	97.4	97.8
2009	2339	98.3	97.8	100.1	97.8	96.5	97.7	98.1
2010	2028	98.6	98.1	100.3	98.3	97.1	98.1	98.7
2011	1825	99.0	98.6	100.2	98.6	97.6	98.7	99.4
2012	1631	99.3	98.6	100.7	98.8	98.1	98.9	99.6
2013	1443	99.7	98.7	100.7	99.1	98.1	99.1	99.8
2014	1131	100.2	98.9	101.4	99.9	98.7	99.3	100.0
2015	564	100.4	99.1	101.2	100.1	98.9	99.8	100.4

Tabel: 133 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
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1980	35	92.0	92.5	90.7	88.5	0.0	85.5
1981	65	91.7	92.0	91.3	87.8	0.0	85.2
1982	243	92.7	92.7	89.7	88.0	0.0	84.9
1983	406	92.9	93.1	89.7	88.2	0.0	85.1
1984	766	92.4	92.6	90.2	87.9	0.0	85.0
1985	1544	91.5	92.1	91.1	88.7	0.0	85.6
1986	2416	91.5	92.5	91.0	88.5	0.0	85.4
1987	3459	92.6	93.0	90.4	90.0	0.0	86.3
1988	4951	92.6	92.9	90.3	90.5	0.0	86.6
1989	5444	92.8	93.1	90.3	90.4	0.0	86.6
1990	8213	93.4	93.4	90.3	90.4	0.0	86.8
1991	12828	93.7	93.6	90.8	90.6	0.0	87.3
1992	14958	93.9	93.8	90.9	90.8	0.0	87.6
1993	13421	94.5	94.2	91.0	91.2	0.0	88.0
1994	17452	96.6	96.5	90.4	90.4	0.0	88.3
1995	19520	97.2	97.1	90.7	90.4	0.0	88.7
1996	18180	97.7	97.7	90.8	91.4	0.0	89.5
1997	18106	97.6	97.7	91.3	92.0	0.0	90.1
1998	16680	97.6	97.9	91.3	92.3	0.0	90.3
1999	14517	97.6	97.9	92.3	93.0	0.0	91.2
2000	10517	97.5	97.8	93.6	94.0	0.0	92.4
2001	8775	97.4	97.8	93.8	94.2	0.0	92.5
2002	6112	98.0	98.7	94.1	94.6	0.1	93.2
2003	6068	98.6	99.1	94.8	95.7	0.0	94.4
2004	5559	99.3	99.6	94.9	96.4	0.0	95.1
2005	4374	99.2	99.2	95.1	96.7	0.0	95.3
2006	3865	99.2	99.1	95.5	97.3	0.0	95.8
2007	3209	99.2	99.3	96.0	97.8	0.1	96.4
2008	2881	99.2	99.2	96.2	97.5	0.1	96.4
2009	2339	99.4	99.4	96.9	98.0	0.1	97.0
2010	2028	99.5	99.3	97.4	98.7	0.1	97.7
2011	1825	99.3	99.3	97.8	99.9	0.9	98.5
2012	1631	99.5	99.5	98.2	100.2	2.4	98.9
2013	1443	99.5	99.4	98.4	100.2	1.0	99.1
2014	1131	99.7	99.7	99.2	100.5	0.4	99.7
2015	564	99.9	99.5	99.4	100.7	0.2	99.9

Tabel: 134 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	48	102.0	106.5	107.6	106.6	103.3	101.6	91.1	107.4
1981	96	102.2	106.8	108.1	107.1	103.7	101.0	89.5	107.8
1982	368	102.0	106.7	107.8	106.9	103.4	100.7	89.8	107.6
1983	673	101.8	106.6	107.6	106.7	103.2	100.7	89.9	107.4
1984	1267	102.0	106.5	107.6	106.7	103.4	100.8	89.4	107.4
1985	2794	102.6	106.5	108.1	107.2	104.0	101.0	88.0	107.9
1986	4686	102.6	106.1	107.7	106.7	103.6	101.1	88.4	107.5
1987	6867	103.4	106.2	108.2	107.1	104.2	101.2	88.3	107.9
1988	10171	103.7	105.9	108.0	106.8	104.1	101.2	88.1	107.7
1989	12112	103.3	105.6	107.5	106.3	103.6	101.0	88.2	107.1
1990	17255	103.5	105.6	107.5	106.3	103.7	101.3	88.2	107.1
1991	25483	103.6	104.7	107.0	105.5	103.5	101.1	89.6	106.5
1992	28973	103.5	104.6	106.8	105.4	103.4	100.9	89.7	106.3
1993	27712	103.6	104.7	106.9	105.6	103.6	101.0	90.0	106.5
1994	36482	102.8	104.3	105.9	104.9	102.8	100.8	90.6	105.6
1995	40361	102.3	104.0	105.3	104.2	102.2	100.3	90.8	105.0
1996	38293	101.9	103.3	104.6	103.4	101.6	100.1	91.2	104.2
1997	37284	101.5	102.9	104.0	102.7	101.1	100.2	91.8	103.6
1998	35763	101.5	103.0	104.0	102.8	101.3	100.4	92.3	103.6

1999	30619	101.1	102.5	103.3	102.2	100.7	100.1	92.5	103.0
2000	22333	101.3	101.9	103.1	101.9	100.8	100.1	93.0	102.7
2001	19161	101.0	102.1	103.1	102.1	100.9	99.8	93.3	102.7
2002	13968	100.3	102.3	102.7	101.8	100.5	99.6	94.4	102.4
2003	13817	99.2	102.1	101.8	101.1	99.7	99.5	95.9	101.5
2004	12442	98.8	102.1	101.3	100.7	99.3	99.3	96.3	101.1
2005	9776	99.0	102.1	101.4	100.9	99.7	99.4	95.9	101.2
2006	9019	98.9	101.8	101.2	100.7	99.6	99.5	96.4	101.0
2007	8103	98.6	102.0	100.9	100.6	99.5	99.4	97.2	100.8
2008	7664	99.0	101.7	101.1	100.6	99.8	99.6	97.4	100.9
2009	6390	99.1	101.9	101.3	100.9	100.1	99.6	97.9	101.1
2010	5388	99.7	101.4	101.3	100.7	100.3	99.5	97.8	101.1
2011	5021	99.5	101.4	101.0	100.7	100.2	99.4	98.5	100.9
2012	4908	99.3	101.3	100.9	100.6	100.1	99.6	98.1	100.8
2013	4540	99.4	101.3	100.7	100.7	100.2	99.6	98.2	100.8
2014	3901	99.7	101.6	101.3	101.3	100.3	99.5	98.3	101.4
2015	2891	99.5	102.3	102.2	102.1	100.5	99.3	98.5	102.3
2016	219	99.5	102.6	102.3	102.3	100.6	99.3	98.8	102.4

Tabel: 135 MRIJ - Holstein Friesian roodbont: Gebruikskennmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	26	100.8	100.0	99.0	101.2	103.1
1981	35	100.5	96.8	98.9	101.6	103.2
1982	131	100.9	97.5	98.5	100.8	102.3
1983	216	100.8	97.5	98.8	100.9	102.7
1984	377	100.2	97.2	98.6	100.9	102.7
1985	781	100.1	97.3	98.5	100.8	102.7
1986	1285	100.0	98.1	98.2	100.4	102.4
1987	1923	99.9	98.3	98.1	100.2	102.3
1988	2888	99.5	98.5	98.3	100.2	102.5
1989	3319	99.7	98.8	98.1	99.9	102.2
1990	5420	99.9	98.7	97.9	99.4	101.8
1991	10645	101.0	99.5	98.4	100.0	101.7
1992	14913	101.0	99.6	98.5	100.1	101.7
1993	13301	101.3	99.8	98.9	100.6	102.2
1994	17132	101.4	99.1	98.6	99.8	101.7
1995	18987	101.6	99.2	98.3	99.0	101.5
1996	17602	101.6	99.2	98.2	98.8	101.1
1997	17407	101.4	99.6	98.2	98.7	100.7
1998	15907	101.3	98.9	98.5	99.1	100.5
1999	13760	101.1	99.1	98.4	98.8	100.0
2000	10030	100.9	98.6	98.7	99.2	100.3
2001	8374	101.0	98.8	98.6	98.9	99.8
2002	5880	100.9	98.7	98.4	98.4	99.6
2003	5776	101.2	99.4	98.6	98.5	99.5
2004	5321	101.1	99.3	98.8	98.4	99.2
2005	4128	101.2	99.3	99.2	98.9	99.3
2006	3568	101.4	99.9	99.4	99.1	99.5
2007	2952	101.3	99.9	99.7	99.2	99.6
2008	2631	101.4	99.9	99.6	98.9	99.3
2009	2092	100.8	99.9	100.0	99.4	99.9
2010	1839	100.7	100.0	100.1	99.4	99.7
2011	1622	100.9	100.2	100.6	99.8	99.7
2012	1425	100.7	100.1	101.1	100.3	99.9
2013	1208	101.2	100.2	101.1	100.2	100.0
2014	885	101.2	100.9	101.5	100.6	100.3
2015	423	101.2	100.1	101.8	100.8	100.3

Tabel: 136 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	35	-211.3	-478.3	-156.0	102.7	107.4	90.7	88.5	96.9
1981	60	-216.1	-502.2	-139.8	102.9	107.8	91.3	87.8	97.3
1982	205	-217.7	-478.2	-186.5	101.9	107.6	89.7	88.0	97.3
1983	374	-216.9	-473.0	-220.4	102.2	107.4	89.7	88.2	97.3
1984	779	-217.4	-459.6	-300.1	102.2	107.4	90.2	87.9	97.4
1985	1932	-188.0	-466.4	-357.2	102.2	107.9	91.1	88.7	98.3
1986	3397	-203.7	-470.4	-424.2	101.7	107.5	91.0	88.5	97.9
1987	5176	-212.0	-479.3	-493.5	101.5	107.9	90.4	90.0	97.8
1988	8781	-211.7	-473.8	-524.4	101.7	107.7	90.3	90.5	97.8
1989	10702	-210.4	-459.8	-517.0	101.4	107.1	90.3	90.4	97.7
1990	15355	-215.1	-456.3	-526.4	100.9	107.1	90.3	90.4	97.4
1991	21979	-208.0	-425.3	-509.0	101.1	106.5	90.8	90.6	97.3
1992	24772	-204.4	-418.8	-479.8	101.1	106.3	90.9	90.8	97.1
1993	24169	-193.6	-408.7	-449.6	101.7	106.5	91.0	91.2	97.8
1994	31032	-187.3	-350.7	-464.2	101.0	105.6	90.4	90.4	98.0
1995	34653	-186.3	-334.3	-446.1	100.5	105.0	90.7	90.4	98.1
1996	32634	-178.5	-310.5	-415.4	100.1	104.2	90.8	91.4	98.3
1997	31728	-171.8	-288.5	-393.3	99.8	103.6	91.3	92.0	98.5
1998	30015	-164.7	-272.3	-404.2	99.9	103.6	91.3	92.3	98.5
1999	26191	-154.2	-252.3	-373.1	99.4	103.0	92.3	93.0	99.0
2000	19728	-136.5	-234.2	-306.9	99.8	102.7	93.6	94.0	99.2
2001	16937	-119.6	-205.5	-244.0	99.3	102.7	93.8	94.2	99.3
2002	12005	-115.9	-186.8	-239.2	99.0	102.4	94.1	94.6	98.8
2003	11784	-98.7	-147.8	-195.2	99.0	101.5	94.8	95.7	97.9
2004	10650	-84.5	-111.4	-184.9	98.7	101.1	94.9	96.4	97.5
2005	8566	-67.2	-92.4	-149.1	99.0	101.2	95.1	96.7	97.9
2006	7965	-54.8	-79.0	-101.8	99.3	101.0	95.5	97.3	98.0
2007	6891	-41.9	-60.2	-71.3	99.3	100.8	96.0	97.8	97.8
2008	6352	-35.1	-48.3	-50.5	99.1	100.9	96.2	97.5	98.5
2009	5330	-28.5	-53.1	-15.8	99.6	101.1	96.9	98.0	98.5
2010	4549	-16.9	-35.3	-3.4	99.5	101.1	97.4	98.7	99.2
2011	4199	-4.4	-21.3	17.1	99.7	100.9	97.8	99.9	99.2
2012	4076	6.1	-10.6	34.8	100.1	100.8	98.2	100.2	99.8
2013	3781	14.6	0.1	56.0	100.1	100.8	98.4	100.2	100.0
2014	3249	28.9	9.2	80.1	100.5	101.4	99.2	100.5	100.8
2015	2046	38.7	8.7	104.3	100.6	102.3	99.4	100.7	101.2
2016	46	52.0	18.6	131.6	101.0	102.4	99.9	100.5	101.0

Tabel: 137 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1983	11	94.9	96.3	98.2	96.8	95.2	97.5	95.5
1984	28	94.0	93.5	99.1	97.2	92.6	97.7	95.4
1985	25	97.1	96.7	100.0	98.4	97.3	100.0	96.0
1986	31	95.7	96.3	98.8	97.5	96.1	98.3	96.3
1987	132	95.3	95.6	99.0	97.4	95.9	96.4	96.1
1988	250	95.9	95.8	99.4	98.1	96.2	96.9	96.0
1989	324	96.5	96.3	99.9	98.2	96.8	97.0	96.1
1990	460	96.7	96.4	100.2	98.3	97.1	97.4	96.0
1991	2051	94.6	96.0	97.6	95.9	97.4	96.5	97.4
1992	2285	94.6	96.0	97.6	95.7	97.5	96.6	97.4

1993	2308	94.7	96.2	97.7	96.0	96.6	96.9	97.0
1994	5328	96.4	97.8	99.7	96.1	97.7	98.8	96.6
1995	10475	97.1	98.8	99.9	96.2	98.1	99.8	96.3
1996	7910	96.6	97.7	99.9	96.7	97.0	99.6	96.2
1997	11854	96.1	96.7	99.5	97.2	96.2	98.2	96.1
1998	12169	96.3	96.6	99.7	97.9	96.0	98.1	95.9
1999	10571	96.9	97.3	100.1	97.8	96.3	98.5	96.2
2000	8159	96.9	97.9	99.6	97.6	96.8	98.6	96.5
2001	7284	97.2	98.5	99.6	97.4	97.6	99.0	96.5
2002	5169	97.4	98.6	99.6	97.9	97.6	99.3	95.6
2003	5525	98.2	99.3	99.7	98.8	98.3	98.5	97.0
2004	5302	99.2	100.0	100.3	99.5	99.0	98.4	97.6
2005	4037	99.8	100.4	100.7	99.8	99.3	98.8	98.2
2006	3572	100.1	100.7	100.6	100.0	99.7	99.1	98.8
2007	2958	100.4	101.2	100.5	100.1	100.2	98.9	99.3
2008	2647	100.6	101.2	100.6	100.2	100.4	99.2	99.4
2009	2128	100.4	101.2	100.2	100.1	100.6	99.2	99.7
2010	1816	100.4	101.0	100.1	100.3	100.6	99.6	99.2
2011	1613	100.7	101.5	100.0	100.4	101.1	99.5	99.4
2012	1453	101.2	102.0	100.3	100.6	101.6	99.8	99.6
2013	1266	101.4	102.4	100.1	100.4	102.2	100.5	99.8
2014	982	101.6	102.3	100.5	100.7	102.0	101.2	99.8
2015	452	101.8	102.1	100.7	101.0	102.1	101.5	99.8

Tabel: 138 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	27	94.4	99.9	94.4	99.9	96.3	98.7
1981	48	95.2	99.7	95.2	99.7	97.1	98.9
1982	161	95.1	99.8	95.1	99.8	97.0	98.9
1983	292	95.1	99.9	95.1	99.9	96.9	98.8
1984	559	95.4	99.7	95.4	99.7	97.2	98.8
1985	1343	96.2	100.0	96.2	100.0	98.0	99.5
1986	2260	96.1	99.7	96.1	99.7	97.8	99.0
1987	3419	96.0	99.7	96.0	99.7	97.8	99.3
1988	5425	96.0	99.7	96.0	99.7	97.8	99.2
1989	6904	95.9	99.8	95.9	99.8	97.7	99.1
1990	11726	95.7	99.6	95.7	99.6	97.5	98.8
1991	20837	95.8	99.7	95.8	99.7	98.0	98.5
1992	24961	95.5	99.8	95.5	99.8	97.7	98.5
1993	28021	96.0	100.1	96.0	100.1	98.3	98.9
1994	38780	96.1	100.3	96.1	100.3	98.7	98.8
1995	47175	96.4	100.3	96.4	100.3	98.8	98.8
1996	47569	96.6	100.4	96.6	100.4	98.7	99.2
1997	48356	96.8	100.5	96.8	100.5	98.8	99.2
1998	46667	96.7	100.6	96.7	100.6	98.6	99.1
1999	41250	97.2	100.8	97.2	100.8	98.9	99.4
2000	30568	97.4	100.9	97.4	100.9	98.6	99.9
2001	23635	97.6	100.9	97.6	100.9	98.8	100.3
2002	17763	97.5	100.5	97.5	100.5	98.5	100.0
2003	16774	97.6	99.4	97.6	99.4	98.6	99.4
2004	14993	97.6	98.9	97.6	98.9	98.9	98.9
2005	11328	97.8	99.1	97.8	99.1	99.3	99.2
2006	10047	98.1	99.1	98.1	99.1	99.5	99.2
2007	8449	98.2	98.7	98.2	98.7	99.6	99.2
2008	7863	98.7	99.1	98.7	99.1	99.9	99.4
2009	6839	98.7	99.1	98.7	99.1	100.2	99.4
2010	5823	99.0	99.7	99.0	99.7	100.6	99.8
2011	5171	99.3	99.6	99.3	99.6	100.9	99.9

2012	4909	99.8	99.9	99.8	99.9	101.4	100.3
2013	4440	100.0	100.0	100.0	100.0	101.8	100.4
2014	3880	100.2	100.7	100.2	100.7	102.0	100.7
2015	3000	100.0	101.0	100.0	101.0	101.9	100.7
2016	2341	99.7	101.2	99.7	101.2	101.9	100.7
2017	2055	99.8	101.6	99.8	101.6	102.2	100.9
2018	203	99.9	102.0	99.9	102.0	102.2	101.1

Tabel: 139 MRIJ - Holstein Friesian roodbont: Geboortekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	25	98.1	104.4	101.8	99.7	99.0	100.6
1981	35	99.4	103.6	100.7	94.2	92.9	94.9
1982	150	99.1	103.8	100.9	96.8	95.5	98.3
1983	278	98.4	103.8	101.6	98.3	96.9	99.5
1984	503	99.6	103.2	100.4	98.1	96.4	99.3
1985	1035	101.9	102.0	98.0	98.2	96.1	98.6
1986	1721	101.3	102.2	98.7	99.1	96.7	99.1
1987	2634	100.2	102.6	99.9	99.0	97.2	100.5
1988	3875	100.1	102.5	100.0	98.6	97.0	100.7
1989	4489	99.7	102.9	100.4	98.3	96.9	100.1
1990	7132	99.5	103.0	100.5	98.4	97.8	101.3
1991	11514	98.6	102.7	101.3	98.2	98.6	101.0
1992	13432	98.3	102.7	101.7	98.4	98.6	100.5
1993	12360	98.6	102.2	101.4	99.2	98.2	99.7
1994	17343	97.9	102.7	102.1	99.7	97.7	100.3
1995	19217	97.9	102.8	102.1	99.7	98.0	100.2
1996	19672	98.1	103.0	102.0	99.7	98.1	100.0
1997	19188	98.4	102.9	101.7	99.3	98.7	100.1
1998	18069	98.2	102.9	101.8	99.3	98.9	100.4
1999	17178	98.7	102.0	101.4	99.4	98.9	99.9
2000	12465	98.5	101.6	101.5	100.1	98.3	99.3
2001	10349	98.2	101.2	101.7	100.3	97.7	99.5
2002	7209	97.7	102.2	102.2	99.3	98.4	100.3
2003	7256	98.1	102.6	101.9	98.7	100.1	100.6
2004	6568	98.4	102.6	101.6	98.6	101.2	101.0
2005	5693	98.7	102.3	101.2	98.8	100.9	100.9
2006	5316	99.1	101.8	100.9	98.6	101.0	101.2
2007	5454	99.3	102.0	100.8	98.0	101.7	102.0
2008	5029	99.7	101.6	100.4	98.6	101.1	101.7
2009	4537	99.5	101.6	100.5	99.1	101.0	101.2
2010	3710	99.5	101.1	100.7	99.2	100.3	101.0
2011	3292	99.1	101.1	101.0	99.2	99.8	100.6
2012	2920	99.3	101.0	101.0	99.5	99.4	100.9
2013	2481	99.5	100.8	100.7	99.6	99.4	100.7
2014	2041	99.9	100.4	100.2	100.5	99.0	100.4
2015	1477	100.1	100.0	100.0	100.6	99.0	100.8
2016	1059	100.2	99.8	100.0	100.7	99.4	101.0
2017	1012	100.3	99.8	99.9	100.4	99.3	100.6
2018	131	100.5	99.3	99.7	100.5	99.2	99.8

Tabel: 140 MRIJ - Holstein Friesian roodbont: Vleeskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
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1985	15	104.2	109.5	96.9	100.0	108.3	96.6	104.2	96.5	108.3	97.4	101.9
1986	28	105.6	109.8	96.1	100.6	109.4	96.2	105.1	97.9	108.7	97.6	103.1
1987	25	106.1	110.7	95.7	101.1	110.4	95.7	105.6	97.0	110.1	96.9	104.3
1988	52	107.0	111.7	95.8	101.8	111.4	95.8	106.2	97.6	110.5	97.2	104.7
1989	68	106.1	110.8	96.2	101.0	110.4	96.1	105.4	97.4	109.8	97.1	103.8
1990	114	106.3	110.7	96.4	101.5	110.2	96.2	105.3	97.9	109.8	97.2	104.4
1991	177	106.1	109.7	96.2	101.0	109.7	96.1	105.4	97.9	109.3	97.0	103.8
1992	250	106.4	110.4	96.4	101.2	110.2	96.3	105.5	97.9	109.9	97.3	104.2
1993	269	106.0	110.3	96.7	101.3	109.8	96.7	105.0	98.2	109.5	97.6	104.2
1994	325	106.3	111.1	96.9	102.3	109.6	97.3	105.0	98.5	109.8	97.8	105.9
1995	390	106.4	110.5	97.3	102.3	109.0	97.6	105.1	99.1	109.0	98.1	106.1
1996	492	105.6	109.7	97.7	101.9	108.2	98.1	104.4	98.7	108.8	98.1	106.0
1997	422	104.6	108.8	97.8	101.4	107.1	98.2	103.5	98.9	108.0	98.2	104.6
1998	394	104.3	107.6	97.9	101.2	106.7	98.0	103.4	98.6	107.3	97.4	104.7
1999	384	104.3	107.8	97.6	101.3	106.6	97.7	103.2	99.0	107.2	97.5	104.4
2000	300	104.3	106.6	98.0	101.2	106.1	97.9	103.1	99.7	106.6	97.9	104.0
2001	193	103.9	106.1	98.6	100.8	105.6	98.4	102.5	100.4	106.0	98.4	103.6
2002	173	103.9	105.9	99.5	100.8	105.7	98.7	102.6	99.9	105.8	99.0	103.3
2003	166	103.8	105.4	99.6	100.8	105.1	98.9	102.3	100.8	105.4	98.8	103.6
2004	154	103.7	106.0	98.6	101.4	104.8	98.5	102.1	100.9	105.9	98.2	103.8
2005	118	103.8	105.2	99.1	101.1	104.6	98.3	102.3	100.7	105.8	98.2	104.3
2006	96	102.4	104.5	99.3	100.5	103.7	99.1	101.1	100.4	104.7	100.1	101.4
2007	87	102.9	104.5	99.2	100.5	103.7	98.8	101.7	100.4	104.5	98.7	102.2
2008	59	102.5	103.6	99.4	99.9	103.3	98.5	101.3	100.5	103.7	98.6	101.9
2009	51	102.2	104.0	99.1	100.0	103.9	99.0	101.3	99.4	105.5	99.3	101.8
2010	29	102.4	103.0	99.2	99.8	103.3	98.2	101.6	99.7	105.6	98.9	101.3
2011	23	101.0	102.5	100.2	99.4	102.3	100.2	100.0	100.0	103.1	100.4	100.5

Tabel: 141 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	27	98.1	99.5	99.4
1981	49	98.6	99.6	99.9
1982	166	98.3	99.1	99.9
1983	292	98.1	99.2	99.6
1984	560	98.5	99.3	100.0
1985	1340	98.8	99.5	100.4
1986	2268	98.4	99.2	100.4
1987	3466	98.5	99.2	100.3
1988	5502	98.4	99.2	100.2
1989	7026	98.2	99.0	100.1
1990	11935	97.9	98.9	100.0
1991	20549	97.7	98.7	100.1
1992	24210	97.2	98.5	100.0
1993	29120	97.0	98.5	99.9
1994	45357	97.6	99.1	100.0
1995	51718	98.0	99.4	100.1
1996	52944	97.9	99.5	99.4
1997	54037	97.9	99.3	99.3
1998	52870	97.7	99.1	99.5
1999	46998	98.1	99.5	99.8
2000	35094	97.9	99.4	99.9
2001	26974	98.3	99.3	100.2
2002	20683	98.5	99.5	100.1
2003	19474	99.1	99.9	100.0
2004	17356	99.6	100.3	100.1
2005	13104	100.0	100.5	100.6
2006	11512	100.2	100.6	100.6
2007	9699	100.5	100.7	100.5

2008	9241	100.0	100.3	100.6
2009	8185	100.0	100.1	100.6
2010	7025	99.6	99.7	100.2
2011	6278	99.9	100.2	100.1
2012	6072	100.1	100.3	100.1
2013	5469	100.5	100.6	99.6
2014	4999	100.0	100.1	99.9
2015	4510	99.7	99.8	100.0
2016	4438	99.7	100.0	100.1
2017	3575	100.4	100.7	100.4
2018	269	100.3	100.6	100.2

Tabel: 142 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	16983	-2278.4	-9667.2	-371.5	-333.0
2002	12068	-2198.3	-9301.6	-356.6	-322.3
2003	11834	-1823.1	-8070.6	-286.2	-271.2
2004	10716	-1644.6	-7490.1	-252.3	-246.9
2005	8618	-1366.8	-6386.2	-207.1	-206.0
2006	8029	-1040.2	-5037.9	-153.9	-158.1
2007	6955	-788.4	-4126.5	-109.1	-122.6
2008	6443	-619.3	-3375.2	-84.9	-96.3
2009	5413	-429.4	-2520.9	-56.1	-67.6
2010	4653	-277.8	-1872.9	-34.2	-44.0
2011	4289	-99.3	-1139.7	-3.8	-18.5
2012	4159	54.3	-520.2	21.7	3.9
2013	3876	237.8	201.9	52.5	30.4
2014	3339	427.2	1034.9	80.3	59.5
2015	2108	579.2	1530.2	104.4	82.6
2016	54	844.4	2615.6	152.9	118.9

Tabel: 143 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1982	24	101.2	96.8	101.8
1983	35	101.6	96.5	101.7
1984	60	100.0	96.6	101.6
1985	113	99.7	98.0	101.1
1986	161	99.5	98.1	101.2
1987	242	100.1	97.2	101.2
1988	365	100.1	96.7	101.2
1989	367	100.2	96.4	101.3
1990	444	100.0	95.9	101.2
1991	1035	100.7	96.7	101.5
1992	1273	100.8	96.3	101.5
1993	1221	101.3	96.0	101.5
1994	1812	101.3	93.6	102.4
1995	2148	101.3	93.7	102.2
1996	2050	101.8	94.0	102.2
1997	2338	101.4	95.0	102.2
1998	2245	101.4	94.8	101.9
1999	2120	101.0	95.3	101.9
2000	1684	100.9	95.9	101.4

2001	1577	101.0	96.3	101.0
2002	1252	100.9	96.9	101.0
2003	1354	100.7	98.0	101.0
2004	1368	100.8	98.5	101.2
2005	1139	101.3	98.6	101.0
2006	1175	101.0	99.1	101.1
2007	1050	101.0	99.6	100.6
2008	1000	101.0	99.8	100.7
2009	1043	100.3	100.0	100.4
2010	1043	100.2	100.1	100.6
2011	974	100.4	101.3	99.8
2012	947	100.3	102.4	99.8
2013	924	100.8	103.5	99.6
2014	726	101.0	104.6	99.1
2015	481	101.1	104.6	99.2
2016	29	101.5	103.6	98.7

Tabel: 144 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	35	97.2	98.3	0	0.0	0	0.0
1981	60	96.2	98.1	0	0.0	0	0.0
1982	205	96.8	98.1	1	-5.7	0	0.0
1983	374	96.9	98.2	2	-4.5	0	0.0
1984	779	96.5	98.0	2	-3.8	0	0.0
1985	1932	96.2	98.0	1544	-4.9	0	0.0
1986	3397	95.9	97.7	2416	-4.8	0	0.0
1987	5176	95.5	97.7	3460	-4.6	0	0.0
1988	8781	96.1	97.8	4952	-4.3	0	0.0
1989	10702	96.4	98.0	5444	-4.1	0	0.0
1990	15355	96.4	97.6	8214	-4.0	0	0.0
1991	21979	96.2	97.5	12830	-3.8	0	0.0
1992	24772	96.5	97.7	14962	-3.7	0	0.0
1993	24169	96.3	97.7	13422	-3.6	0	0.0
1994	31032	96.3	98.0	17453	-2.8	0	0.0
1995	34653	96.2	97.8	19521	-2.7	0	0.0
1996	32634	96.4	97.7	18183	-2.5	0	0.0
1997	31728	96.8	97.4	18107	-2.3	0	0.0
1998	30015	96.7	97.5	16681	-2.2	0	0.0
1999	26191	96.7	97.4	14520	-2.0	0	0.0
2000	19728	97.2	97.8	10520	-1.9	0	0.0
2001	16937	98.0	97.9	8778	-1.7	8775	97.5
2002	12005	97.9	97.6	6114	-1.4	6112	98.5
2003	11784	98.3	98.4	6068	-1.1	6068	99.0
2004	10650	98.5	98.7	5561	-0.7	5559	99.6
2005	8566	98.8	98.8	4377	-0.7	4374	99.1
2006	7965	99.5	99.4	3873	-0.6	3865	99.2
2007	6890	99.9	99.7	3215	-0.4	3209	99.3
2008	6352	99.8	99.4	2886	-0.4	2881	99.1
2009	5330	99.6	99.7	2347	-0.4	2339	99.6
2010	4549	99.7	99.3	2036	-0.3	2028	99.4
2011	4199	100.0	99.2	1836	-0.2	1825	99.3
2012	4076	100.3	99.4	1649	-0.1	1631	99.5
2013	3781	100.4	99.3	1455	-0.0	1443	99.4
2014	3249	101.1	98.6	1147	0.2	1131	99.7
2015	2046	101.1	98.1	592	0.0	564	99.9
2016	46	101.4	98.4	73	-0.0	8	99.0
2017	0	0.0	0.0	64	0.2	0	0.0

Tabel: 145 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	629	-803.6	-35.6	-43.5	-46.3	0.8	-24.6	-16.7	-267.1
1981	816	-804.4	-32.1	-43.6	-46.3	7.2	-24.7	-16.7	-259.9
1982	4021	-798.4	-34.2	-43.3	-46.1	2.8	-24.7	-16.7	-263.5
1983	7302	-781.7	-32.5	-41.8	-45.3	4.7	-22.9	-16.6	-253.3
1984	7648	-784.4	-31.7	-41.3	-45.4	6.6	-21.6	-16.7	-249.6
1985	11018	-887.6	-30.2	-42.8	-50.1	18.1	-17.6	-16.9	-253.7
1986	21913	-849.0	-30.3	-41.0	-48.3	14.8	-16.7	-16.8	-246.1
1987	31636	-875.9	-32.8	-41.2	-49.6	12.4	-15.4	-16.9	-253.0
1988	33615	-910.5	-33.3	-41.6	-51.2	14.6	-13.7	-17.0	-255.9
1989	49597	-796.6	-31.3	-36.6	-46.0	8.7	-12.2	-16.7	-229.7
1990	50039	-749.5	-30.1	-35.2	-43.8	6.9	-12.7	-16.6	-220.6
1991	40904	-702.6	-26.9	-33.2	-41.7	8.7	-12.2	-16.5	-205.2
1992	35285	-662.1	-24.7	-31.6	-39.8	9.3	-12.0	-16.4	-193.6
1993	37952	-549.2	-20.9	-27.2	-34.7	7.1	-11.3	-16.2	-165.7
1994	32523	-409.6	-13.7	-22.1	-28.4	8.4	-11.1	-15.9	-127.7
1995	29774	-292.4	-8.2	-18.6	-23.1	9.0	-12.1	-15.7	-100.1
1996	22752	-201.8	-5.4	-15.7	-18.9	6.9	-12.7	-15.5	-81.2
1997	15875	-112.7	-0.4	-11.4	-14.9	8.4	-10.9	-15.4	-51.6
1998	9920	-107.8	0.3	-10.7	-14.7	9.2	-10.0	-15.4	-47.2
1999	6767	-61.6	3.7	-8.8	-12.5	11.1	-9.6	-15.3	-31.3
2000	4770	-4.7	3.1	-7.3	-9.6	6.2	-10.4	-14.5	-25.3
2001	4129	108.9	4.9	-3.7	-0.8	1.3	-11.1	-8.5	-4.4
2002	2910	160.7	8.8	-0.8	2.3	3.8	-9.5	-7.2	16.7
2003	2680	221.7	11.1	2.0	4.2	2.8	-8.7	-8.8	33.4
2004	2382	274.2	14.8	4.6	6.7	4.9	-7.6	-8.7	52.5
2005	2059	293.1	14.0	5.6	7.5	2.3	-7.2	-8.8	55.3
2006	2242	452.8	19.2	11.8	14.5	-0.4	-6.5	-9.3	94.0
2007	2271	443.4	20.8	11.9	13.8	2.4	-5.8	-10.0	97.9
2008	2368	502.3	23.7	14.2	16.3	2.7	-5.7	-10.3	113.7
2009	1882	525.8	24.3	15.6	16.9	2.0	-5.0	-10.7	121.1
2010	1782	592.0	25.7	17.3	19.8	-0.1	-5.8	-10.8	132.2
2011	1717	661.4	29.5	20.3	22.8	1.0	-5.1	-10.9	153.4
2012	1810	705.8	32.3	22.1	24.7	2.3	-4.9	-11.0	167.1
2013	2037	713.3	32.2	23.6	26.5	1.6	-3.1	-10.3	173.7
2014	1781	816.0	35.7	26.7	30.2	-0.0	-4.1	-11.0	194.7
2015	1630	855.9	38.5	27.3	30.9	1.4	-5.4	-12.5	203.7
2016	42	975.0	44.7	31.0	36.0	2.5	-6.2	-13.3	233.8

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 146 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	707	95.0	90.5	95.7	101.5	93.2	92.8	95.0
1981	1144	94.0	90.2	94.6	100.2	93.2	93.4	94.5
1982	4613	95.3	91.4	95.8	101.4	94.3	93.5	95.3
1983	8131	95.0	91.9	96.0	101.3	94.7	93.3	95.2
1984	7140	94.6	92.3	95.7	100.8	95.0	93.9	95.4
1985	8758	94.0	91.9	95.3	100.2	95.1	93.6	94.1
1986	15639	94.2	92.0	95.7	100.9	94.8	92.9	94.3
1987	21153	94.9	92.9	96.2	100.7	95.3	93.2	95.6
1988	18819	94.9	93.2	96.2	100.5	95.8	93.8	95.9

1989	26628	95.5	94.7	96.5	100.8	96.1	94.9	96.6
1990	26644	95.6	94.7	96.3	100.7	96.1	94.8	96.7
1991	21903	96.5	94.1	97.0	101.5	95.6	94.3	96.8
1992	19010	96.9	94.0	97.4	102.0	95.7	94.0	96.9
1993	19827	97.6	94.4	97.8	102.5	95.3	94.3	97.6
1994	16274	98.0	95.1	99.0	103.5	95.2	93.8	98.0
1995	14775	98.4	95.0	100.2	105.0	94.4	94.4	97.3
1996	10875	99.4	94.7	100.8	105.7	94.4	94.5	97.7
1997	7029	99.3	94.8	101.1	105.9	94.1	94.7	97.2
1998	3729	99.8	94.9	101.5	106.2	94.3	94.4	97.2
1999	2571	100.0	95.0	101.4	106.2	94.0	94.5	97.5
2000	1609	100.6	95.0	100.9	105.7	94.2	94.4	97.6
2001	1397	101.0	95.5	101.2	106.0	94.2	94.8	97.5
2002	951	101.0	95.8	101.5	106.5	94.6	94.6	97.6
2003	912	102.0	96.4	102.1	107.2	94.7	95.4	97.9
2004	864	102.5	96.6	102.4	107.4	94.4	95.6	97.9
2005	688	103.0	97.1	102.7	107.5	94.8	95.5	97.8
2006	718	103.1	96.6	102.5	107.7	93.8	96.0	97.7
2007	756	102.9	96.6	101.7	107.0	94.2	96.5	98.4
2008	858	103.4	97.0	102.3	107.3	94.5	96.2	98.9
2009	728	103.7	97.2	102.7	107.6	94.5	96.3	98.3
2010	712	103.9	97.2	102.7	107.7	94.5	96.3	98.5
2011	683	103.8	97.4	102.8	108.0	94.4	96.5	98.8
2012	623	104.2	97.6	103.0	108.0	94.7	96.0	98.7
2013	671	104.3	97.5	103.1	108.8	94.0	96.5	98.5
2014	641	104.7	97.2	102.8	108.3	94.1	96.6	99.2
2015	513	105.5	97.0	102.8	108.9	93.8	97.2	99.3

Tabel: 147 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	707	90.8	100.6	89.8	88.2
1981	1144	91.5	100.0	89.8	88.9
1982	4613	91.9	100.4	90.3	89.5
1983	8131	92.1	100.9	90.6	89.4
1984	7140	91.9	101.0	90.4	89.8
1985	8758	92.5	99.6	91.4	90.3
1986	15639	92.8	101.1	90.8	90.5
1987	21153	94.3	101.2	90.7	92.6
1988	18819	94.5	100.5	91.3	92.9
1989	26628	93.7	100.0	92.1	92.1
1990	26644	93.7	99.7	92.4	91.9
1991	21903	94.0	100.7	92.1	92.3
1992	19010	94.3	100.9	92.2	92.6
1993	19827	94.5	101.8	92.3	92.8
1994	16274	94.3	102.2	91.6	92.9
1995	14775	94.1	102.3	91.3	93.0
1996	10875	95.2	101.7	92.0	94.2
1997	7029	95.1	102.1	92.0	93.9
1998	3729	95.2	102.9	91.8	93.9
1999	2571	95.6	102.8	91.9	94.6
2000	1609	96.9	102.3	92.8	95.7
2001	1397	96.8	102.0	93.5	95.7
2002	951	97.6	102.2	94.0	96.4
2003	912	97.5	101.8	94.5	96.7
2004	864	97.9	101.9	94.5	97.2
2005	688	98.1	101.6	95.2	97.7
2006	718	98.4	102.1	94.9	97.9
2007	756	98.8	101.1	95.7	98.7

2008	858	98.6	101.2	95.6	98.5
2009	728	98.9	101.1	95.9	98.7
2010	712	99.4	100.9	96.3	99.4
2011	683	100.0	101.0	96.3	100.2
2012	623	100.3	100.9	96.5	100.5
2013	671	100.1	100.9	97.2	100.5
2014	641	100.8	100.5	97.3	101.0
2015	513	101.0	100.5	98.0	101.0

Tabel: 148 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	707	98.8	94.5	98.1	99.7	100.1	95.3	93.4
1981	1144	99.2	94.2	98.0	99.7	99.9	96.3	94.1
1982	4613	99.5	94.8	97.6	99.9	100.7	96.3	94.5
1983	8131	99.3	94.7	98.0	99.7	100.5	96.4	94.5
1984	7140	99.2	94.7	98.8	99.4	100.4	96.8	94.9
1985	8758	100.2	95.6	99.0	100.0	100.9	98.0	95.7
1986	15639	100.7	95.8	99.3	99.9	101.3	97.6	95.7
1987	21153	100.3	96.4	100.6	99.5	101.2	97.0	95.7
1988	18819	100.1	96.6	101.0	99.4	100.8	97.0	95.7
1989	26628	99.5	96.2	98.3	98.5	99.6	95.5	94.4
1990	26644	99.6	96.6	98.3	98.9	100.0	96.1	94.8
1991	21903	100.6	96.8	98.5	99.7	100.7	96.2	95.2
1992	19010	100.9	97.6	98.9	100.1	101.2	96.5	95.9
1993	19827	101.5	98.3	98.4	100.3	100.9	97.3	96.6
1994	16274	101.8	98.8	98.6	100.2	100.9	98.1	97.3
1995	14775	102.2	99.5	98.0	99.8	101.7	98.5	97.9
1996	10875	102.2	100.3	98.0	99.8	102.3	99.1	98.7
1997	7029	101.7	100.0	98.2	99.5	102.5	98.9	98.2
1998	3729	101.5	100.0	98.4	99.7	102.5	99.3	98.4
1999	2571	102.2	100.6	98.2	100.4	103.6	100.1	99.2
2000	1609	102.5	100.6	99.4	101.2	104.2	100.4	99.7
2001	1397	102.7	100.7	99.1	101.2	104.3	99.9	99.3
2002	951	102.7	101.3	98.2	101.3	104.0	100.6	100.0
2003	912	102.9	101.5	98.4	101.8	104.4	100.6	100.0
2004	864	103.3	102.0	98.1	102.0	104.9	101.1	100.7
2005	688	103.1	102.2	98.8	102.0	104.9	101.1	100.8
2006	718	103.2	101.7	98.8	102.1	105.5	100.9	100.4
2007	756	103.3	102.6	99.3	102.4	106.3	102.0	101.4
2008	858	102.9	102.6	98.7	102.4	106.3	102.4	101.9
2009	728	103.6	103.2	98.3	102.8	106.4	102.4	102.0
2010	712	104.0	103.6	98.2	103.4	106.8	102.5	102.4
2011	683	104.2	103.3	98.6	103.1	106.8	102.3	102.3
2012	623	104.2	103.5	98.2	103.3	107.0	102.7	103.0
2013	671	104.1	105.0	98.4	103.1	108.5	103.5	103.8
2014	641	105.4	105.0	97.9	104.4	108.3	103.2	103.7
2015	513	106.2	104.6	97.2	104.9	107.6	102.9	103.6

Tabel: 149 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	707	89.0	93.6	99.2	86.8	92.9	88.3
1981	1144	88.6	92.3	99.4	87.2	93.5	88.3

1982	4613	89.8	94.7	99.9	87.9	94.0	89.6
1983	8131	89.9	95.0	99.7	88.0	94.6	89.7
1984	7140	90.4	95.0	99.5	88.2	95.2	89.8
1985	8758	89.3	94.2	100.5	88.5	94.7	90.1
1986	15639	89.2	94.6	100.7	88.8	94.2	90.4
1987	21153	90.5	95.6	100.2	90.9	95.3	91.8
1988	18819	91.1	95.8	100.0	91.3	96.0	92.1
1989	26628	92.6	96.9	98.8	90.6	97.0	91.7
1990	26644	92.5	96.7	99.3	90.4	96.9	91.8
1991	21903	92.3	96.9	100.2	90.9	95.8	92.5
1992	19010	92.3	97.3	100.6	91.2	95.7	93.0
1993	19827	93.1	97.7	100.9	91.4	95.2	93.5
1994	16274	93.7	98.6	101.1	91.4	95.4	93.9
1995	14775	94.0	98.9	101.4	91.5	95.0	94.3
1996	10875	94.4	99.4	101.6	92.7	95.0	95.2
1997	7029	94.3	99.3	101.5	92.4	94.8	94.9
1998	3729	94.2	99.5	101.5	92.5	94.8	95.0
1999	2571	94.5	99.4	102.5	93.1	94.8	95.9
2000	1609	94.3	99.2	103.0	94.5	95.1	96.9
2001	1397	94.7	99.4	103.1	94.6	95.2	97.1
2002	951	94.8	100.1	103.1	95.4	95.5	97.6
2003	912	95.8	100.7	103.6	95.7	96.0	98.4
2004	864	96.0	100.6	104.0	96.1	95.8	98.9
2005	688	96.1	101.0	103.9	96.7	96.2	99.3
2006	718	96.1	100.4	104.2	96.8	95.6	99.4
2007	756	96.6	100.6	104.7	97.7	96.0	100.3
2008	858	97.0	101.1	104.6	97.5	96.3	100.4
2009	728	96.9	101.1	105.0	97.8	96.5	100.7
2010	712	97.0	101.1	105.4	98.5	96.5	101.3
2011	683	97.3	101.3	105.4	99.2	96.5	101.8
2012	623	97.2	101.5	105.5	99.5	96.8	102.0
2013	671	97.4	101.7	106.1	99.6	96.1	102.5
2014	641	97.5	101.5	106.9	100.2	96.4	103.3
2015	513	97.9	101.8	107.0	100.4	96.2	103.5

Tabel: 150 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1556	101.2	102.7	103.7	102.5	101.9	103.2	96.0	103.3
1981	2659	101.7	102.9	104.1	103.0	102.5	103.4	94.9	103.8
1982	9076	101.5	102.8	103.6	102.7	102.1	103.7	95.2	103.4
1983	15657	101.4	102.6	103.5	102.3	101.9	103.0	95.2	103.1
1984	14604	101.7	102.5	103.6	102.4	102.0	103.5	94.7	103.2
1985	17709	101.9	102.4	103.7	102.7	102.4	103.3	93.5	103.4
1986	31400	101.9	102.3	103.4	102.4	102.1	103.0	93.8	103.2
1987	41746	103.1	102.0	103.7	102.4	102.7	103.5	94.1	103.3
1988	39431	103.2	101.8	103.5	102.1	102.6	103.5	93.6	103.0
1989	56568	101.5	101.1	101.7	100.6	100.5	102.2	93.5	101.2
1990	56785	101.7	100.8	101.5	100.3	100.5	102.3	93.4	100.9
1991	47567	101.7	100.6	101.5	100.2	100.7	102.6	94.8	100.9
1992	41640	102.0	100.6	101.7	100.4	101.1	103.0	95.3	101.1
1993	44061	102.0	100.7	101.7	100.6	101.5	103.1	95.8	101.2
1994	38371	101.5	100.5	101.0	100.2	101.1	103.2	96.5	100.7
1995	35012	101.1	99.9	100.4	99.4	100.7	102.8	97.1	99.9
1996	26952	101.0	99.8	100.2	99.2	100.8	102.9	98.1	99.6
1997	18979	100.5	98.9	99.5	98.3	100.1	102.8	98.4	98.8
1998	12162	100.2	99.3	99.4	98.4	100.0	102.6	98.7	98.8
1999	8285	99.8	99.0	98.9	98.1	99.6	102.4	98.8	98.4
2000	5660	99.8	98.8	98.7	98.0	99.6	102.5	99.2	98.3

2001	4896	99.9	99.0	98.9	98.2	99.8	102.2	99.1	98.5
2002	3561	99.6	99.0	98.6	98.1	99.6	101.8	99.7	98.2
2003	3312	98.9	98.8	97.9	97.5	99.0	101.3	101.0	97.6
2004	2915	98.8	99.0	97.9	97.6	99.1	101.4	101.4	97.6
2005	2456	98.8	99.2	97.9	97.9	99.2	101.5	101.6	97.8
2006	2672	98.7	98.5	97.5	97.2	99.1	101.7	101.9	97.2
2007	2809	98.7	98.6	97.5	97.3	99.2	101.8	102.6	97.2
2008	2948	98.9	98.5	97.4	97.2	99.2	101.8	102.8	97.1
2009	2344	98.6	98.7	97.4	97.3	99.3	101.9	103.1	97.2
2010	2176	98.9	98.5	97.5	97.3	99.4	101.6	103.3	97.2
2011	2145	98.5	98.4	96.9	96.9	99.0	101.1	103.7	96.7
2012	2235	98.4	98.5	96.9	97.0	99.0	100.9	103.8	96.8
2013	2477	99.4	97.9	97.3	97.0	99.7	101.7	103.4	96.9
2014	2138	99.1	98.0	97.1	97.0	99.4	101.3	104.3	96.8
2015	2336	99.6	98.0	97.5	97.4	99.9	102.0	104.6	97.2
2016	192	100.0	97.7	97.3	97.2	100.2	102.5	104.5	97.1

Tabel: 151 MRIJ - Holstein Friesian roodbont: Gebruikskennmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	349	98.4	97.3	98.4	102.1	102.9
1981	499	97.3	90.8	99.1	102.7	103.6
1982	1971	97.7	95.1	99.0	102.5	103.3
1983	3621	98.0	94.4	98.7	102.2	103.0
1984	3281	97.3	95.4	98.6	102.2	102.9
1985	4215	97.3	95.2	98.3	101.9	103.0
1986	8261	96.9	96.3	98.2	101.8	102.7
1987	11775	96.6	96.7	97.9	101.3	102.5
1988	10651	96.7	97.0	97.9	101.1	102.4
1989	15844	98.6	98.1	97.9	100.7	101.3
1990	16558	98.6	98.3	98.0	100.7	101.3
1991	17561	99.0	98.5	98.0	100.7	101.3
1992	18973	98.7	98.5	98.0	100.7	101.4
1993	19634	99.4	98.7	98.5	101.2	101.6
1994	15940	99.1	98.1	98.5	101.0	101.6
1995	14324	99.2	98.5	97.9	99.9	101.2
1996	10500	99.5	98.8	97.9	99.8	101.2
1997	6741	98.6	98.9	98.0	99.9	100.8
1998	3527	98.3	98.1	98.3	100.2	100.9
1999	2412	98.4	98.2	98.1	99.8	100.4
2000	1510	97.8	98.5	98.6	100.3	100.7
2001	1333	98.0	98.0	98.2	99.7	99.9
2002	902	98.7	98.8	98.9	100.1	100.6
2003	854	98.9	99.1	98.5	99.7	100.1
2004	772	98.6	98.8	98.8	99.7	100.1
2005	631	98.6	98.7	98.7	99.5	100.0
2006	651	98.9	99.5	98.7	99.5	99.8
2007	675	98.9	99.7	99.4	100.0	100.4
2008	738	99.3	99.4	99.2	99.8	100.1
2009	591	98.6	99.4	99.5	99.9	100.2
2010	602	98.5	99.8	100.0	100.2	100.3
2011	554	98.7	99.9	100.3	100.2	100.2
2012	484	98.9	100.2	100.5	100.6	100.3
2013	505	98.5	100.0	100.8	100.8	100.7
2014	461	99.0	100.6	100.6	100.6	100.4
2015	386	100.9	101.6	99.9	100.4	99.9

Tabel: 152 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	629	-134.7	-267.1	21.6	102.9	103.3	99.2	86.8	95.9
1981	816	-111.6	-259.9	36.5	103.6	103.8	99.4	87.2	96.4
1982	4020	-122.9	-263.5	4.0	103.4	103.4	99.9	87.9	96.4
1983	7302	-128.8	-253.3	-58.2	103.0	103.1	99.7	88.0	96.4
1984	7646	-138.4	-249.6	-171.0	102.9	103.2	99.5	88.2	96.4
1985	11016	-137.9	-253.7	-263.0	102.9	103.4	100.5	88.5	97.1
1986	21913	-144.4	-246.1	-337.0	102.6	103.2	100.7	88.8	96.8
1987	31636	-137.9	-253.0	-409.8	102.2	103.3	100.2	90.9	96.7
1988	33615	-140.8	-255.9	-439.8	102.1	103.0	100.0	91.3	96.7
1989	49596	-158.2	-229.7	-444.5	101.2	101.2	98.8	90.6	96.3
1990	50039	-155.7	-220.6	-431.2	101.2	100.9	99.3	90.4	96.0
1991	40904	-145.7	-205.2	-410.1	101.2	100.9	100.2	90.9	96.2
1992	35285	-135.6	-193.6	-382.9	101.2	101.1	100.6	91.2	96.1
1993	37950	-114.9	-165.7	-342.9	101.6	101.2	100.9	91.4	96.5
1994	32523	-102.7	-127.7	-315.6	101.5	100.7	101.1	91.4	96.8
1995	29773	-98.3	-100.1	-279.9	100.7	99.9	101.4	91.5	96.9
1996	22752	-83.0	-81.2	-222.3	100.7	99.6	101.6	92.7	97.4
1997	15875	-84.1	-51.6	-223.7	100.5	98.8	101.5	92.4	97.3
1998	9920	-79.5	-47.2	-219.8	100.6	98.8	101.5	92.5	97.3
1999	6767	-67.8	-31.3	-192.5	100.2	98.4	102.5	93.1	97.6
2000	4769	-47.3	-25.3	-161.4	100.6	98.3	103.0	94.5	98.1
2001	4129	-42.3	-4.4	-120.3	99.8	98.5	103.1	94.6	98.2
2002	2910	-21.7	16.7	-74.0	100.4	98.2	103.1	95.4	97.9
2003	2680	-19.0	33.4	-55.2	99.9	97.6	103.6	95.7	97.6
2004	2382	-4.4	52.5	-11.7	99.9	97.6	104.0	96.1	97.7
2005	2059	0.9	55.3	-14.4	99.8	97.8	103.9	96.7	97.7
2006	2242	17.9	94.0	57.7	99.7	97.2	104.2	96.8	98.1
2007	2271	29.8	97.9	80.4	100.3	97.2	104.7	97.7	98.1
2008	2368	30.0	113.7	58.4	99.9	97.1	104.6	97.5	98.4
2009	1882	39.9	121.1	82.2	100.1	97.2	105.0	97.8	98.4
2010	1782	52.4	132.2	120.6	100.3	97.2	105.4	98.5	98.5
2011	1717	59.4	153.4	134.4	100.2	96.7	105.4	99.2	98.2
2012	1810	70.0	167.1	147.3	100.5	96.8	105.5	99.5	98.4
2013	2037	78.6	173.7	152.6	100.8	96.9	106.1	99.6	99.0
2014	1781	92.8	194.7	190.9	100.6	96.8	106.9	100.2	99.3
2015	1630	98.7	203.7	234.2	100.1	97.2	107.0	100.4	99.3
2016	42	112.7	233.8	285.5	100.0	97.1	0.0	0.0	99.3

Tabel: 153 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1982	33	93.1	96.4	94.8	93.7	96.1	97.8	100.4
1983	36	93.2	96.3	95.1	93.9	96.1	98.4	100.1
1984	57	93.2	96.4	94.9	93.8	96.3	98.1	100.4
1985	31	94.5	96.6	96.2	94.6	97.2	99.5	99.8
1986	36	94.0	96.8	95.3	94.1	97.6	98.6	100.5
1987	73	94.2	94.8	97.1	95.6	96.3	98.4	99.2
1988	132	94.2	94.9	97.6	95.5	95.8	98.2	98.7
1989	913	93.8	95.3	97.8	94.1	95.6	98.3	98.4
1990	1122	93.8	95.2	97.8	94.2	95.6	98.3	98.4
1991	1819	92.8	94.7	96.1	93.4	95.8	97.9	99.6
1992	1431	92.6	94.5	95.7	93.4	95.9	97.8	99.8
1993	2730	92.7	96.0	94.6	93.0	95.9	99.7	100.4

1994	3710	94.1	96.5	96.5	93.8	96.2	100.6	99.8
1995	6975	94.9	97.3	97.3	94.2	96.5	101.4	99.2
1996	3917	95.0	96.7	97.6	94.9	96.3	101.0	99.2
1997	3804	94.2	95.9	96.9	94.6	95.8	99.3	99.4
1998	2288	94.3	95.9	97.0	95.0	95.5	99.7	99.1
1999	1570	95.1	96.7	97.8	95.3	96.0	100.1	99.1
2000	899	95.1	96.6	97.5	95.5	96.1	99.8	99.4
2001	819	95.6	96.8	97.8	95.7	96.7	100.2	99.5
2002	593	96.2	97.6	97.7	96.1	97.4	100.8	99.5
2003	636	96.7	98.0	97.8	96.8	97.6	100.1	100.3
2004	633	96.7	98.2	97.8	96.7	97.8	99.6	100.3
2005	487	97.5	98.7	98.2	97.4	98.4	100.3	100.8
2006	535	97.6	98.8	98.1	97.4	98.2	100.7	101.1
2007	580	97.8	99.2	98.3	97.7	98.3	100.0	100.6
2008	712	97.5	98.9	98.0	97.5	98.2	99.6	100.8
2009	577	97.5	99.2	97.6	97.3	98.8	99.8	101.3
2010	564	97.9	99.3	97.8	97.7	99.1	100.5	101.5
2011	515	98.5	99.7	98.2	98.3	99.3	100.8	101.5
2012	455	98.7	100.0	98.2	98.2	99.5	101.1	101.5
2013	520	98.8	100.8	98.1	97.7	100.3	100.1	101.8
2014	487	98.9	100.2	98.4	98.2	99.9	101.2	101.7
2015	382	97.7	98.6	97.6	97.8	98.5	101.7	101.5

Tabel: 154 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	391	96.1	97.2	96.1	97.2	98.5	96.7
1981	607	97.1	97.1	97.1	97.1	99.4	97.1
1982	2756	96.5	97.3	96.5	97.3	98.8	97.1
1983	4973	96.8	97.2	96.8	97.2	98.8	97.3
1984	4992	97.4	96.9	97.4	96.9	99.6	97.3
1985	6856	98.1	97.2	98.1	97.2	100.1	97.7
1986	14227	98.2	96.8	98.2	96.8	100.2	97.6
1987	20399	97.6	97.3	97.6	97.3	99.8	97.9
1988	20051	97.5	97.3	97.5	97.3	99.7	97.9
1989	31375	96.6	97.7	96.6	97.7	99.3	98.0
1990	36817	96.5	97.6	96.5	97.6	99.3	97.8
1991	37569	96.9	97.6	96.9	97.6	99.7	97.7
1992	35044	97.3	97.3	97.3	97.3	99.7	97.3
1993	43794	97.5	97.5	97.5	97.5	100.0	97.1
1994	39696	97.9	97.6	97.9	97.6	100.4	97.1
1995	41441	98.2	97.5	98.2	97.5	100.6	97.2
1996	34202	98.7	97.8	98.7	97.8	100.8	97.6
1997	25361	98.8	97.7	98.8	97.7	100.8	97.6
1998	16516	98.7	97.7	98.7	97.7	100.6	97.5
1999	11902	99.3	97.5	99.3	97.5	101.2	97.6
2000	8608	99.6	97.9	99.6	97.9	101.5	98.1
2001	6712	99.9	97.8	99.9	97.8	101.6	98.2
2002	5310	99.5	97.8	99.5	97.8	101.5	98.2
2003	4684	99.7	97.4	99.7	97.4	101.3	98.0
2004	4095	99.7	97.5	99.7	97.5	101.4	98.1
2005	3353	99.8	97.5	99.8	97.5	101.3	98.2
2006	3341	100.2	97.7	100.2	97.7	101.9	98.4
2007	3195	100.4	97.6	100.4	97.6	102.3	98.2
2008	3315	100.4	97.9	100.4	97.9	102.1	98.7
2009	2890	100.7	97.7	100.7	97.7	102.3	98.6
2010	2697	100.6	97.8	100.6	97.8	102.2	98.5
2011	2537	100.6	97.5	100.6	97.5	102.1	98.4
2012	2576	100.6	97.8	100.6	97.8	102.1	98.7

2013	2722	101.1	98.1	101.1	98.1	102.7	98.3
2014	2460	100.9	98.4	100.9	98.4	102.8	98.8
2015	3033	100.3	99.0	100.3	99.0	102.7	99.2
2016	2278	100.7	98.7	100.7	98.7	102.9	99.0
2017	1876	101.0	98.7	101.0	98.7	103.2	98.9
2018	207	101.3	98.8	101.3	98.8	103.6	99.0

Tabel: 155 MRIJ - Holstein Friesian roodbont: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	463	99.3	104.1	101.6	83.7	83.4	84.9
1981	604	101.0	103.1	99.9	83.4	82.5	83.4
1982	2622	100.5	103.6	100.5	94.5	93.9	95.0
1983	5894	99.5	104.1	101.5	95.2	94.1	96.1
1984	5391	100.4	103.5	100.5	94.7	94.2	96.7
1985	6741	102.3	101.8	98.5	95.2	94.0	95.8
1986	13504	101.3	102.3	99.6	97.9	95.5	97.5
1987	18573	100.4	103.2	100.7	98.6	96.8	100.3
1988	16967	100.2	103.2	100.9	98.3	97.0	100.5
1989	22141	97.9	103.3	103.5	98.3	98.3	100.9
1990	22654	97.8	103.5	103.6	98.5	98.9	101.6
1991	21658	98.1	103.1	103.2	98.8	99.3	101.2
1992	19925	98.7	103.3	102.5	98.6	99.1	100.5
1993	19771	98.7	102.6	102.4	99.0	98.9	100.0
1994	17491	98.8	102.8	102.2	99.8	98.6	100.0
1995	16705	98.9	102.9	102.2	99.1	98.7	99.9
1996	13474	99.2	103.1	101.9	99.9	98.9	99.8
1997	8848	98.8	103.1	102.3	99.3	98.9	100.2
1998	5416	99.1	103.3	101.9	99.1	98.7	99.7
1999	3976	99.7	102.4	101.4	99.3	99.0	99.9
2000	2921	99.4	102.0	101.6	100.2	98.1	99.1
2001	2611	99.0	102.0	102.0	99.9	97.3	98.6
2002	1878	98.6	102.0	102.3	100.2	98.1	98.9
2003	1761	98.6	102.5	102.3	99.6	99.4	99.9
2004	1694	98.5	102.3	102.4	100.0	99.5	99.5
2005	1625	98.4	102.1	102.5	99.5	99.7	99.5
2006	1746	98.9	102.3	102.0	99.8	98.7	99.3
2007	2122	99.7	101.6	101.1	98.7	99.8	101.3
2008	2176	99.2	101.6	101.6	99.5	99.4	100.7
2009	1852	99.0	101.9	101.9	99.7	99.9	100.4
2010	1732	98.9	101.9	101.9	99.1	99.7	99.6
2011	1558	98.5	102.0	102.5	98.7	99.9	99.4
2012	1543	98.5	102.0	102.5	99.4	99.9	99.4
2013	1615	100.0	101.1	100.8	98.1	100.1	100.9
2014	1429	99.6	101.1	101.2	99.4	99.2	100.0
2015	1738	99.1	101.1	101.4	99.1	100.4	100.2
2016	1123	99.8	101.0	101.0	98.9	99.8	100.3
2017	973	99.7	100.7	101.2	99.7	99.2	99.7
2018	126	99.8	100.4	101.2	100.4	100.0	100.2

Tabel: 156 MRIJ - Holstein Friesian roodbont: Vleeskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1981	10	101.7	98.1	98.8	98.8	99.1	98.4	102.2	99.5	101.2	97.4	100.5

1982	28	101.3	98.1	98.6	98.2	99.4	98.2	101.9	99.4	100.9	97.8	98.4
1983	55	101.8	97.9	99.4	98.4	99.5	98.1	102.3	99.8	101.3	98.2	100.1
1984	43	102.8	99.1	99.4	98.8	101.2	98.0	103.4	99.0	102.3	98.2	100.7
1985	67	101.8	99.4	97.7	98.8	99.8	97.0	102.7	98.7	101.5	96.6	100.0
1986	144	102.1	98.7	98.5	98.5	100.1	97.2	102.8	99.2	101.4	97.2	99.4
1987	223	103.7	99.0	98.0	99.4	102.3	96.3	104.7	98.1	102.9	96.3	101.7
1988	204	103.4	99.7	97.9	99.4	102.6	96.7	104.3	98.0	103.4	96.8	101.3
1989	338	103.0	100.0	99.1	99.1	102.3	97.4	103.4	98.5	103.3	97.3	101.6
1990	406	102.8	99.7	99.5	99.1	101.8	97.5	103.3	98.7	103.0	97.2	101.7
1991	349	102.4	98.4	99.1	98.7	100.9	97.4	103.2	98.7	102.1	97.0	101.2
1992	389	102.2	98.0	99.2	98.7	100.4	97.5	102.9	99.1	101.4	97.2	100.6
1993	416	102.0	97.1	100.1	98.3	99.8	97.2	102.6	99.6	100.7	97.4	100.3
1994	356	101.7	96.3	100.4	98.8	98.5	97.9	102.5	99.9	99.6	97.6	100.9
1995	352	101.3	96.3	100.3	98.7	97.9	98.5	102.0	100.1	99.4	97.8	100.8
1996	286	100.7	95.9	100.4	98.9	96.6	99.3	101.3	100.6	99.0	98.0	101.2
1997	248	99.8	94.9	100.6	98.2	95.7	99.2	100.5	100.4	98.3	98.1	99.6
1998	138	99.8	95.2	100.7	98.3	96.1	99.2	100.6	100.0	98.5	98.1	100.0
1999	124	99.1	94.6	100.6	98.4	95.5	99.1	100.0	99.8	97.8	97.8	99.3
2000	77	99.7	94.8	101.1	98.5	95.7	99.6	100.2	100.9	98.3	98.9	99.5
2001	56	99.3	94.0	101.2	98.7	94.8	99.6	100.1	100.5	97.5	99.1	99.8
2002	46	98.8	95.0	101.7	97.9	95.5	99.8	99.6	99.8	98.5	99.0	98.8
2003	59	98.9	94.2	101.2	98.4	94.7	99.8	99.5	100.4	97.6	98.3	99.9
2004	36	99.4	94.3	101.6	98.5	95.5	99.5	99.9	100.4	98.8	98.8	100.0
2005	33	99.0	94.6	100.5	99.2	94.3	99.8	99.5	101.0	97.5	98.6	100.2
2006	39	98.7	92.7	102.2	97.5	94.5	99.3	99.3	101.2	96.4	99.9	97.2
2007	25	97.8	94.0	102.1	97.2	94.8	100.2	98.7	99.7	97.0	99.7	96.9
2008	23	97.2	93.7	101.7	97.9	93.4	101.1	97.8	100.4	96.8	99.3	98.0
2009	20	98.0	94.0	101.6	98.2	94.3	100.2	98.3	100.6	98.1	99.5	98.0
2010	23	96.7	91.9	102.0	97.5	92.1	100.7	97.8	100.0	95.9	98.0	97.6
2011	13	96.7	90.8	102.4	97.2	91.2	101.5	98.1	100.8	94.0	100.1	96.8

Tabel: 157 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	389	100.8	98.6	100.3
1981	614	102.1	99.6	100.8
1982	2763	100.7	98.5	101.0
1983	5029	100.8	98.6	100.9
1984	5061	100.5	98.3	101.0
1985	6971	101.0	98.4	101.9
1986	14493	101.0	98.5	101.6
1987	20806	100.8	98.1	101.4
1988	20542	100.6	98.1	101.4
1989	32378	99.5	97.7	101.1
1990	38045	99.1	97.5	101.0
1991	37478	99.2	97.5	101.1
1992	34011	99.1	97.4	101.1
1993	46560	98.8	97.3	101.2
1994	49838	99.3	97.7	101.3
1995	47527	99.9	98.1	101.3
1996	39896	100.1	98.3	100.9
1997	30312	100.5	98.5	100.9
1998	20191	100.3	98.5	100.9
1999	14635	100.8	98.8	101.2
2000	10349	100.4	98.7	101.2
2001	7886	100.7	98.8	101.0
2002	6324	101.3	99.3	100.9
2003	5628	101.5	99.4	100.7
2004	4809	101.5	99.3	100.5

2005	3918	101.5	99.3	100.7
2006	3869	101.8	99.5	100.7
2007	3666	102.5	100.0	101.3
2008	3812	102.3	99.7	101.3
2009	3310	102.1	99.4	100.8
2010	3091	102.3	99.7	100.7
2011	2906	102.6	100.0	100.4
2012	2904	102.7	100.1	100.2
2013	3052	102.7	100.1	100.3
2014	2767	102.7	100.0	100.4
2015	3517	103.4	100.5	99.9
2016	2811	103.2	100.5	100.1
2017	2302	103.3	100.7	100.4
2018	186	103.0	100.4	100.4

Tabel: 158 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	4158	-1173.9	-3657.7	-204.6	-169.3
2002	2920	-813.6	-2337.9	-139.8	-119.0
2003	2693	-633.3	-1667.6	-110.3	-92.4
2004	2396	-281.4	-344.3	-46.9	-43.5
2005	2081	-281.5	-297.5	-52.4	-40.8
2006	2271	330.2	2164.4	48.6	48.4
2007	2293	493.1	2726.9	82.0	69.2
2008	2392	421.2	2402.5	69.4	59.2
2009	1899	610.2	3134.3	99.7	87.3
2010	1818	913.2	4444.3	149.7	131.3
2011	1769	1083.8	5055.0	179.8	155.5
2012	1842	1232.0	5633.6	207.5	175.5
2013	2092	1305.3	5860.4	215.7	188.4
2014	1825	1660.0	7345.9	276.7	238.7
2015	1720	1987.0	8684.8	339.3	282.1
2016	53	2472.6	10506.2	425.8	350.2

Tabel: 159 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1980	55	100.1	105.0	99.9
1981	68	99.1	105.8	99.8
1982	312	98.5	105.1	100.1
1983	464	100.2	104.1	99.9
1984	319	98.1	104.7	99.9
1985	473	97.0	106.1	99.2
1986	704	97.6	105.5	99.5
1987	1415	98.6	103.5	99.3
1988	1169	98.4	103.2	99.3
1989	1742	99.5	101.1	99.4
1990	1521	99.6	101.1	99.4
1991	1391	99.7	102.1	99.6
1992	1182	99.7	102.5	99.8
1993	1400	100.0	102.9	99.5
1994	1321	99.6	102.2	99.9
1995	1357	100.0	102.0	99.9

1996	1117	100.3	102.2	100.2
1997	791	99.7	102.7	100.2
1998	485	99.3	102.8	99.7
1999	344	99.3	102.7	100.0
2000	229	99.1	102.9	100.0
2001	276	99.2	103.5	99.5
2002	175	99.3	103.6	99.7
2003	190	99.5	104.3	99.9
2004	191	99.6	104.3	99.9
2005	173	99.7	104.7	99.6
2006	224	100.1	104.7	99.8
2007	278	100.0	104.6	99.7
2008	296	100.4	104.6	99.8
2009	265	100.0	104.2	99.5
2010	283	99.6	104.4	100.1
2011	323	99.5	105.9	99.5
2012	279	99.7	106.7	99.5
2013	299	100.0	107.5	99.6
2014	337	100.1	108.6	99.3
2015	373	101.8	109.3	99.6
2016	14	102.5	109.4	99.7

Tabel: 160 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	629	96.8	100.6	1	-4.0	0	0.0
1981	816	95.9	100.3	5	-2.4	0	0.0
1982	4021	96.4	100.5	7	-2.5	0	0.0
1983	7302	96.9	100.8	6	-3.3	0	0.0
1984	7648	97.0	100.7	6	-2.1	0	0.0
1985	11018	96.2	100.6	8771	-3.5	0	0.0
1986	21913	96.4	100.6	15645	-3.3	0	0.0
1987	31636	96.1	100.5	21161	-3.1	0	0.0
1988	33615	96.5	100.4	18829	-2.9	0	0.0
1989	49597	97.4	100.3	26641	-2.5	0	0.0
1990	50039	97.6	100.2	26648	-2.4	0	0.0
1991	40904	96.9	99.9	21906	-2.4	0	0.0
1992	35285	96.9	100.0	19016	-2.2	0	0.0
1993	37952	97.3	100.3	19841	-1.9	0	0.0
1994	32522	97.0	100.4	16280	-1.5	0	0.0
1995	29774	96.4	99.8	14780	-1.3	0	0.0
1996	22752	96.3	99.8	10885	-1.2	0	0.0
1997	15875	97.0	99.6	7033	-1.0	0	0.0
1998	9920	97.1	99.7	3732	-0.9	0	0.0
1999	6767	97.1	99.7	2581	-0.8	0	0.0
2000	4770	97.3	99.5	1622	-0.7	0	0.0
2001	4129	98.1	99.5	1406	-0.5	1397	95.0
2002	2910	97.9	99.5	957	-0.3	951	95.4
2003	2680	98.2	99.7	914	-0.1	912	96.3
2004	2382	98.3	99.9	867	0.1	864	96.5
2005	2059	98.1	99.6	694	0.3	688	97.2
2006	2242	99.1	99.9	722	0.4	718	96.4
2007	2270	99.0	100.1	761	0.4	756	96.6
2008	2368	99.0	99.9	864	0.6	858	97.3
2009	1882	99.4	100.2	733	0.7	728	97.5
2010	1782	99.1	100.2	721	0.8	712	97.7
2011	1717	99.6	100.2	691	0.9	683	97.7
2012	1810	99.6	100.4	626	1.0	623	98.0
2013	2037	99.6	100.4	697	1.1	670	97.8

2014	1781	100.3	100.4	658	1.3	641	97.9
2015	1630	100.9	100.6	522	1.4	513	98.0
2016	42	101.0	101.8	0	0.0	0	0.0

Tabel: 161 Jersey: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	58	-3478.2	-63.1	-97.8	-158.7	203.8	60.2	-0.6	-581.2
1981	82	-3608.9	-68.8	-102.1	-164.7	208.7	62.4	-0.7	-612.4
1982	106	-3653.3	-61.4	-101.3	-166.7	229.7	67.7	-0.7	-594.6
1983	100	-3655.0	-62.3	-101.8	-166.8	228.2	67.0	-0.8	-598.2
1984	191	-3724.1	-63.3	-104.8	-169.9	236.5	66.8	-0.8	-613.6
1985	174	-3786.0	-67.3	-107.4	-172.7	237.7	66.8	-0.8	-633.6
1986	240	-3667.2	-66.1	-103.6	-167.3	222.9	64.4	-0.7	-613.9
1987	313	-3691.5	-67.7	-104.2	-168.4	223.2	65.5	-0.7	-620.0
1988	352	-3629.5	-63.9	-101.4	-165.6	221.7	65.6	-0.7	-599.9
1989	251	-3512.5	-62.8	-98.3	-160.3	208.5	62.0	-0.7	-583.0
1990	394	-3513.9	-63.2	-98.6	-160.3	207.7	61.7	-0.8	-584.9
1991	168	-3316.2	-57.3	-93.4	-151.3	195.0	55.5	-0.7	-548.8
1992	246	-3141.9	-58.5	-87.9	-143.4	170.2	52.1	-0.6	-526.3
1993	175	-2804.7	-51.8	-78.2	-128.0	143.6	44.3	-0.5	-467.6
1994	200	-2725.9	-45.5	-74.0	-124.4	146.7	46.1	-0.5	-436.4
1995	193	-2728.5	-46.1	-74.3	-124.5	144.5	45.2	-0.5	-439.0
1996	195	-2758.7	-47.5	-74.7	-125.9	146.4	47.3	-0.6	-443.7
1997	240	-2706.7	-45.4	-73.4	-123.5	142.8	45.3	-0.5	-433.5
1998	231	-2558.3	-42.5	-68.9	-116.7	132.6	42.6	-0.4	-406.8
1999	313	-2393.6	-31.2	-61.7	-109.2	134.9	43.4	-0.5	-351.2
2000	269	-2266.3	-25.5	-57.4	-103.4	131.7	41.8	-0.4	-319.9
2001	270	-2335.8	-26.0	-58.2	-101.8	137.8	45.2	8.5	-324.0
2002	311	-2243.8	-25.1	-54.9	-98.1	130.2	44.8	7.4	-307.2
2003	357	-2210.9	-21.9	-53.9	-97.5	132.1	43.9	5.6	-296.3
2004	449	-2060.3	-18.1	-47.4	-91.6	123.6	44.5	3.8	-259.8
2005	473	-2083.5	-16.5	-46.9	-93.0	128.3	46.8	3.2	-255.0
2006	609	-2035.7	-12.5	-46.3	-91.6	130.4	44.6	1.8	-243.4
2007	633	-2017.0	-9.1	-43.2	-91.4	134.0	48.3	0.8	-223.7
2008	707	-1985.3	-10.9	-44.4	-89.7	127.8	44.3	1.2	-232.0
2009	860	-2044.5	-11.1	-45.2	-92.8	133.1	47.0	0.4	-236.5
2010	786	-1949.0	-8.9	-42.5	-88.7	127.8	45.0	0.1	-219.7
2011	897	-1962.9	-6.8	-42.4	-89.5	132.5	46.1	-0.2	-215.3
2012	794	-2036.3	-7.0	-42.8	-93.0	139.4	50.6	-0.6	-218.0
2013	1395	-2064.0	-4.5	-42.7	-95.6	146.1	52.6	-2.7	-213.6
2014	899	-2023.7	-2.2	-41.5	-94.5	146.1	51.9	-3.8	-203.2
2015	553	-1915.0	0.9	-36.6	-91.9	140.9	52.6	-7.4	-175.7
2016	80	-1868.9	0.8	-36.2	-90.8	136.0	50.0	-8.8	-174.1

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 162 Jersey: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	28	68.4	80.1	82.4	88.3	89.6	94.4	76.3
1981	22	68.0	80.0	82.5	88.5	90.1	94.0	75.7
1982	45	66.7	79.3	82.0	88.2	90.0	93.7	74.4
1983	37	67.0	79.8	82.5	88.5	90.9	93.2	74.6
1984	54	66.0	79.2	81.6	87.8	90.3	93.0	74.0

1985	16	66.9	79.4	82.2	88.0	90.8	92.2	75.5
1986	26	67.5	79.3	82.6	88.6	89.5	92.1	76.3
1987	21	66.8	79.0	82.5	88.7	89.5	93.6	76.0
1988	20	69.0	79.5	83.5	89.5	88.8	94.1	77.3
1989	14	70.2	80.3	84.4	90.1	88.9	93.3	79.4
1990	19	68.9	79.7	84.3	90.0	89.5	92.7	77.8
1991	17	70.0	79.9	83.8	89.8	90.2	93.8	77.1
1992	19	69.2	79.3	83.8	90.0	89.3	94.1	76.8
1993	20	69.8	79.8	84.8	90.7	89.2	94.8	77.9
1994	20	69.5	79.3	83.7	89.7	89.4	93.7	77.7
1995	13	68.0	78.8	83.0	89.2	90.1	93.4	76.0
1996	11	67.6	79.5	83.5	89.8	90.0	92.6	76.4
1998	16	68.6	79.7	83.8	90.2	89.2	94.4	77.9
1999	14	71.3	80.7	84.9	91.4	88.4	96.6	79.4
2000	19	69.5	79.9	84.1	90.3	89.2	95.6	78.8
2001	10	69.6	80.5	83.9	90.3	89.6	95.6	77.3
2002	23	69.9	80.4	84.4	90.6	88.8	95.3	79.5
2003	14	70.1	80.9	84.3	89.9	89.5	94.6	78.6
2004	15	71.1	80.9	84.5	90.4	89.3	95.5	79.7
2005	29	69.5	79.4	83.3	89.6	89.1	94.4	77.5
2006	16	69.9	80.2	83.9	89.6	89.2	93.9	79.0
2007	12	69.6	80.4	84.2	90.0	90.8	94.2	77.8
2008	11	68.9	80.7	83.9	89.5	89.2	93.7	79.0
2010	12	69.2	80.5	83.4	89.6	89.2	95.3	79.4
2012	12	69.4	81.2	84.2	90.3	90.3	96.2	79.5

Tabel: 163 Jersey: Exterieurkenmerken beenwerk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	28	103.4	102.2	88.6	104.6
1981	22	104.2	102.3	89.2	105.5
1982	45	104.5	102.5	89.5	106.2
1983	37	105.5	103.5	90.1	107.5
1984	54	105.2	104.2	88.9	106.9
1985	16	104.9	104.1	89.8	106.7
1986	26	106.3	103.5	88.8	107.9
1987	21	105.8	103.3	88.5	107.2
1988	20	105.2	102.6	88.2	106.5
1989	14	106.8	102.6	87.7	107.8
1990	19	106.4	103.1	87.9	107.9
1991	17	106.3	103.7	89.1	108.1
1992	19	108.3	103.9	89.8	110.3
1993	20	109.0	103.8	89.3	110.7
1994	20	107.8	103.0	89.2	109.6
1995	13	108.0	103.2	89.6	110.0
1996	11	106.2	102.9	89.1	107.5
1998	16	107.7	103.2	89.1	109.2
1999	14	108.6	103.4	88.1	109.9
2000	19	107.5	103.1	88.1	108.7
2001	10	106.2	103.2	87.7	107.2
2002	23	107.0	103.0	88.0	108.4
2003	14	106.6	102.4	88.6	108.0
2004	15	107.1	101.7	88.5	108.1
2005	29	107.5	103.7	87.2	108.3
2006	16	107.2	102.6	87.7	107.8
2007	12	107.2	102.2	89.2	108.4
2008	11	106.6	102.4	88.5	107.8
2010	12	108.0	102.8	87.2	108.2
2012	12	107.3	103.1	87.2	108.2

Tabel: 164 Jersey: Exterieurkenmerken uier
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	28	92.7	90.4	104.4	89.9	92.0	92.2	91.8
1981	22	93.4	91.3	104.0	90.9	92.0	93.3	92.6
1982	45	92.4	90.8	103.6	90.0	92.1	93.4	92.4
1983	37	92.4	90.5	104.1	89.6	92.9	93.8	92.8
1984	54	93.0	90.4	104.5	90.3	92.8	93.3	92.5
1985	16	92.5	92.2	102.8	89.3	92.2	93.0	92.9
1986	26	93.9	91.9	104.8	89.7	93.8	93.4	92.8
1987	21	92.2	92.6	103.3	88.9	93.1	93.9	93.5
1988	20	93.8	91.8	104.2	90.2	93.8	93.5	92.9
1989	14	92.3	91.7	104.5	88.1	94.2	94.1	93.4
1990	19	92.2	91.5	104.6	87.4	94.1	93.6	92.9
1991	17	93.6	92.5	105.1	89.6	94.8	95.2	94.2
1992	19	93.5	94.1	104.6	89.0	95.4	96.2	95.5
1993	20	94.2	95.3	105.1	88.7	96.5	96.5	96.1
1994	20	93.9	93.7	105.0	89.2	96.0	95.7	94.7
1995	13	93.7	94.0	105.4	88.6	95.2	95.1	94.1
1996	11	94.4	93.2	104.6	89.1	94.8	94.4	93.7
1998	16	92.9	94.4	105.2	87.9	94.9	95.1	94.3
1999	14	94.9	95.8	103.8	90.0	95.9	95.0	95.6
2000	19	94.0	94.5	104.4	89.5	95.3	95.6	95.3
2001	10	94.0	93.9	104.0	90.2	94.3	94.7	95.3
2002	23	93.4	94.0	104.3	89.0	94.3	94.2	94.2
2003	14	94.0	94.3	104.9	89.9	95.0	94.3	94.2
2004	15	94.0	94.2	105.8	89.5	95.7	95.3	94.6
2005	29	94.7	94.0	104.4	90.3	96.0	95.2	95.0
2006	16	95.3	93.2	104.8	90.8	95.4	94.6	94.2
2007	12	95.4	94.8	104.4	90.8	95.8	95.8	95.5
2008	11	95.1	93.4	105.3	91.2	95.2	94.5	93.7
2010	12	96.7	94.6	104.6	92.1	97.3	95.1	94.9
2012	12	97.8	94.8	103.1	93.7	97.8	95.6	95.3

Tabel: 165 Jersey: Exterieurkenmerken bovenbalk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	28	71.9	74.8	89.2	102.5	0.0	83.5
1981	22	71.6	75.0	90.3	103.5	0.0	84.4
1982	45	70.3	74.5	89.6	104.0	0.0	83.9
1983	37	70.4	75.5	89.8	105.3	0.0	84.9
1984	54	69.5	74.3	90.1	104.5	0.0	84.1
1985	16	70.2	75.1	89.4	104.5	0.0	84.1
1986	26	70.7	74.8	90.7	105.6	0.0	85.6
1987	21	71.1	74.8	89.7	105.0	0.0	84.8
1988	20	72.6	75.1	91.0	104.2	0.0	85.5
1989	14	73.8	76.1	89.7	105.5	0.0	86.1
1990	19	72.5	75.9	89.3	105.6	0.0	85.5
1991	17	72.5	76.1	91.1	105.8	0.0	86.6
1992	19	72.2	75.6	91.1	108.1	0.0	87.7
1993	20	73.8	76.3	91.8	108.5	0.0	88.8
1994	20	72.5	75.6	91.7	107.5	0.0	87.5
1995	13	71.1	75.5	91.1	108.1	0.0	87.3

1996	11	71.4	75.9	91.2	105.5	0.0	86.0
1998	16	73.1	76.1	90.4	107.1	0.0	87.0
1999	14	75.9	76.6	92.3	107.6	0.0	89.2
2000	19	74.5	76.3	91.5	106.5	0.0	87.8
2001	10	73.7	76.2	91.2	105.1	0.0	86.8
2002	23	75.0	76.3	90.6	106.3	0.0	87.2
2003	14	74.4	76.2	91.4	105.8	0.0	87.4
2004	15	75.5	76.7	91.5	106.2	0.0	87.9
2005	29	72.7	75.4	92.1	105.8	0.0	87.0
2006	16	73.8	75.8	92.4	105.7	0.0	87.5
2007	12	73.4	76.8	92.9	106.6	0.0	88.3
2008	11	73.8	75.8	92.4	105.6	0.0	87.5
2010	12	74.7	76.0	94.2	106.0	0.0	88.8
2012	12	75.5	77.1	95.4	105.9	0.0	90.1

Tabel: 166 Jersey: Vruchtbaarheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	107	104.4	108.3	109.7	109.5	105.7	98.0	79.5	109.9
1981	163	104.5	108.4	109.9	109.6	105.7	97.9	79.6	110.0
1982	225	104.4	108.7	109.9	109.8	105.8	97.7	78.1	110.1
1983	216	104.6	108.6	109.7	109.6	105.9	97.7	77.7	109.9
1984	307	104.7	108.6	110.1	109.7	106.0	97.9	78.3	110.1
1985	234	104.7	109.0	110.4	110.1	106.2	98.3	78.6	110.5
1986	308	104.7	108.5	109.8	109.6	106.1	97.9	78.9	110.0
1987	345	103.9	108.3	109.8	109.3	105.5	97.8	81.2	109.8
1988	388	103.5	108.2	109.5	109.1	105.1	97.6	81.9	109.6
1989	281	104.0	107.8	108.9	108.7	105.4	97.2	80.0	109.0
1990	421	103.8	107.6	108.7	108.5	105.1	96.8	80.2	108.8
1991	197	103.8	106.7	107.7	107.3	104.8	97.2	79.3	107.7
1992	265	103.2	106.4	107.7	107.1	104.4	97.2	82.1	107.6
1993	182	103.5	105.0	106.9	105.8	104.2	97.7	83.4	106.6
1994	222	103.1	105.0	106.9	105.9	104.0	97.8	84.2	106.7
1995	192	102.8	104.6	106.3	105.4	103.7	97.8	84.7	106.1
1996	215	102.9	104.5	106.5	105.3	103.7	97.6	85.0	106.1
1997	247	102.3	105.0	106.4	105.5	103.5	97.3	85.6	106.2
1998	263	102.4	105.0	106.4	105.5	103.7	97.3	85.6	106.2
1999	356	102.6	103.9	106.2	104.8	103.5	97.0	86.1	105.7
2000	310	102.4	103.7	105.9	104.5	103.3	97.1	86.6	105.4
2001	316	101.9	103.8	105.6	104.4	102.9	96.8	86.8	105.3
2002	329	101.3	103.5	105.1	104.0	102.2	96.1	87.0	104.8
2003	368	101.2	103.3	105.1	103.8	102.0	95.9	86.9	104.7
2004	454	100.9	103.0	104.8	103.4	101.7	95.3	87.2	104.3
2005	470	101.4	104.5	106.3	105.0	102.7	95.8	86.8	105.9
2006	600	101.2	104.4	106.2	104.9	102.5	95.6	87.0	105.8
2007	612	101.0	103.4	105.9	104.0	102.2	95.4	86.5	105.2
2008	654	101.0	103.3	105.7	103.8	102.1	95.5	86.9	105.0
2009	820	100.9	103.4	105.6	104.0	101.9	95.3	88.0	105.0
2010	764	100.9	103.5	105.5	104.1	102.1	95.3	87.5	105.0
2011	905	101.0	103.4	105.5	104.0	102.2	95.3	87.6	105.0
2012	806	100.8	103.2	105.0	103.7	102.0	94.8	87.5	104.6
2013	1444	101.2	102.8	104.8	103.3	102.2	94.7	86.7	104.3
2014	964	101.3	103.2	105.2	103.7	102.5	94.9	87.0	104.7
2015	688	100.9	103.4	105.1	103.8	102.4	95.0	88.4	104.7
2016	76	101.1	103.2	105.3	103.9	102.4	95.2	88.6	104.9

Tabel: 167 Jersey: Gebruikskkenmerken

Basis: Melkdoel rood
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1986	14	99.9	64.5	99.5	99.8	100.4
1987	12	100.8	75.8	99.4	99.8	100.6
1988	11	101.0	55.5	99.2	100.3	100.6
1989	11	100.1	82.1	99.7	100.3	99.9
1990	12	99.6	91.2	100.2	100.7	100.2
1991	11	100.1	83.4	99.6	99.6	99.6
1992	10	100.5	81.1	98.9	99.0	99.4
1993	17	100.5	77.1	98.4	98.1	99.0
1994	17	100.2	70.8	98.6	98.5	99.2
1998	11	100.7	82.3	98.1	97.6	99.1
1999	11	102.9	101.6	98.1	97.7	99.0
2000	15	102.5	101.7	98.0	97.6	98.7
2002	14	101.3	50.3	98.2	98.2	99.1
2004	13	100.5	62.9	98.9	99.6	99.9
2005	29	101.4	42.3	99.0	99.5	99.9
2006	15	100.5	47.5	99.0	99.8	100.2
2012	12	102.1	101.5	99.9	99.4	99.6

Tabel: 168 Jersey: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	57	-182.9	-581.2	-273.7	100.4	109.9	89.2	102.5	100.2
1981	73	-194.8	-612.4	-297.9	100.8	110.0	90.3	103.5	99.3
1982	102	-189.9	-594.6	-323.1	100.8	110.1	89.6	104.0	100.1
1983	90	-197.3	-598.2	-378.4	100.3	109.9	89.8	105.3	99.8
1984	178	-213.6	-613.6	-503.9	100.3	110.1	90.1	104.5	100.1
1985	158	-132.7	-633.6	-576.6	100.2	110.5	89.4	104.5	99.7
1986	215	-133.9	-613.9	-602.0	100.1	110.0	90.7	105.6	99.4
1987	304	-139.9	-620.0	-524.0	100.3	109.8	89.7	105.0	99.2
1988	344	-145.0	-599.9	-480.9	100.5	109.6	91.0	104.2	99.4
1989	249	-128.5	-583.0	-448.5	100.1	109.0	89.7	105.5	99.9
1990	388	-121.8	-584.9	-438.1	100.4	108.8	89.3	105.6	99.8
1991	168	-108.4	-548.8	-354.9	99.6	107.7	91.1	105.8	99.1
1992	244	-103.1	-526.3	-318.8	99.1	107.6	91.1	108.1	99.1
1993	174	-85.7	-467.6	-287.6	98.4	106.6	91.8	108.5	98.6
1994	200	-70.4	-436.4	-200.8	98.8	106.7	91.7	107.5	98.6
1995	189	-69.8	-439.0	-194.1	98.5	106.1	91.1	108.1	98.8
1996	194	-72.7	-443.7	-176.9	99.2	106.1	91.2	105.5	98.9
1997	240	-68.7	-433.5	-199.9	98.7	106.2	92.0	106.0	99.2
1998	231	-62.9	-406.8	-229.8	98.3	106.2	90.4	107.1	99.7
1999	312	-38.9	-351.2	-166.2	98.4	105.7	92.3	107.6	99.5
2000	269	-23.2	-319.9	-148.1	98.1	105.4	91.5	106.5	99.8
2001	267	-24.9	-324.0	-153.4	98.3	105.3	91.2	105.1	100.4
2002	310	-22.3	-307.2	-164.0	98.6	104.8	90.6	106.3	100.4
2003	354	-10.7	-296.3	-94.4	98.9	104.7	91.4	105.8	100.6
2004	448	14.1	-259.8	13.3	99.8	104.3	91.5	106.2	99.9
2005	473	38.4	-255.0	100.6	99.7	105.9	92.1	105.8	99.0
2006	609	49.8	-243.4	149.4	100.1	105.8	92.4	105.7	99.2
2007	630	52.8	-223.7	157.0	100.3	105.2	92.9	106.6	99.4
2008	706	42.9	-232.0	138.5	99.9	105.0	92.4	105.6	99.4
2009	857	36.6	-236.5	133.1	99.1	105.0	93.0	104.7	99.2
2010	783	53.7	-219.7	162.8	99.5	105.0	94.2	106.0	100.2
2011	894	60.6	-215.3	185.6	99.7	105.0	92.3	107.7	100.6
2012	792	57.6	-218.0	172.3	99.4	104.6	95.4	105.9	101.1

2013	1393	59.1	-213.6	155.9	99.7	104.3	95.2	106.4	101.0
2014	899	63.5	-203.2	141.5	99.4	104.7	97.0	112.0	101.1
2015	553	77.5	-175.7	208.1	98.8	104.7	94.5	105.5	101.9
2016	80	93.6	-174.1	257.1	100.3	104.9	0.0	0.0	102.1

Tabel: 169 Jersey: Klauwgezondheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2004	13	107.8	110.1	104.4	104.7	101.2	105.9	97.9
2005	10	105.8	109.1	103.4	103.1	99.6	104.4	97.0
2006	10	108.9	109.8	105.6	106.9	99.4	107.1	97.0
2012	18	108.8	111.1	105.1	105.7	100.6	106.8	97.3
2013	111	108.7	110.8	105.3	105.6	100.5	106.9	97.4
2014	83	109.4	111.0	105.7	106.1	100.9	107.5	97.5

Tabel: 170 Jersey: Levensvatbaarheidskkenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1981	10	99.5	97.1	99.5	97.1	94.1	102.0
1982	24	101.3	97.8	101.3	97.8	94.5	101.7
1983	23	101.0	97.3	101.0	97.3	94.3	101.7
1984	42	101.1	97.7	101.1	97.7	94.4	101.5
1985	30	101.2	97.2	101.2	97.2	94.1	101.4
1986	48	100.7	98.1	100.7	98.1	94.0	101.8
1987	65	99.1	98.3	99.1	98.3	92.5	101.8
1988	80	100.0	97.5	100.0	97.5	93.5	102.8
1989	90	101.0	97.4	101.0	97.4	94.3	102.9
1990	131	101.1	97.3	101.1	97.3	94.4	102.8
1991	91	100.0	97.4	100.0	97.4	93.1	101.8
1992	99	99.4	98.0	99.4	98.0	92.2	103.1
1993	155	98.7	97.7	98.7	97.7	91.5	102.9
1994	184	98.5	98.1	98.5	98.1	91.8	102.7
1995	180	99.0	98.2	99.0	98.2	92.0	102.8
1996	166	98.9	98.2	98.9	98.2	91.9	103.0
1997	160	99.3	98.5	99.3	98.5	92.5	103.0
1998	208	100.1	98.6	100.1	98.6	93.1	102.8
1999	269	99.3	98.8	99.3	98.8	92.2	103.4
2000	270	99.4	99.1	99.4	99.1	92.4	103.6
2001	269	99.9	99.3	99.9	99.3	93.3	103.3
2002	289	99.9	99.3	99.9	99.3	93.6	103.1
2003	332	99.9	99.7	99.9	99.7	94.2	103.2
2004	378	99.1	99.4	99.1	99.4	93.6	102.9
2005	392	98.3	98.6	98.3	98.6	93.0	102.7
2006	441	98.4	98.6	98.4	98.6	93.0	102.5
2007	451	97.9	99.1	97.9	99.1	93.0	102.7
2008	467	97.7	99.4	97.7	99.4	92.5	102.3
2009	518	97.6	99.3	97.6	99.3	92.3	102.8
2010	482	98.4	100.0	98.4	100.0	92.5	103.4
2011	523	98.9	99.9	98.9	99.9	92.7	103.3
2012	551	99.3	100.4	99.3	100.4	92.9	103.8
2013	821	99.4	100.2	99.4	100.2	93.0	103.8
2014	567	99.3	100.3	99.3	100.3	92.7	103.9
2015	600	100.5	100.4	100.5	100.4	94.0	104.1
2016	510	100.7	95.5	100.7	95.5	94.0	98.7

2017	564	100.8	88.2	100.8	88.2	94.3	91.1
2018	87	100.6	86.1	100.6	86.1	94.1	88.9

Tabel: 171 Jersey: Geboortekenenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1982	21	122.5	107.6	62.9	46.1	40.5	38.6
1983	23	121.6	106.7	64.1	16.9	14.7	14.0
1984	29	122.5	107.2	63.0	50.2	44.1	41.6
1985	26	121.6	106.9	64.2	34.0	29.2	27.6
1986	26	120.6	106.8	65.8	33.7	29.7	28.3
1987	31	120.6	107.5	65.1	31.3	27.8	26.3
1988	25	119.7	107.0	66.3	7.7	6.7	6.7
1989	40	120.7	106.5	65.3	12.2	10.6	10.0
1990	45	121.0	106.4	65.0	6.6	5.6	5.5
1991	30	120.0	106.9	66.3	23.0	19.6	18.7
1992	34	120.7	106.8	65.0	60.9	52.1	49.7
1993	36	120.2	106.4	66.0	57.9	48.9	46.9
1994	58	120.0	106.6	66.4	52.8	45.1	43.1
1995	43	119.9	106.6	66.6	36.8	31.3	30.0
1996	44	120.5	106.7	65.9	49.6	42.0	40.0
1997	42	119.3	106.7	67.0	42.6	36.4	34.4
1998	77	117.5	106.3	69.7	44.9	38.4	37.1
1999	84	116.8	105.7	71.5	72.0	63.5	59.9
2000	101	118.2	105.7	69.0	73.5	63.7	60.7
2001	92	118.0	106.1	69.6	71.8	62.6	59.7
2002	92	116.4	105.4	72.0	53.6	47.0	44.8
2003	114	116.1	105.1	72.6	49.2	43.1	41.5
2004	182	115.7	106.0	72.9	69.9	62.4	59.8
2005	164	116.5	106.2	71.8	80.5	72.2	69.0
2006	179	116.6	106.0	71.4	72.1	64.3	61.4
2007	206	115.7	105.9	73.1	65.5	58.5	55.7
2008	200	115.7	106.2	72.4	60.9	54.2	52.0
2009	282	115.2	106.4	73.2	61.6	54.9	52.4
2010	198	115.8	106.3	72.4	61.3	54.5	51.9
2011	270	116.1	106.0	72.0	68.7	61.1	57.9
2012	229	114.9	105.9	73.3	61.7	54.9	52.1
2013	307	114.9	106.2	73.1	60.5	53.4	50.9
2014	201	115.0	105.3	73.0	45.6	40.2	38.0
2015	83	114.8	104.7	73.2	40.4	35.3	33.0
2016	77	114.2	104.5	74.0	6.4	5.5	5.3
2017	45	113.2	106.2	74.5	6.6	5.9	5.9
2018	12	114.1	104.4	74.1	16.5	14.3	13.8

Tabel: 172 Jersey: Kalvervitaliteit
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	23	89.4	88.7	101.1
1983	13	89.6	88.9	101.0
1984	34	89.8	89.3	101.0
1985	12	90.3	89.8	100.8
1986	27	90.6	90.2	100.8
1987	56	90.6	90.3	100.1
1988	33	91.1	90.7	100.3

1989	49	91.3	90.6	100.3
1990	58	91.9	91.3	100.3
1991	44	91.6	91.2	100.0
1992	67	90.2	89.9	100.3
1993	130	90.1	89.8	100.3
1994	158	90.1	89.8	100.3
1995	162	90.1	89.8	100.2
1996	157	89.7	89.4	100.4
1997	135	90.4	90.1	100.6
1998	198	90.9	90.6	100.2
1999	265	89.7	89.6	100.3
2000	250	89.1	88.9	99.9
2001	248	89.6	89.3	99.6
2002	265	89.9	89.6	100.2
2003	294	90.9	90.6	100.2
2004	332	89.8	89.4	100.2
2005	375	89.3	88.7	100.5
2006	410	89.8	89.1	100.6
2007	393	89.4	89.0	100.5
2008	391	89.2	88.9	100.3
2009	438	89.4	89.2	100.5
2010	423	89.6	89.3	101.0
2011	485	88.8	88.3	101.2
2012	525	88.7	88.2	101.2
2013	757	88.1	87.7	101.4
2014	535	87.9	87.4	101.5
2015	737	89.4	89.0	101.4
2016	547	89.6	89.1	101.3
2017	477	90.1	89.7	101.2
2018	53	90.8	90.5	101.0

Tabel: 173 Jersey: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	252	-2144.4	-12650.8	-252.3	-350.4
2002	295	-2140.8	-12501.7	-259.7	-346.4
2003	331	-1747.6	-11239.0	-180.2	-295.7
2004	416	-1023.8	-8694.1	-56.9	-191.1
2005	440	-493.0	-6993.7	46.9	-120.6
2006	551	-193.0	-5962.5	113.8	-85.3
2007	584	-89.0	-5858.4	131.2	-69.3
2008	635	-229.1	-6112.7	104.5	-88.9
2009	812	-259.3	-6334.3	99.7	-93.1
2010	745	-33.7	-5429.4	139.9	-61.8
2011	866	114.6	-5044.3	172.9	-43.8
2012	782	16.9	-5674.6	155.7	-56.7
2013	1391	-56.4	-6097.1	147.4	-69.1
2014	906	-90.8	-6175.9	142.9	-74.9
2015	550	407.6	-4468.9	227.7	-2.5
2016	81	696.5	-3280.1	280.2	37.2

Tabel: 174 Jersey: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
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1992	13	96.5	101.9	102.6
1993	16	95.5	102.5	102.9
1994	22	96.0	102.1	102.8
1998	11	95.0	102.2	103.3
1999	46	95.5	103.8	104.0
2000	25	96.0	103.2	103.9
2001	20	95.8	103.1	104.0
2002	25	95.3	102.4	102.4
2003	42	95.1	101.7	103.5
2004	69	94.3	102.0	104.7
2005	64	93.7	102.1	106.0
2006	100	94.0	101.5	106.1
2007	101	93.6	102.7	105.0
2008	95	94.4	102.1	104.5
2009	190	94.5	102.2	105.1
2010	123	94.0	102.1	105.2
2011	144	93.5	102.5	105.3
2012	174	93.9	102.3	105.4
2013	161	93.8	101.9	105.7
2014	183	93.3	102.3	105.8
2015	157	95.1	100.6	105.8
2016	17	93.9	102.2	105.0

Tabel: 175 Jersey: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	58	102.8	96.8	0	0.0	0	0.0
1981	82	102.2	96.8	0	0.0	0	0.0
1982	106	102.0	97.1	0	0.0	0	0.0
1983	100	102.3	96.9	0	0.0	0	0.0
1984	191	102.6	96.8	0	0.0	0	0.0
1985	174	102.4	96.8	52	-8.6	0	0.0
1986	240	102.0	96.8	98	-7.8	0	0.0
1987	313	102.3	97.1	115	-7.5	0	0.0
1988	352	103.1	95.7	152	-6.4	0	0.0
1989	251	104.0	96.4	71	-6.5	0	0.0
1990	394	103.9	96.7	69	-6.7	0	0.0
1991	168	104.2	96.8	20	-9.3	0	0.0
1992	246	104.0	96.4	43	-7.2	0	0.0
1993	175	104.6	96.1	22	-9.0	0	0.0
1994	200	105.0	96.5	29	-7.9	0	0.0
1995	193	104.6	95.7	20	-8.4	0	0.0
1996	195	104.8	96.2	18	-7.9	0	0.0
1997	240	104.8	95.9	16	-6.6	0	0.0
1998	231	103.2	95.2	18	-8.9	0	0.0
1999	313	103.9	95.5	18	-7.5	0	0.0
2000	269	103.7	95.1	20	-8.3	0	0.0
2001	270	103.4	94.9	16	-7.5	10	55.4
2002	311	103.5	95.5	24	-9.0	22	55.0
2003	357	103.9	95.9	16	-8.4	13	56.8
2004	449	105.5	96.0	17	-8.0	15	58.1
2005	473	105.4	96.6	30	-7.4	29	62.0
2006	609	105.4	97.1	16	-7.7	16	61.7
2007	633	105.6	96.3	14	-7.7	12	59.9
2008	707	105.6	95.4	12	-8.3	11	57.4
2009	860	106.5	96.3	6	-6.3	3	56.7
2010	786	106.1	96.7	19	-6.4	12	56.7
2011	897	106.5	96.4	8	-5.0	3	61.0
2012	794	107.0	96.2	16	-5.6	12	64.8

2013	1395	106.9	96.4	9	-5.5	5	66.2
2014	899	107.0	96.5	2	-4.2	1	68.0
2015	553	106.9	95.9	6	-3.3	2	65.0
2016	80	106.7	96.6	0	0.0	0	0.0

Tabel: 176 Lakenvelder - zwartbont: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1991	13	-1952.4	-94.2	-80.7	-98.5	-17.2	-19.5	-19.4	-558.5
1992	11	-1905.4	-98.4	-81.2	-96.5	-31.4	-24.4	-19.5	-568.5
1994	11	-1990.9	-97.9	-82.4	-100.4	-21.7	-20.9	-19.9	-573.5
1995	11	-2289.1	-105.4	-89.8	-114.1	-8.2	-12.9	-21.4	-623.9
1996	11	-2206.0	-103.8	-85.3	-110.1	-12.3	-8.5	-20.6	-600.5
1997	27	-2341.7	-112.1	-91.4	-116.6	-18.4	-11.8	-21.8	-645.3
1998	12	-2272.8	-110.0	-89.7	-113.5	-21.5	-13.8	-21.5	-632.8
2000	15	-2305.5	-111.3	-91.4	-114.8	-21.7	-16.1	-21.4	-642.9
2001	12	-1872.0	-91.8	-82.0	-90.7	-18.2	-28.7	-9.7	-556.3
2003	12	-2272.2	-109.1	-88.8	-105.6	-18.2	-10.5	-2.3	-624.8

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 177 Lakenvelder - zwartbont: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1987	11	100.3	104.5	101.7	103.5	102.6	100.1	96.4	102.7
1988	14	100.4	105.1	101.8	103.6	102.7	99.4	95.1	102.9
1989	11	100.6	104.4	101.7	103.3	102.7	99.8	93.3	102.7
1990	32	100.2	104.0	100.8	102.5	102.0	99.5	94.5	101.8
1991	30	99.9	105.4	102.0	103.9	102.5	99.9	95.1	103.0
1992	54	100.6	104.4	101.5	103.0	102.5	99.9	94.3	102.4
1993	35	100.6	104.4	101.5	103.2	102.6	99.9	94.7	102.4
1994	31	100.5	105.4	102.2	104.1	103.0	100.2	94.7	103.3
1995	43	100.7	104.2	101.3	103.0	102.7	99.7	93.6	102.3
1996	80	100.2	105.3	101.9	103.9	102.6	99.5	94.0	103.1
1997	102	100.8	104.4	101.6	103.2	102.8	99.7	93.9	102.6
1998	109	100.4	104.7	101.4	103.2	102.5	99.2	93.8	102.4
1999	132	100.3	104.3	101.1	102.8	102.4	99.3	93.3	102.1
2000	127	100.5	104.7	101.3	103.3	102.6	99.4	93.9	102.5
2001	124	100.4	105.1	101.8	103.7	102.8	99.1	93.6	102.9
2002	141	100.2	104.8	101.2	103.3	102.5	98.9	93.2	102.4
2003	119	100.1	105.2	101.6	103.6	102.5	99.3	94.0	102.7
2004	84	100.1	105.2	101.5	103.6	102.5	99.1	93.9	102.7
2005	102	99.9	105.4	101.5	103.7	102.4	99.2	94.3	102.8
2006	68	99.9	105.1	101.3	103.5	102.4	98.8	94.1	102.6
2007	51	100.2	104.8	101.2	103.3	102.4	98.9	94.0	102.3
2008	57	100.2	105.0	101.3	103.5	102.5	99.0	94.2	102.6
2009	48	99.7	104.6	100.8	102.9	102.0	98.8	94.0	102.1
2010	33	100.0	104.8	100.9	103.0	102.1	98.8	94.1	102.0
2011	37	99.8	105.1	101.3	103.4	102.3	98.6	93.9	102.5
2012	39	99.4	105.2	100.8	103.3	101.9	98.5	94.0	102.3
2013	35	99.3	105.1	100.8	103.1	102.0	98.7	93.8	102.1
2014	16	99.0	105.0	100.8	102.9	101.9	98.8	93.0	102.1
2015	19	99.7	105.5	101.2	103.3	102.3	99.2	93.5	102.4

Tabel: 178 Lakenvelder - zwartbont: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1991	11	-189.5	-558.5	-444.2	105.2	103.0	0.0	0.0	98.0
1992	10	-264.6	-568.5	-233.9	101.1	102.4	93.0	95.0	98.0
1994	10	-185.1	-573.5	-163.7	103.3	103.3	0.0	0.0	96.5
1997	25	-276.4	-645.3	-526.1	102.5	102.6	93.0	94.5	98.9
1998	12	-267.2	-632.8	-410.6	102.6	102.4	0.0	0.0	98.5
2000	15	-241.2	-642.9	-371.4	102.7	102.5	92.0	93.0	98.7
2001	12	-249.2	-556.3	-416.7	103.5	102.9	92.0	95.0	99.6
2003	11	-242.8	-624.8	-306.5	103.8	102.7	0.0	0.0	98.3

Tabel: 179 Lakenvelder - zwartbont: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1997	18	103.8	96.6	103.8	96.6	104.2	99.7
1998	23	104.4	95.9	104.4	95.9	104.8	99.7
1999	36	105.4	95.5	105.4	95.5	105.6	99.1
2000	45	104.7	93.4	104.7	93.4	105.2	97.0
2001	59	104.7	76.7	104.7	76.7	104.9	79.5
2002	57	104.7	89.2	104.7	89.2	105.0	92.5
2003	42	104.6	90.5	104.6	90.5	104.6	94.4
2004	51	103.8	91.5	103.8	91.5	103.9	95.1
2005	73	104.2	95.5	104.2	95.5	104.3	99.2
2006	44	103.9	95.9	103.9	95.9	104.2	99.3
2007	30	103.9	96.7	103.9	96.7	104.3	99.8
2008	36	104.9	96.5	104.9	96.5	104.9	99.7
2009	32	104.2	96.7	104.2	96.7	104.5	99.7
2010	26	105.0	96.3	105.0	96.3	105.1	99.7
2011	32	104.2	96.8	104.2	96.8	104.8	99.7
2012	32	104.6	96.8	104.6	96.8	104.8	99.8
2013	32	104.7	96.7	104.7	96.7	105.0	99.7
2014	25	105.3	96.6	105.3	96.6	105.3	99.6
2015	25	105.0	96.6	105.0	96.6	105.1	99.8
2016	23	106.4	96.8	106.4	96.8	106.2	100.2
2017	12	107.2	88.0	107.2	88.0	106.8	91.6

Tabel: 180 Lakenvelder - zwartbont: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1991	10	101.0	105.0	96.8	0.0	0.0	0.0
1993	12	101.1	104.4	96.7	0.0	0.0	0.0
1996	17	100.9	105.2	97.0	0.0	0.0	0.0
1997	23	101.4	105.1	96.5	17.1	16.9	15.9
1998	19	102.5	104.0	95.2	31.4	30.4	27.8
1999	31	100.6	105.2	97.2	38.0	37.0	34.8
2000	46	101.2	105.1	96.4	61.5	61.0	56.5
2001	35	100.9	105.3	96.8	58.4	58.1	53.2
2002	38	100.4	104.3	97.3	66.6	66.3	60.5
2003	34	100.9	104.1	96.8	57.6	56.7	53.1

2004	30	102.2	105.1	95.5	65.4	64.6	61.3
2005	39	103.1	103.8	94.5	80.1	79.2	74.3
2006	32	101.7	103.8	95.8	63.8	63.4	58.6
2007	32	102.8	104.8	94.9	76.8	76.1	71.1
2008	38	102.2	104.8	95.4	69.2	68.9	65.6
2009	32	103.1	104.6	94.5	70.4	69.7	65.7
2010	30	101.8	105.4	95.9	52.2	51.7	48.5
2011	36	103.2	104.4	94.3	40.8	40.0	37.8
2012	26	102.7	105.3	94.9	67.6	67.1	63.1
2013	25	104.5	104.2	93.2	62.4	61.7	59.4
2014	18	102.2	104.3	95.3	81.2	80.3	74.9
2015	19	102.8	102.8	94.8	72.3	70.9	65.9
2016	10	104.2	105.4	93.6	78.7	76.7	74.5

Tabel: 181 Lakenvelder - zwartbont: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1997	32	104.5	99.7	101.8
1998	27	105.2	100.3	101.9
1999	41	104.8	100.3	101.8
2000	69	104.6	99.9	101.8
2001	62	104.4	99.8	101.8
2002	64	104.1	99.4	101.8
2003	56	104.1	99.5	101.5
2004	59	104.2	99.4	101.4
2005	93	104.2	99.4	101.5
2006	59	104.1	99.6	101.5
2007	34	104.9	100.2	101.6
2008	43	105.0	100.4	101.9
2009	39	104.7	100.0	102.1
2010	30	104.8	100.1	102.0
2011	32	104.3	99.7	101.8
2012	33	104.7	100.1	102.0
2013	32	104.5	99.8	102.0
2014	31	104.9	100.3	102.0
2015	24	104.9	100.3	101.8
2016	27	106.3	101.7	102.4
2017	13	107.4	102.7	102.2

Tabel: 182 Lakenvelder - zwartbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	12	-4440.7	-16106.7	-781.7	-629.0
2003	11	-4365.8	-16122.1	-778.5	-611.3

Tabel: 183 Lakenvelder - zwartbont: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1991	13	101.0	100.6	13	-5.2	0	0.0

1992	11	101.4	100.7	11	-5.9	0	0.0
1994	11	102.9	101.2	11	-5.5	0	0.0
1995	11	98.9	98.5	11	-5.3	0	0.0
1996	11	100.5	100.8	13	-4.7	0	0.0
1997	27	100.5	100.1	31	-5.1	0	0.0
1998	12	98.0	97.3	12	-5.2	0	0.0
2000	15	100.9	100.3	17	-5.7	0	0.0
2001	12	100.7	99.0	8	-4.5	2	86.0
2003	12	101.8	103.8	11	-5.2	0	0.0

Tabel: 184 Lakenvelder - roodbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1988	11	-1594.7	-77.4	-70.4	-82.4	-13.5	-23.7	-18.8	-475.8
1989	10	-1927.3	-92.2	-77.8	-97.5	-14.1	-14.7	-19.8	-541.8
1990	10	-1818.3	-87.5	-73.9	-92.5	-14.5	-15.0	-19.3	-514.6
1992	14	-2053.3	-101.2	-83.2	-103.2	-22.4	-16.9	-20.1	-584.6
1994	14	-2059.6	-101.8	-84.5	-103.6	-23.6	-20.0	-20.3	-591.2
1996	11	-2227.6	-111.0	-90.8	-111.2	-29.1	-21.6	-20.6	-638.7
1997	15	-2392.3	-110.9	-94.6	-118.8	-8.7	-15.3	-22.0	-656.1
1998	22	-1910.2	-91.1	-80.6	-96.8	-13.0	-22.1	-20.0	-551.1
1999	11	-2073.6	-99.9	-83.3	-104.3	-17.9	-15.4	-20.5	-582.5
2000	20	-2187.2	-110.7	-90.8	-108.3	-31.6	-23.6	-18.0	-637.3
2002	12	-2013.8	-105.2	-84.7	-100.2	-36.3	-24.3	-17.2	-598.1

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 185 Lakenvelder - roodbont: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1988	12	100.4	103.3	100.1	102.1	101.6	99.7	95.7	101.2
1989	13	99.7	104.8	101.2	103.4	101.9	99.8	96.5	102.5
1990	25	100.1	105.0	101.6	103.6	102.3	99.7	94.6	102.8
1991	27	100.6	105.2	102.0	104.0	102.9	100.2	96.1	103.1
1992	40	100.6	105.2	101.9	104.0	102.9	100.0	95.0	103.1
1993	37	100.7	105.6	102.4	104.4	103.1	100.3	95.8	103.7
1994	52	100.5	104.8	101.7	103.6	102.7	100.2	94.6	102.8
1995	47	100.4	105.4	101.9	103.9	102.7	99.9	94.8	103.2
1996	61	100.2	106.0	102.2	104.3	102.9	99.8	95.2	103.5
1997	93	100.3	105.6	102.1	104.2	102.7	99.9	95.7	103.4
1998	116	100.3	105.6	102.2	104.2	102.8	99.7	94.9	103.5
1999	119	100.3	105.4	101.9	104.1	102.7	99.6	94.4	103.2
2000	153	99.7	105.8	101.7	104.1	102.5	99.3	94.8	103.2
2001	146	99.9	105.9	102.0	104.3	102.6	99.1	94.1	103.3
2002	149	99.9	105.5	101.6	103.9	102.4	98.6	93.4	103.0
2003	147	99.6	106.3	102.0	104.4	102.6	98.8	94.2	103.4
2004	148	99.9	105.6	101.6	104.0	102.4	98.5	93.2	103.0
2005	124	99.9	105.8	101.8	104.1	102.5	98.6	93.9	103.2
2006	103	100.2	105.0	101.3	103.4	102.3	98.3	92.4	102.5
2007	56	100.0	105.4	101.5	103.7	102.3	98.4	93.4	102.8
2008	52	100.1	105.0	101.2	103.4	102.1	98.3	92.8	102.5
2009	52	99.8	105.6	101.5	103.8	102.4	98.1	93.2	102.8
2010	54	100.1	105.3	101.6	103.7	102.5	98.1	92.7	102.9
2011	44	100.1	104.6	101.2	103.1	102.3	98.2	92.2	102.3
2012	47	100.0	104.9	101.1	103.2	102.1	97.8	91.6	102.3

2013	34	99.8	105.4	101.5	103.8	102.3	97.8	92.4	102.8
2014	33	99.7	105.1	101.3	103.4	102.1	97.8	92.4	102.5
2015	22	99.6	105.3	101.4	103.5	101.9	97.6	92.4	102.5

Tabel: 186 Lakenvelder - roodbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1988	10	-192.8	-475.8	-349.0	104.9	101.2	90.5	95.5	94.7
1990	10	-191.4	-514.6	-484.5	103.6	102.8	0.0	0.0	97.0
1992	14	-217.0	-584.6	-314.7	104.7	103.1	91.0	95.5	96.9
1994	12	-206.7	-591.2	-397.4	104.5	102.8	93.0	94.0	95.7
1996	11	-260.0	-638.7	-393.5	103.8	103.5	92.0	93.0	97.9
1997	13	-261.7	-656.1	-467.8	103.7	103.4	0.0	0.0	97.8
1998	21	-222.5	-551.1	-417.4	102.7	103.5	92.0	95.0	98.8
1999	10	-245.7	-582.5	-453.5	103.8	103.2	0.0	0.0	98.5
2000	20	-238.7	-637.3	-359.9	104.0	103.2	0.0	0.0	97.9
2002	12	-224.3	-598.1	-420.0	104.7	103.0	0.0	0.0	98.7

Tabel: 187 Lakenvelder - roodbont: Levensvatbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1995	15	103.4	95.4	103.4	95.4	103.7	99.1
1996	28	103.4	95.5	103.4	95.5	104.0	99.5
1997	35	103.0	96.2	103.0	96.2	103.7	99.5
1998	58	103.3	96.5	103.3	96.5	103.9	99.7
1999	56	103.5	95.9	103.5	95.9	104.0	99.4
2000	84	103.8	94.8	103.8	94.8	104.0	99.0
2001	71	103.5	91.6	103.5	91.6	103.9	95.3
2002	82	103.6	93.7	103.6	93.7	103.9	97.3
2003	110	103.4	95.5	103.4	95.5	103.8	99.4
2004	109	103.8	96.2	103.8	96.2	104.4	99.7
2005	99	103.9	96.1	103.9	96.1	104.4	99.6
2006	73	104.1	96.3	104.1	96.3	104.4	99.7
2007	39	103.6	96.0	103.6	96.0	104.0	99.8
2008	44	103.9	96.5	103.9	96.5	104.4	99.9
2009	38	103.6	96.4	103.6	96.4	104.1	99.8
2010	45	103.6	96.8	103.6	96.8	104.2	99.9
2011	40	103.7	96.8	103.7	96.8	104.4	100.0
2012	36	103.9	96.8	103.9	96.8	104.4	99.9
2013	32	103.6	96.9	103.6	96.9	104.1	100.1
2014	34	104.9	96.7	104.9	96.7	105.1	99.9
2015	27	106.4	92.8	106.4	92.8	106.1	96.4
2016	23	107.1	96.4	107.1	96.4	106.7	100.1
2017	18	106.8	96.6	106.8	96.6	106.7	100.3

Tabel: 188 Lakenvelder - roodbont: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1992	12	101.1	104.8	96.8	8.0	8.0	7.4

1993	14	100.2	105.7	97.4	6.9	7.0	6.5
1994	10	101.0	104.9	96.9	0.0	0.0	0.0
1995	14	101.6	105.2	96.0	27.9	27.5	26.1
1996	31	102.1	104.3	95.6	15.9	15.4	14.3
1997	31	100.8	105.3	96.5	28.7	27.9	25.8
1998	34	102.7	104.1	95.1	28.9	28.7	26.5
1999	30	101.1	104.7	96.8	39.1	38.2	36.6
2000	50	100.5	104.3	96.9	72.2	70.5	66.6
2001	47	100.9	104.2	96.8	77.0	75.3	70.4
2002	43	101.1	104.5	96.4	77.4	75.7	70.4
2003	54	101.4	104.5	96.0	81.5	80.0	74.0
2004	49	102.0	104.6	95.3	77.7	76.7	71.6
2005	52	102.6	104.5	94.8	84.6	83.4	77.7
2006	35	103.1	104.1	94.1	86.8	85.1	78.9
2007	40	102.6	103.3	94.6	97.5	96.1	89.4
2008	44	103.3	103.9	94.0	90.9	90.4	83.0
2009	45	103.0	103.8	94.4	75.8	75.2	69.2
2010	50	103.3	103.3	94.0	87.7	87.1	79.9
2011	39	103.2	103.1	94.0	85.0	84.1	78.0
2012	37	104.5	103.2	93.1	87.4	86.2	78.9
2013	34	103.3	103.1	93.9	77.3	76.9	70.7
2014	27	102.9	104.3	94.6	72.0	71.8	66.9
2015	19	102.5	106.2	95.0	66.3	66.3	62.8
2016	19	103.0	105.2	94.6	61.1	60.9	58.0
2017	21	102.5	104.5	95.1	50.5	50.7	47.6

Tabel: 189 Lakenvelder - roodbont: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	15	103.6	98.9	101.3
1993	12	103.0	98.4	101.4
1994	15	103.2	98.7	101.6
1995	24	103.2	98.5	101.7
1996	39	103.3	98.7	101.5
1997	60	103.6	99.1	101.8
1998	83	103.6	99.2	101.6
1999	89	104.1	99.5	101.4
2000	115	104.2	99.6	101.4
2001	113	104.1	99.4	101.3
2002	111	103.6	99.0	101.4
2003	156	103.8	99.2	101.3
2004	159	103.9	99.4	101.4
2005	130	104.0	99.4	101.4
2006	121	104.0	99.4	101.4
2007	59	103.4	98.8	101.5
2008	60	103.5	99.2	101.5
2009	51	103.5	99.1	101.3
2010	62	103.5	99.0	101.4
2011	50	103.5	98.9	101.5
2012	47	103.6	99.2	101.7
2013	39	103.8	99.5	101.6
2014	33	105.3	100.8	101.8
2015	33	106.4	102.0	102.2
2016	27	106.4	101.9	102.0
2017	26	106.4	101.8	102.1

Tabel: 190 Lakenvelder - roodbont: Levensproductiekenmerken

Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	16	-3620.8	-12534.9	-656.0	-505.8
2005	12	-5110.2	-18890.8	-912.8	-716.8

Tabel: 191 Lakenvelder - roodbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1988	10	101.1	99.4	11	-4.1	0	0.0
1989	9	101.3	99.2	10	-4.5	0	0.0
1990	10	100.9	99.2	10	-4.1	0	0.0
1992	14	101.6	100.9	14	-5.2	0	0.0
1994	14	100.9	101.4	14	-6.1	0	0.0
1996	11	101.5	100.7	11	-6.1	0	0.0
1997	15	99.6	99.6	15	-5.7	0	0.0
1998	22	101.4	100.1	24	-4.4	0	0.0
1999	11	99.2	99.5	9	-5.2	0	0.0
2000	20	99.3	99.5	16	-5.6	0	0.0
2002	12	100.8	101.0	8	-6.0	0	0.0

Tabel: 192 Blaarkop - zwartbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	70	-1169.3	-49.2	-47.5	-62.9	5.9	-8.0	-17.4	-316.9
1981	74	-1228.9	-50.8	-48.2	-65.7	7.8	-5.5	-17.7	-324.1
1982	100	-1346.5	-52.4	-49.8	-71.0	15.0	-0.1	-17.9	-335.3
1983	119	-1342.1	-55.9	-50.7	-70.8	7.7	-2.2	-17.9	-346.6
1984	159	-1354.3	-55.1	-51.7	-71.4	10.8	-3.0	-18.1	-349.1
1985	170	-1352.0	-55.3	-51.2	-71.2	10.2	-2.1	-17.9	-347.5
1986	124	-1325.3	-54.3	-50.3	-70.0	9.8	-2.2	-18.0	-341.5
1987	109	-1399.9	-55.1	-52.0	-73.5	14.8	-0.2	-18.2	-350.9
1988	102	-1431.0	-56.7	-52.9	-74.9	14.6	0.5	-18.4	-358.6
1989	100	-1360.2	-50.2	-49.6	-71.7	21.5	1.9	-18.1	-330.2
1990	94	-1403.3	-55.8	-51.3	-73.6	13.7	1.5	-18.3	-349.6
1991	79	-1500.7	-64.7	-55.3	-78.0	4.5	1.0	-18.5	-386.3
1992	70	-1294.5	-52.7	-49.3	-68.7	9.8	-2.2	-18.0	-333.4
1993	86	-1196.7	-49.1	-46.5	-64.2	9.0	-3.4	-17.7	-313.0
1994	68	-1080.3	-42.6	-43.2	-58.9	11.2	-5.6	-17.4	-284.5
1995	67	-1003.7	-41.4	-39.6	-55.5	6.7	-4.2	-17.3	-266.0
1996	67	-1065.4	-44.0	-41.3	-58.2	6.8	-3.4	-17.2	-279.4
1997	53	-807.4	-34.6	-33.0	-46.5	2.6	-5.3	-16.8	-221.9
1998	60	-647.7	-29.5	-28.6	-39.2	-0.8	-7.7	-16.4	-191.0
1999	71	-814.8	-33.7	-32.5	-46.7	5.2	-3.9	-16.6	-218.0
2000	52	-915.7	-37.5	-33.8	-51.0	6.5	0.4	-16.2	-232.8
2001	67	-851.9	-34.1	-32.9	-45.6	7.3	-2.2	-11.6	-220.3
2002	57	-705.9	-31.9	-29.4	-36.4	-0.2	-5.5	-6.9	-198.6
2003	66	-763.0	-30.9	-30.8	-40.7	6.4	-4.2	-9.7	-203.6
2004	75	-557.9	-25.1	-24.8	-32.7	-0.1	-6.8	-12.2	-164.4
2005	84	-497.2	-23.6	-22.5	-30.7	-2.2	-6.7	-13.4	-151.0
2006	96	-562.5	-26.8	-25.9	-34.6	-2.3	-8.4	-14.9	-172.9
2007	75	-459.7	-23.5	-21.9	-28.0	-4.3	-7.9	-11.3	-147.5

2008	91	-400.1	-20.5	-19.9	-26.7	-3.6	-7.9	-13.6	-132.9
2009	122	-436.9	-22.5	-20.0	-28.5	-4.7	-6.0	-14.0	-137.7
2010	98	-404.1	-21.6	-19.4	-27.5	-5.6	-6.7	-15.0	-133.0
2011	113	-447.4	-22.8	-21.4	-29.1	-4.2	-7.7	-14.3	-144.3
2012	135	-478.0	-23.7	-21.1	-30.4	-3.4	-5.4	-14.2	-145.6
2013	93	-368.9	-19.0	-18.8	-25.8	-3.3	-8.0	-14.4	-124.5
2014	122	-423.2	-21.2	-19.7	-28.1	-3.3	-6.3	-14.4	-133.9
2015	90	-285.6	-14.2	-14.3	-22.6	-1.9	-5.7	-15.4	-95.5

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 193 Blaarkop - zwartbont: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	756	87.0	92.0	90.4	93.4	98.8	91.3	95.6
1981	766	87.3	92.1	90.3	93.3	99.3	91.5	95.8
1982	589	87.5	91.9	90.3	93.5	99.1	91.8	95.8
1983	358	87.5	91.4	90.1	93.8	98.8	91.1	95.0
1984	249	87.3	92.1	89.8	93.3	100.2	91.4	95.2
1985	149	87.9	92.0	90.2	93.7	99.7	91.5	95.4
1986	71	88.1	92.7	90.5	93.9	100.4	91.4	96.2
1987	40	89.4	92.5	91.2	95.0	99.5	91.4	96.4
1988	43	88.9	92.5	90.9	94.8	99.5	91.9	96.5
1989	35	89.4	91.9	91.4	95.8	98.1	91.8	96.4
1990	31	89.5	91.9	90.5	95.0	99.4	91.9	96.6
1991	21	89.6	92.0	90.9	95.0	99.7	91.7	95.9
1992	27	90.3	93.4	91.9	95.9	100.3	92.0	97.6
1993	31	91.2	91.8	91.6	96.4	99.1	91.9	96.8
1994	22	90.0	91.6	91.2	96.1	98.6	91.2	96.3
1995	25	91.8	93.0	92.4	96.8	99.9	92.2	97.4
1996	20	91.6	93.5	93.5	97.3	100.1	91.2	97.2
1997	15	92.1	94.5	93.7	97.5	100.3	91.9	99.3
1998	15	92.1	93.5	92.8	96.7	100.5	92.3	96.4
1999	21	92.5	93.2	92.5	97.0	100.0	92.7	98.6
2000	17	93.4	93.8	93.7	98.3	100.0	92.7	96.9
2001	22	92.7	94.2	93.0	97.2	101.1	92.0	97.0
2002	18	92.8	93.8	93.6	97.7	99.7	91.9	97.9
2003	20	93.0	93.2	93.6	97.5	99.5	92.6	97.0
2004	23	91.9	93.5	93.8	97.8	99.3	91.1	97.8
2005	28	91.7	93.7	93.7	97.2	99.5	91.9	97.8
2006	28	93.1	93.7	94.1	98.2	98.8	92.1	98.8
2007	37	92.3	93.8	93.4	97.4	100.0	92.3	98.3
2008	31	92.2	93.3	93.2	97.3	99.8	92.5	97.9
2009	37	92.1	93.8	93.1	97.0	100.7	92.4	98.8
2010	33	91.3	92.7	91.6	95.6	99.7	92.8	99.1
2011	34	92.9	94.6	93.6	97.1	101.5	92.9	98.6
2012	33	93.2	94.7	93.9	97.4	101.2	91.5	100.6
2013	30	92.6	94.3	93.9	97.6	100.6	91.9	99.9
2014	34	93.1	94.1	93.5	97.4	100.8	92.7	98.9
2015	11	96.2	95.6	95.5	99.7	99.5	93.3	101.0

Tabel: 194 Blaarkop - zwartbont: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	756	96.1	95.7	89.4	92.5

1981	766	96.0	95.1	90.1	92.3
1982	589	96.2	95.4	90.1	92.6
1983	358	96.7	95.7	90.9	93.0
1984	249	97.0	95.7	91.8	93.1
1985	149	97.3	95.4	91.6	93.4
1986	71	97.4	95.7	92.1	93.4
1987	40	97.8	96.0	92.6	93.4
1988	43	97.7	95.2	92.8	93.5
1989	35	98.1	96.5	92.4	94.0
1990	31	98.9	96.5	93.4	94.3
1991	21	98.7	95.0	93.4	95.0
1992	27	99.0	95.3	94.4	95.1
1993	31	99.4	95.2	95.1	95.4
1994	22	99.1	96.3	95.6	95.0
1995	25	99.4	95.5	94.5	95.4
1996	20	100.7	96.4	96.4	96.8
1997	15	100.8	96.8	96.6	96.5
1998	15	100.5	97.0	95.3	96.9
1999	21	101.1	96.6	95.7	97.0
2000	17	101.0	97.6	95.9	97.1
2001	22	100.6	95.6	95.9	96.5
2002	18	102.4	96.2	97.3	97.7
2003	20	101.8	95.3	97.0	97.8
2004	23	100.8	95.7	95.9	96.7
2005	28	100.9	97.1	95.6	97.1
2006	28	100.2	97.2	95.7	96.3
2007	37	101.2	96.1	95.9	97.4
2008	31	101.1	96.0	96.0	97.8
2009	37	101.9	96.7	96.2	98.7
2010	33	101.2	95.9	95.6	97.7
2011	34	101.7	95.1	97.3	98.2
2012	33	102.1	95.9	97.2	98.6
2013	30	102.1	96.5	96.4	98.5
2014	34	101.9	95.4	96.6	98.7
2015	11	101.2	96.6	96.4	97.6

Tabel: 195 Blaarkop - zwartbont: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	756	99.3	91.4	101.4	99.0	92.6	95.3	92.6
1981	766	99.9	91.6	101.5	99.3	92.5	95.4	92.6
1982	589	100.5	91.9	101.2	99.9	93.1	95.7	93.0
1983	358	100.1	91.8	100.9	99.4	92.8	95.4	92.9
1984	249	100.1	91.7	101.3	99.7	92.5	95.7	93.1
1985	149	100.0	92.3	101.1	99.4	92.3	95.5	93.2
1986	71	100.1	92.2	101.3	99.3	92.5	95.1	92.9
1987	40	100.2	92.2	102.0	99.5	93.0	94.6	92.5
1988	43	100.5	92.7	101.3	99.8	93.6	95.1	93.0
1989	35	99.7	93.6	101.2	98.9	93.5	94.9	93.4
1990	31	100.2	93.1	102.3	99.3	92.5	94.6	93.1
1991	21	102.0	94.0	102.9	100.7	93.4	96.8	94.7
1992	27	102.1	94.0	101.7	100.4	93.4	95.3	94.0
1993	31	101.9	94.5	100.3	100.7	93.7	95.7	94.1
1994	22	101.3	95.2	101.3	100.4	93.2	95.9	94.6
1995	25	102.2	95.0	100.9	101.2	93.6	96.0	94.3
1996	20	102.7	95.8	101.4	100.3	93.5	96.0	94.9
1997	15	102.4	94.9	101.5	100.9	95.1	94.7	93.6
1998	15	102.6	96.5	100.7	101.5	94.1	96.5	95.7
1999	21	102.8	95.4	102.8	101.1	93.7	95.8	95.1

2000	17	103.8	96.9	99.4	102.2	94.4	95.7	95.1
2001	22	102.9	94.9	102.1	101.9	93.6	95.6	94.5
2002	18	102.7	96.9	100.4	101.2	95.1	95.7	95.3
2003	20	103.2	97.2	100.5	101.9	94.8	96.3	95.9
2004	23	101.4	95.3	101.3	99.8	94.1	94.7	93.7
2005	28	101.9	95.8	102.0	99.8	93.9	95.0	94.6
2006	28	101.1	95.9	103.0	99.2	94.4	95.0	94.3
2007	37	102.5	95.5	101.6	100.9	94.1	95.2	94.4
2008	31	101.8	95.1	101.6	100.6	94.2	95.4	94.5
2009	37	102.8	95.8	101.6	101.2	94.1	95.4	94.5
2010	33	102.9	96.3	102.2	101.1	93.2	95.6	94.8
2011	34	103.2	96.8	101.8	101.2	94.0	96.5	95.9
2012	33	103.7	96.8	102.8	101.2	93.9	96.1	95.3
2013	30	103.9	96.7	103.4	101.6	94.5	95.5	94.8
2014	34	103.7	96.8	102.1	102.2	95.0	97.2	96.1
2015	11	103.5	99.0	101.9	102.0	96.4	97.6	97.1

Tabel: 196 Blaarkop - zwartbont: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	756	87.3	91.1	96.4	90.1	101.0	87.6
1981	766	87.4	91.3	96.7	89.7	101.5	87.7
1982	589	87.5	91.2	97.5	90.2	101.1	88.4
1983	358	86.5	90.7	96.8	90.8	100.1	88.0
1984	249	86.9	91.5	96.9	91.2	100.6	88.5
1985	149	87.1	91.6	96.7	91.3	100.5	88.5
1986	71	87.8	92.6	96.7	91.5	101.0	89.0
1987	40	88.0	93.1	96.9	91.8	99.8	89.4
1988	43	88.3	92.8	97.5	91.5	100.0	89.6
1989	35	88.3	92.7	96.7	92.4	98.4	89.7
1990	31	88.0	92.5	96.5	93.0	99.1	89.7
1991	21	87.7	92.7	98.4	93.0	99.3	90.6
1992	27	89.6	95.1	98.2	93.3	100.4	91.6
1993	31	88.5	93.6	98.6	93.7	98.2	91.5
1994	22	87.7	92.8	97.7	93.8	97.6	90.8
1995	25	89.7	95.4	98.6	93.8	99.3	92.1
1996	20	89.6	96.2	98.5	95.8	99.0	93.3
1997	15	91.4	97.3	99.1	95.8	99.9	94.4
1998	15	89.7	95.9	99.1	95.7	99.3	93.4
1999	21	90.6	96.0	98.6	96.1	99.2	93.7
2000	17	90.4	96.8	99.9	96.3	98.8	94.7
2001	22	90.0	96.7	99.1	95.1	99.5	93.6
2002	18	90.4	96.7	99.3	96.9	99.2	94.7
2003	20	89.9	95.9	99.8	96.5	98.5	94.3
2004	23	89.8	96.3	97.8	95.2	98.9	92.7
2005	28	90.4	96.1	97.9	96.0	99.3	93.4
2006	28	91.1	96.4	97.8	95.2	98.8	93.1
2007	37	90.6	96.3	98.7	96.2	99.4	94.0
2008	31	90.5	95.9	98.4	96.5	99.0	93.8
2009	37	90.9	96.7	99.1	97.6	99.7	94.9
2010	33	90.4	94.3	98.7	96.3	99.3	93.6
2011	34	91.5	97.7	99.1	96.9	100.5	95.0
2012	33	92.1	98.2	99.2	97.5	100.7	95.6
2013	30	91.6	97.6	99.8	97.6	100.1	95.7
2014	34	91.4	97.4	100.3	97.3	99.7	95.8
2015	11	93.7	99.5	100.6	96.7	99.5	96.5

Tabel: 197 Blaarkop - zwartbont: Vruchtbaarheidsskenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2006	103.7	105.2	107.3	106.7	104.8	103.7	93.1	107.3
1981	1985	103.9	105.0	107.2	106.7	104.8	103.8	92.9	107.2
1982	1565	104.2	105.0	107.4	106.8	105.2	103.9	92.7	107.4
1983	976	104.7	104.7	107.4	106.7	105.5	104.4	92.2	107.3
1984	695	104.5	104.6	107.1	106.5	105.2	104.3	92.8	107.0
1985	448	104.6	104.4	107.0	106.4	105.2	104.3	92.3	107.0
1986	305	104.5	104.0	106.6	105.8	105.1	103.9	92.2	106.5
1987	177	105.0	103.8	106.7	105.9	105.7	103.8	91.6	106.6
1988	149	104.7	103.6	106.4	105.6	105.2	103.4	91.8	106.3
1989	126	104.6	103.3	106.1	105.2	105.0	103.4	91.9	105.9
1990	118	104.7	103.4	106.1	105.2	105.3	103.5	91.6	105.9
1991	100	104.4	103.9	106.3	105.5	105.1	103.6	91.8	106.1
1992	95	104.5	103.3	105.9	105.0	105.0	104.0	91.8	105.7
1993	120	104.2	103.5	105.6	105.1	105.0	103.9	92.7	105.6
1994	84	104.8	103.3	105.7	105.2	105.7	104.5	92.6	105.7
1995	91	104.0	103.3	105.3	104.8	105.0	103.7	92.6	105.3
1996	99	103.6	103.2	105.2	104.7	104.5	103.7	93.5	105.1
1997	85	102.8	102.5	104.4	103.7	103.4	102.7	94.6	104.3
1998	79	102.6	102.5	103.8	103.5	103.5	102.6	94.1	103.9
1999	96	102.5	102.8	103.8	103.8	103.8	102.5	93.3	104.0
2000	78	102.3	102.7	103.6	103.6	103.5	102.6	93.9	103.8
2001	90	102.8	102.8	103.9	103.8	104.1	102.6	92.5	104.0
2002	73	103.7	102.2	104.0	103.6	104.4	103.5	93.3	104.1
2003	91	102.9	102.9	103.8	104.0	104.3	102.8	93.3	104.1
2004	101	103.4	102.5	104.0	103.9	104.5	103.0	93.5	104.2
2005	110	103.8	102.1	104.2	103.7	104.7	103.3	94.1	104.1
2006	139	104.0	102.0	104.1	103.6	104.7	103.4	94.0	104.1
2007	124	103.8	102.2	104.1	103.8	104.6	103.1	94.0	104.2
2008	129	103.9	102.0	104.0	103.6	104.6	103.4	94.2	104.0
2009	159	104.0	102.0	104.1	103.7	104.8	103.7	94.5	104.1
2010	137	103.9	102.2	104.3	103.8	104.7	103.8	95.1	104.3
2011	158	104.0	102.4	104.2	104.0	104.9	103.6	94.2	104.3
2012	194	104.1	102.5	104.3	104.1	105.1	103.8	94.5	104.4
2013	123	104.3	102.5	104.5	104.3	105.3	103.6	94.2	104.7
2014	151	104.1	102.6	104.5	104.3	105.2	103.7	94.4	104.6
2015	122	103.6	102.7	104.3	104.3	105.0	103.5	95.3	104.5

Tabel: 198 Blaarkop - zwartbont: Gebruikskenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	22	97.4	66.0	97.0	101.8	103.5
1981	17	97.9	34.2	96.5	101.4	103.0
1982	26	99.5	56.5	95.0	100.8	102.2
1983	25	99.1	69.6	96.0	101.2	102.7
1984	24	98.8	64.4	96.3	101.2	102.5
1985	23	99.3	63.4	96.2	101.3	102.5
1986	16	99.0	85.0	95.3	100.7	101.6
1987	13	100.4	75.6	94.7	100.0	100.8
1988	13	100.8	83.6	94.7	99.9	101.1
1989	16	99.9	73.7	94.6	99.4	101.1
1990	15	100.1	98.7	94.8	99.6	101.0
1991	15	97.6	97.3	94.9	100.4	101.0
1992	25	98.9	94.2	95.3	99.9	100.9

1993	27	98.4	97.9	95.4	99.8	101.1
1994	22	99.7	97.5	95.1	99.1	101.0
1995	25	99.4	94.8	95.4	99.3	100.9
1996	20	97.6	98.1	95.3	99.9	101.2
1997	17	99.4	85.7	95.2	99.3	100.6
1998	16	97.6	79.6	95.9	99.4	101.1
1999	19	97.7	98.1	95.0	98.7	100.6
2000	17	99.1	98.3	95.1	98.8	100.2
2001	22	97.9	98.5	95.8	99.3	100.5
2002	16	98.2	97.8	94.7	97.7	98.8
2003	20	96.7	93.5	96.9	99.8	100.3
2004	22	98.2	94.6	95.5	98.1	99.4
2005	26	97.2	86.8	96.0	98.3	99.4
2006	26	97.8	99.0	95.2	97.8	98.8
2007	36	98.2	98.3	95.5	98.0	99.2
2008	30	97.9	96.9	95.6	97.8	99.0
2009	37	98.7	97.0	95.7	97.9	99.1
2010	33	98.9	98.7	96.2	98.2	99.2
2011	31	97.5	97.9	96.0	98.2	99.3
2012	31	98.7	98.6	96.1	98.0	99.5
2013	28	98.4	94.2	96.6	98.6	99.7
2014	31	98.1	91.9	96.1	98.3	99.2

Tabel: 199 Blaarkop - zwartbont: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	67	-119.2	-316.9	-235.4	103.1	107.3	96.4	90.1	97.6
1981	71	-126.9	-324.1	-268.3	102.6	107.2	96.7	89.7	97.8
1982	99	-123.2	-335.3	-259.3	101.9	107.4	97.5	90.2	97.9
1983	117	-128.0	-346.6	-252.1	102.4	107.3	96.8	90.8	98.9
1984	159	-152.2	-349.1	-327.7	102.2	107.0	96.9	91.2	99.1
1985	170	-155.4	-347.5	-408.0	102.3	107.0	96.7	91.3	99.0
1986	123	-158.6	-341.5	-456.5	101.4	106.5	96.7	91.5	98.0
1987	109	-168.5	-350.9	-526.4	100.5	106.6	96.9	91.8	98.3
1988	102	-169.3	-358.6	-514.8	100.7	106.3	97.5	91.5	98.1
1989	100	-159.7	-330.2	-485.3	100.4	105.9	96.7	92.4	97.9
1990	94	-170.7	-349.6	-516.3	100.5	105.9	96.5	93.0	97.9
1991	79	-173.9	-386.3	-553.8	100.8	106.1	98.4	93.0	98.2
1992	70	-160.0	-333.4	-484.2	100.5	105.7	98.2	93.3	98.4
1993	86	-145.0	-313.0	-432.2	100.7	105.6	98.6	93.7	98.4
1994	68	-134.1	-284.5	-390.0	100.2	105.7	97.7	93.8	97.9
1995	67	-119.9	-266.0	-342.0	100.3	105.3	98.6	93.8	98.2
1996	67	-123.1	-279.4	-376.1	100.7	105.1	98.5	95.8	98.3
1997	53	-106.2	-221.9	-335.4	100.1	104.3	99.1	95.8	97.9
1998	60	-88.8	-191.0	-246.2	100.4	103.9	99.1	95.7	98.0
1999	71	-97.5	-218.0	-236.3	99.8	104.0	98.6	96.1	98.1
2000	52	-103.7	-232.8	-275.5	99.6	103.8	99.9	96.3	98.2
2001	67	-90.4	-220.3	-208.4	99.9	104.0	99.1	95.1	98.9
2002	57	-103.6	-198.6	-262.3	98.2	104.1	99.3	96.9	97.9
2003	66	-74.8	-203.6	-156.4	100.1	104.1	99.8	96.5	98.6
2004	75	-81.2	-164.4	-202.5	98.7	104.2	97.8	95.2	98.7
2005	84	-71.6	-151.0	-156.0	98.8	104.1	97.9	96.0	99.2
2006	96	-86.7	-172.9	-213.0	98.2	104.1	97.8	95.2	99.2
2007	75	-71.5	-147.5	-171.6	98.6	104.2	98.7	96.2	99.1
2008	91	-71.0	-132.9	-170.9	98.3	104.0	98.4	96.5	98.5
2009	122	-63.2	-137.7	-161.8	98.5	104.1	99.1	97.6	98.8
2010	98	-58.5	-133.0	-115.5	98.7	104.3	98.7	96.3	98.9
2011	113	-62.3	-144.3	-138.5	98.7	104.3	99.1	96.9	98.4
2012	135	-61.0	-145.6	-121.8	98.7	104.4	99.2	97.5	98.7

2013	93	-43.4	-124.5	-75.6	99.1	104.7	99.8	97.6	99.1
2014	122	-51.2	-133.9	-120.4	98.7	104.6	100.3	97.3	98.9
2015	90	-19.6	-95.5	-6.0	99.1	104.5	100.6	96.7	99.0

Tabel: 200 Blaarkop - zwartbont: Klauwgezondheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2009	12	101.0	101.3	99.8	101.0	101.1	98.9	101.2
2010	11	100.0	100.5	99.5	100.1	99.4	98.7	101.2

Tabel: 201 Blaarkop - zwartbont: Levensvatbaarheidskkenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1982	23	96.9	97.8	96.9	97.8	97.3	99.8
1983	25	98.1	98.4	98.1	98.4	97.8	100.1
1984	26	98.7	99.1	98.7	99.1	98.8	100.5
1985	31	98.0	98.9	98.0	98.9	98.2	100.8
1986	32	97.2	97.6	97.2	97.6	97.5	99.9
1987	28	97.9	98.1	97.9	98.1	98.1	100.3
1988	32	97.8	97.5	97.8	97.5	97.8	99.9
1989	36	98.5	97.1	98.5	97.1	98.3	100.1
1990	42	98.5	97.4	98.5	97.4	97.9	100.3
1991	39	99.1	97.5	99.1	97.5	98.8	100.6
1992	55	99.4	97.7	99.4	97.7	99.2	100.5
1993	83	98.7	98.2	98.7	98.2	98.8	100.7
1994	77	98.8	97.6	98.8	97.6	99.3	100.1
1995	99	98.9	97.8	98.9	97.8	99.2	100.6
1996	104	98.9	98.1	98.9	98.1	99.4	100.5
1997	70	98.2	98.1	98.2	98.1	98.9	100.2
1998	77	98.4	98.0	98.4	98.0	99.5	99.9
1999	108	98.6	98.1	98.6	98.1	99.9	99.8
2000	93	99.1	98.0	99.1	98.0	100.2	99.8
2001	108	99.3	98.6	99.3	98.6	100.3	100.3
2002	85	98.3	97.8	98.3	97.8	99.2	99.5
2003	100	98.7	98.4	98.7	98.4	99.4	100.0
2004	126	99.2	98.2	99.2	98.2	99.8	100.4
2005	137	99.6	98.5	99.6	98.5	100.4	100.6
2006	167	99.5	98.6	99.5	98.6	100.2	100.6
2007	141	99.2	97.3	99.2	97.3	100.0	99.2
2008	160	98.7	98.4	98.7	98.4	99.5	100.8
2009	189	98.8	98.7	98.8	98.7	99.5	100.6
2010	172	98.9	98.0	98.9	98.0	99.6	100.3
2011	179	98.3	98.5	98.3	98.5	99.3	100.6
2012	234	98.6	98.7	98.6	98.7	99.2	100.8
2013	171	99.1	97.7	99.1	97.7	99.7	99.8
2014	214	99.2	98.2	99.2	98.2	100.0	100.2
2015	204	99.5	97.7	99.5	97.7	100.2	99.7
2016	196	99.2	97.3	99.2	97.3	99.9	99.3
2017	200	99.2	87.0	99.2	87.0	100.0	88.8
2018	25	99.4	94.9	99.4	94.9	100.4	96.6

Tabel: 202 Blaarkop - zwartbont: Geboortekenmerken

Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	80	106.4	99.1	92.7	14.4	12.8	12.6
1981	62	105.6	100.2	93.4	21.9	19.5	19.0
1982	101	105.6	99.7	93.4	34.6	30.4	30.0
1983	163	105.3	99.7	93.8	43.0	38.5	38.2
1984	152	105.5	99.3	93.6	50.4	44.8	44.5
1985	97	105.2	99.0	93.8	69.5	61.0	60.9
1986	95	104.6	99.5	94.4	64.6	57.1	56.6
1987	41	103.9	99.8	95.1	72.4	63.4	63.1
1988	38	105.3	98.5	93.8	61.8	53.6	52.7
1989	37	105.5	98.1	93.7	77.5	67.1	66.0
1990	29	104.5	99.7	94.7	66.0	57.7	56.8
1991	28	105.1	100.3	94.0	30.3	26.8	26.5
1992	24	104.6	99.9	94.8	62.7	53.8	52.4
1993	30	103.3	100.3	95.5	84.3	73.4	74.2
1994	27	103.2	100.3	95.7	93.7	81.3	80.6
1995	19	104.6	98.9	94.4	83.3	73.4	72.7
1997	21	102.5	100.3	96.7	70.1	61.3	60.6
1998	27	103.3	100.2	95.8	89.6	79.0	78.7
1999	32	102.9	100.8	96.2	85.6	75.8	75.0
2000	22	101.9	102.0	97.2	85.7	77.5	76.7
2001	34	102.8	101.7	96.4	92.4	84.3	82.1
2002	29	103.3	99.1	95.8	95.3	84.3	81.6
2003	35	103.9	101.6	95.4	101.5	91.1	91.9
2004	51	103.7	100.4	95.4	96.4	86.2	85.8
2005	64	104.3	98.8	94.7	102.5	90.0	88.4
2006	72	103.2	99.2	95.9	98.3	86.2	84.7
2007	80	103.6	98.8	95.5	97.9	86.1	83.7
2008	89	102.7	99.3	96.4	89.5	77.8	75.7
2009	120	102.8	99.1	96.4	90.1	78.4	76.4
2010	110	103.0	99.4	96.2	97.4	84.6	82.4
2011	112	102.4	99.4	96.7	97.9	84.7	82.7
2012	112	102.0	100.4	97.3	98.3	86.4	83.8
2013	67	102.6	100.2	96.5	91.4	80.1	78.9
2014	72	102.2	99.5	96.8	88.2	76.9	75.0
2015	65	101.8	99.7	97.2	76.4	66.7	65.8
2016	89	102.1	99.8	97.0	70.1	61.7	60.1
2017	45	101.7	101.1	97.3	70.3	61.5	60.8
2018	10	101.9	101.4	97.1	53.8	47.1	44.6

Tabel: 203 Blaarkop - zwartbont: Kalvervitaliteit
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	24	98.5	94.4	97.1
1983	27	97.3	93.4	96.2
1984	24	95.8	92.0	95.9
1985	31	96.8	92.8	96.7
1986	33	97.6	93.5	97.1
1987	27	97.9	93.9	97.9
1988	27	97.6	93.6	97.6
1989	27	96.8	92.6	97.4
1990	37	96.0	91.9	97.1
1991	30	95.3	91.2	96.6
1992	50	95.4	91.2	96.5
1993	89	96.7	92.6	97.8

1994	103	95.8	91.6	97.2
1995	108	95.8	91.7	97.2
1996	107	95.7	91.6	97.1
1997	81	96.0	91.9	97.5
1998	79	96.1	91.7	97.2
1999	119	97.0	92.4	97.9
2000	108	96.2	91.5	97.5
2001	120	95.7	90.8	96.9
2002	91	94.8	89.9	96.2
2003	120	96.2	91.2	97.4
2004	153	95.6	90.8	97.4
2005	160	94.7	89.7	96.9
2006	202	94.5	89.4	96.7
2007	171	94.2	89.1	96.8
2008	187	94.3	89.1	96.9
2009	218	94.4	89.4	96.9
2010	186	94.0	88.9	96.7
2011	211	93.9	88.9	96.6
2012	256	94.6	89.6	96.9
2013	183	95.0	90.3	97.5
2014	227	95.2	90.5	97.8
2015	245	95.8	91.1	97.7
2016	239	96.0	91.3	98.1
2017	192	96.1	91.3	98.0
2018	21	95.0	90.0	97.1

Tabel: 204 Blaarkop - zwartbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	67	-2394.4	-8813.0	-421.2	-339.1
2002	58	-2633.3	-9596.1	-468.4	-370.2
2003	66	-2046.4	-7349.4	-357.4	-291.5
2004	72	-2160.0	-7653.2	-382.6	-305.7
2005	86	-1856.8	-6410.0	-333.0	-261.2
2006	96	-2238.3	-7887.0	-398.1	-316.2
2007	76	-1943.7	-6662.3	-350.5	-272.4
2008	93	-1879.4	-6397.4	-338.2	-264.0
2009	122	-1842.4	-6316.3	-334.7	-257.2
2010	99	-1553.7	-5102.0	-284.2	-216.7
2011	115	-1725.2	-5791.3	-310.6	-242.7
2012	136	-1630.1	-5479.9	-296.7	-227.6
2013	94	-1296.0	-4034.3	-235.1	-182.3
2014	126	-1594.6	-5310.2	-289.5	-223.2
2015	94	-775.4	-2047.5	-146.1	-107.6

Tabel: 205 Blaarkop - zwartbont: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
2014	10	98.2	105.0	102.4

Tabel: 206 Blaarkop - zwartbont: Overige productie en efficiency kenm.
 Basis: Dubbeldoel

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	70	98.6	101.0	0	0.0	0	0.0
1981	74	99.0	100.5	0	0.0	0	0.0
1982	100	97.9	99.7	0	0.0	0	0.0
1983	119	98.7	99.9	0	0.0	0	0.0
1984	159	98.6	100.3	0	0.0	0	0.0
1985	170	98.6	100.4	172	-4.2	0	0.0
1986	124	98.5	99.8	89	-3.9	0	0.0
1987	109	97.4	99.4	58	-4.2	0	0.0
1988	102	97.2	99.6	61	-3.9	0	0.0
1989	100	97.0	98.8	40	-3.7	0	0.0
1990	94	98.1	99.5	40	-3.6	0	0.0
1991	79	97.6	98.6	41	-4.3	0	0.0
1992	70	98.1	99.2	37	-3.6	0	0.0
1993	86	96.7	99.1	35	-3.5	0	0.0
1994	68	97.1	99.3	24	-3.5	0	0.0
1995	67	98.1	100.2	31	-2.7	0	0.0
1996	67	97.4	99.3	26	-2.6	0	0.0
1997	53	98.2	99.2	19	-2.2	0	0.0
1998	60	97.6	99.2	16	-2.3	0	0.0
1999	71	97.6	98.6	25	-2.6	0	0.0
2000	52	97.8	98.1	22	-2.5	0	0.0
2001	67	99.2	99.5	30	-2.3	22	92.0
2002	57	98.3	98.6	23	-2.0	18	91.7
2003	66	100.1	100.4	23	-2.3	20	90.8
2004	75	98.7	99.5	29	-2.1	23	91.2
2005	84	98.8	99.3	29	-2.1	28	91.2
2006	96	98.4	99.1	30	-2.2	28	92.0
2007	75	98.7	99.3	42	-2.3	37	91.9
2008	91	98.5	98.9	32	-2.1	31	91.3
2009	122	99.4	99.0	51	-1.7	37	92.5
2010	98	98.3	99.5	34	-2.3	33	90.9
2011	113	98.5	99.5	34	-1.9	34	93.6
2012	135	97.4	99.6	34	-1.8	33	94.1
2013	93	98.1	99.1	32	-1.6	30	93.3
2014	122	98.2	99.4	40	-1.7	34	93.1
2015	90	98.7	99.7	16	-1.1	10	95.5

Tabel: 207 Verbeterd Roodbont: Melkproductiekenmerken

Basis: Dubbeldoel

Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	73	-1224.7	-50.7	-46.8	-65.5	7.4	-3.1	-17.6	-318.2
1981	58	-1297.0	-52.2	-48.4	-68.8	11.1	-0.9	-17.9	-328.6
1982	114	-1338.6	-54.2	-49.3	-70.6	10.6	0.2	-17.9	-337.2
1983	115	-1337.4	-53.8	-49.8	-70.6	11.6	-0.7	-18.0	-338.2
1984	130	-1354.5	-55.8	-51.4	-71.4	9.5	-2.6	-18.0	-349.3
1985	111	-1379.8	-56.7	-51.7	-72.5	9.7	-1.2	-18.0	-352.6
1986	142	-1315.8	-52.4	-49.1	-69.6	12.6	-0.6	-17.9	-332.2
1987	198	-1237.4	-48.3	-46.5	-66.1	13.8	-1.4	-17.7	-312.0
1988	182	-1329.0	-54.3	-49.9	-70.2	10.1	-1.2	-18.0	-339.9
1989	175	-1262.1	-50.4	-46.1	-67.2	11.6	1.1	-17.8	-315.1
1990	175	-1299.9	-53.3	-47.2	-68.9	9.7	2.0	-17.8	-326.0
1991	159	-1307.6	-53.6	-48.3	-69.2	9.3	0.3	-17.9	-331.3
1992	170	-1187.5	-46.2	-44.2	-63.8	13.1	-0.4	-17.6	-297.4
1993	161	-1225.7	-48.2	-44.8	-65.5	12.9	1.3	-17.8	-304.6
1994	150	-1030.2	-40.9	-39.4	-56.6	10.0	-2.0	-17.2	-264.4

1995	159	-1055.9	-40.7	-40.7	-57.8	12.5	-2.7	-17.3	-269.5
1996	130	-942.9	-36.1	-35.9	-52.6	11.1	-1.7	-16.9	-238.9
1997	153	-842.9	-34.5	-32.2	-48.0	6.3	-1.4	-16.7	-218.9
1998	198	-777.8	-28.9	-29.6	-45.1	10.7	-1.2	-16.6	-195.8
1999	192	-810.6	-31.3	-30.0	-46.6	9.2	0.3	-16.7	-202.9
2000	217	-733.5	-30.4	-29.2	-42.8	4.6	-2.9	-16.0	-196.3
2001	197	-705.0	-30.5	-28.1	-38.6	2.4	-3.0	-10.6	-190.7
2002	184	-655.5	-28.8	-27.0	-36.5	1.3	-4.4	-10.8	-182.4
2003	184	-655.6	-26.7	-26.3	-37.2	5.1	-3.1	-12.2	-175.2
2004	172	-478.4	-23.9	-21.3	-29.8	-3.7	-5.7	-13.1	-146.6
2005	154	-429.1	-21.3	-20.2	-28.9	-3.1	-6.9	-15.4	-136.2
2006	185	-352.7	-20.2	-17.2	-26.0	-6.6	-6.5	-16.2	-120.7
2007	178	-341.6	-18.3	-16.8	-24.7	-4.5	-6.5	-14.8	-114.7
2008	160	-381.4	-20.2	-17.0	-26.9	-4.4	-4.1	-15.3	-120.2
2009	185	-226.2	-13.1	-13.0	-20.4	-4.3	-7.0	-16.1	-87.1
2010	157	-285.7	-15.5	-14.0	-23.1	-3.8	-5.2	-16.2	-96.8
2011	178	-318.2	-18.8	-15.5	-24.9	-7.0	-5.6	-16.8	-110.4
2012	173	-281.7	-17.5	-13.8	-23.1	-7.3	-4.8	-16.5	-100.3
2013	214	-330.3	-18.0	-14.3	-25.7	-4.7	-2.9	-17.4	-104.0
2014	179	-384.5	-19.0	-16.6	-28.3	-2.5	-3.4	-17.5	-116.5
2015	122	-305.5	-15.2	-12.5	-24.9	-2.3	-1.5	-17.9	-90.9

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 208 Verbeterd Roodbont: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	410	87.3	91.9	90.5	93.4	98.6	91.4	95.5
1981	340	87.5	91.8	90.3	93.5	98.8	91.3	95.6
1982	328	87.7	91.7	90.3	93.5	98.4	91.7	95.3
1983	221	87.4	91.8	90.1	93.4	99.1	91.1	95.6
1984	167	87.5	91.8	89.9	93.1	99.3	90.9	95.5
1985	111	87.3	92.2	89.9	93.3	100.1	91.2	95.7
1986	100	88.4	91.9	90.0	93.8	99.5	91.0	96.0
1987	102	88.3	91.7	90.3	94.0	98.8	91.1	96.5
1988	76	88.5	91.7	90.3	94.4	99.0	91.4	96.2
1989	72	89.7	91.9	90.7	95.1	98.9	91.7	97.3
1990	66	89.0	91.0	90.0	94.6	99.0	91.3	96.8
1991	59	89.4	92.0	90.8	95.2	99.7	91.9	96.8
1992	70	89.8	92.2	91.2	95.5	99.5	92.1	96.6
1993	72	90.2	92.2	91.5	96.2	99.1	92.1	96.8
1994	61	91.0	93.0	92.2	96.4	99.2	92.6	97.2
1995	74	90.4	92.7	91.5	96.0	99.6	91.6	96.9
1996	61	91.3	92.8	92.4	96.7	99.3	92.0	97.1
1997	58	92.4	93.3	92.6	97.0	99.6	92.0	97.4
1998	87	92.2	93.0	93.1	97.7	98.7	92.2	97.5
1999	68	93.3	93.5	93.7	98.1	99.2	92.4	98.0
2000	79	93.2	93.5	93.7	98.1	98.8	92.0	97.8
2001	78	93.0	93.5	93.7	98.1	98.6	91.3	98.2
2002	56	93.4	93.7	94.0	98.3	99.1	92.1	99.0
2003	66	93.7	93.8	94.1	98.3	99.2	92.2	98.2
2004	48	93.0	93.6	94.0	98.4	99.0	92.4	98.0
2005	48	93.6	93.1	94.0	98.5	98.4	91.9	99.5
2006	71	94.0	93.6	94.4	98.8	98.4	92.4	99.1
2007	65	93.7	93.9	94.4	98.5	98.8	92.4	99.4
2008	51	94.3	94.4	94.5	98.6	99.5	93.5	99.5
2009	56	95.4	94.3	95.4	100.1	97.6	92.6	101.0
2010	56	94.9	93.6	94.9	99.7	97.5	92.6	100.5
2011	60	94.4	94.2	94.8	99.2	98.6	92.7	100.2
2012	47	93.8	94.4	94.7	98.9	99.1	92.7	99.8

2013	50	95.4	94.2	95.4	99.9	98.5	92.5	101.0
2014	62	94.7	94.5	95.2	99.6	98.7	92.3	100.7
2015	40	95.3	94.3	95.5	99.6	98.5	92.2	99.3

Tabel: 209 Verbeterd Roodbont: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	410	95.8	95.3	89.3	92.4
1981	340	96.1	95.0	89.9	92.5
1982	328	95.9	95.0	89.7	92.5
1983	221	96.3	95.1	90.8	92.7
1984	167	96.6	95.3	90.8	93.0
1985	111	96.8	95.5	91.6	93.1
1986	100	97.2	95.3	92.5	93.2
1987	102	96.7	94.3	91.8	92.7
1988	76	98.0	94.6	93.2	93.8
1989	72	98.0	95.2	93.4	93.7
1990	66	98.6	94.5	94.6	94.0
1991	59	98.9	94.8	94.6	94.6
1992	70	99.1	94.7	94.4	95.0
1993	72	99.4	96.3	94.7	95.3
1994	61	99.1	96.3	95.8	95.0
1995	74	99.1	95.8	95.8	95.2
1996	61	100.0	95.6	95.7	95.8
1997	58	100.8	95.4	96.9	96.6
1998	87	99.7	97.1	95.5	95.8
1999	68	101.0	96.4	96.8	96.7
2000	79	101.3	96.0	97.6	96.9
2001	78	100.9	96.8	96.4	96.7
2002	56	101.3	97.0	97.2	96.8
2003	66	101.4	96.5	97.1	97.1
2004	48	100.8	96.4	96.9	97.0
2005	48	100.7	97.8	96.6	96.7
2006	71	100.8	97.7	96.9	96.7
2007	65	101.5	97.1	97.4	97.4
2008	51	101.5	97.1	97.8	97.4
2009	56	100.9	97.2	96.9	97.2
2010	56	101.2	98.1	96.5	97.4
2011	60	101.3	96.6	97.3	97.9
2012	47	101.2	97.0	97.4	97.6
2013	50	101.8	97.7	97.0	98.1
2014	62	101.3	97.9	96.9	97.6
2015	40	100.8	97.8	96.5	97.5

Tabel: 210 Verbeterd Roodbont: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	410	99.5	91.5	101.4	99.2	93.0	95.8	92.9
1981	340	100.2	91.9	101.5	99.5	93.2	95.7	93.0
1982	328	100.5	92.4	101.2	99.8	93.7	95.9	93.2
1983	221	100.1	92.6	101.1	99.6	93.3	96.0	93.5
1984	167	100.3	91.9	101.0	99.9	93.0	96.0	93.3
1985	111	100.3	92.4	101.2	99.7	93.0	96.1	93.6
1986	100	100.7	92.9	101.7	99.8	93.4	96.2	93.9

1987	102	100.8	93.1	101.8	100.2	94.3	95.6	93.5
1988	76	101.0	93.2	101.5	100.1	93.9	95.8	93.7
1989	72	101.8	93.7	102.2	100.6	93.7	95.4	93.6
1990	66	102.3	93.7	101.9	101.0	93.6	95.9	93.9
1991	59	102.3	94.3	101.8	100.8	93.5	96.1	94.4
1992	70	102.0	94.0	102.1	100.4	93.7	95.2	93.7
1993	72	101.7	94.8	101.2	100.1	93.5	95.3	94.1
1994	61	102.1	94.9	101.7	100.4	93.9	94.7	93.7
1995	74	102.2	94.6	101.2	101.1	93.5	95.2	93.9
1996	61	103.2	95.5	101.3	101.3	94.1	96.1	94.8
1997	58	102.0	95.3	102.2	101.0	94.8	96.0	94.6
1998	87	101.7	95.6	101.9	100.0	94.2	95.8	94.9
1999	68	102.4	96.1	102.0	100.5	94.4	95.6	94.9
2000	79	102.2	96.8	101.5	100.9	95.0	95.8	94.9
2001	78	101.6	96.2	102.4	100.3	94.8	95.1	94.7
2002	56	102.4	96.6	101.8	100.4	94.9	95.6	95.0
2003	66	102.8	97.3	102.1	100.9	95.3	96.2	95.9
2004	48	103.3	97.6	101.5	101.2	95.7	96.6	96.2
2005	48	102.9	97.0	102.7	100.5	96.1	96.4	96.0
2006	71	102.3	97.3	103.9	99.6	95.1	95.0	94.8
2007	65	102.5	97.2	102.8	100.3	95.3	95.4	95.1
2008	51	102.7	96.6	103.7	100.1	95.2	94.6	94.4
2009	56	102.2	97.3	102.8	99.6	95.9	94.8	94.7
2010	56	102.1	96.6	103.2	99.4	95.4	94.1	93.7
2011	60	102.4	96.9	103.0	100.0	96.0	95.0	94.4
2012	47	102.8	97.1	103.3	99.8	95.0	94.6	94.1
2013	50	103.0	97.3	103.9	100.3	95.9	95.5	95.0
2014	62	103.2	97.3	103.7	100.5	96.2	95.4	95.0
2015	40	103.9	97.5	103.8	101.5	97.2	95.9	95.5

Tabel: 211 Verbeterd Roodbont: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	410	87.2	90.8	96.7	89.8	100.9	87.6
1981	340	87.1	91.0	97.2	89.9	101.0	87.9
1982	328	87.1	90.6	97.7	89.8	100.8	88.1
1983	221	86.9	90.9	97.3	90.3	100.9	88.1
1984	167	86.7	90.8	97.3	90.6	101.1	88.3
1985	111	87.2	91.6	97.3	91.0	101.3	88.7
1986	100	87.1	91.6	97.6	91.1	100.1	88.9
1987	102	87.5	91.4	98.0	90.2	100.0	88.7
1988	76	87.4	91.8	98.0	91.7	99.5	89.5
1989	72	88.4	92.5	98.3	91.7	99.1	90.1
1990	66	87.4	91.5	98.6	92.1	98.6	90.0
1991	59	88.3	93.0	98.5	92.6	99.4	90.7
1992	70	88.4	93.1	98.3	92.9	99.2	90.9
1993	72	88.7	93.7	98.0	94.0	98.2	91.4
1994	61	89.7	94.6	98.2	93.8	98.6	91.9
1995	74	88.7	94.1	98.5	93.9	98.8	91.7
1996	61	89.3	94.7	99.4	94.5	98.7	92.7
1997	58	89.7	95.4	98.9	95.3	98.7	93.1
1998	87	90.0	95.4	98.2	94.8	97.9	92.6
1999	68	90.6	96.5	98.7	95.8	98.2	93.6
2000	79	90.4	96.2	99.0	96.1	98.0	94.0
2001	78	90.3	96.1	98.4	95.9	97.8	93.4
2002	56	91.1	96.8	98.9	96.2	98.2	94.2
2003	66	90.9	96.7	99.3	96.3	98.4	94.5
2004	48	90.8	96.6	99.9	95.8	98.2	94.5
2005	48	91.1	96.4	99.6	95.8	97.8	94.3

2006	71	91.5	96.7	98.5	96.0	97.8	94.0
2007	65	91.8	96.9	99.0	96.7	98.5	94.8
2008	51	92.5	97.7	98.7	97.0	98.6	95.1
2009	56	93.0	98.0	98.7	96.5	97.5	95.1
2010	56	92.4	97.2	98.4	96.9	97.0	94.7
2011	60	92.5	97.7	99.0	97.0	98.0	95.2
2012	47	92.3	97.7	98.7	96.8	98.1	94.9
2013	50	92.9	98.3	99.3	97.5	97.8	95.9
2014	62	92.6	98.3	99.5	97.0	98.3	95.7
2015	40	92.0	98.0	100.6	96.8	98.2	95.8

Tabel: 212 Verbeterd Roodbont: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	747	104.2	105.1	107.6	106.9	105.1	104.0	93.0	107.5
1981	655	104.0	105.0	107.4	106.8	104.9	104.0	93.0	107.3
1982	596	104.7	104.7	107.5	106.8	105.4	104.3	92.5	107.4
1983	435	104.7	104.6	107.4	106.7	105.4	104.4	92.2	107.3
1984	386	104.7	104.4	107.2	106.5	105.2	104.3	92.8	107.1
1985	283	105.1	104.1	107.2	106.5	105.4	104.7	92.5	107.1
1986	292	105.4	103.8	107.0	106.1	105.7	104.3	91.9	106.8
1987	298	105.7	103.3	107.0	105.9	105.9	104.3	91.9	106.7
1988	239	105.6	103.5	106.8	105.9	105.9	104.1	91.5	106.7
1989	212	105.9	103.0	106.8	105.7	106.1	104.2	91.7	106.5
1990	206	105.7	103.0	106.7	105.5	106.0	104.6	91.5	106.3
1991	216	105.6	103.4	106.8	105.7	106.1	104.3	92.1	106.5
1992	236	105.4	103.3	106.6	105.6	106.0	104.6	92.3	106.3
1993	215	105.3	103.2	106.2	105.4	106.0	104.9	92.6	106.1
1994	240	104.9	102.8	105.7	104.9	105.6	104.7	93.2	105.6
1995	225	104.8	102.8	105.6	104.8	105.6	104.2	92.8	105.5
1996	219	104.6	102.8	105.5	104.6	105.3	104.1	92.7	105.3
1997	263	104.3	102.4	105.1	104.2	105.0	103.9	93.4	104.9
1998	288	104.1	102.2	104.5	104.0	104.8	103.9	93.6	104.4
1999	281	103.7	102.6	104.4	104.1	104.7	103.6	93.3	104.5
2000	333	104.0	102.0	104.3	103.8	104.8	104.0	93.7	104.3
2001	288	103.6	102.2	104.0	103.8	104.6	103.7	93.6	104.1
2002	271	104.1	102.2	104.3	103.9	105.0	104.1	93.7	104.3
2003	263	103.7	102.1	103.8	103.7	104.7	103.7	93.9	104.0
2004	256	103.1	102.1	103.4	103.5	104.2	103.2	94.6	103.7
2005	215	104.5	101.6	103.9	103.5	105.1	103.9	94.0	104.0
2006	234	104.9	101.6	104.2	103.7	105.5	104.2	94.3	104.2
2007	250	104.6	101.2	103.9	103.3	105.1	104.1	94.2	103.8
2008	210	104.1	101.4	103.7	103.2	104.8	104.1	94.7	103.7
2009	241	104.0	101.1	103.5	102.9	104.7	104.2	95.1	103.4
2010	210	104.3	101.4	103.8	103.3	105.0	104.5	95.3	103.8
2011	213	104.3	101.5	103.8	103.3	105.1	104.5	95.1	103.8
2012	215	104.3	101.8	104.1	103.6	105.1	104.5	94.9	104.1
2013	254	104.4	101.9	104.2	103.8	105.3	104.5	94.9	104.3
2014	213	104.3	102.2	104.3	104.1	105.2	104.5	95.1	104.4
2015	176	104.1	102.1	104.2	103.9	105.1	104.4	95.2	104.3

Tabel: 213 Verbeterd Roodbont: Gebruikskkenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
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1980	18	97.0	74.6	97.2	102.3	103.9
1981	18	96.8	69.6	97.6	101.9	103.4
1982	28	98.8	62.6	95.5	101.3	102.8
1983	32	99.2	54.8	96.4	101.4	102.4
1984	20	99.0	58.5	96.9	101.7	102.9
1985	24	98.9	77.2	96.4	101.5	102.4
1986	20	100.0	68.7	96.0	101.0	102.0
1987	25	100.2	71.3	95.3	100.2	100.9
1988	28	100.2	80.9	95.0	100.0	100.8
1989	26	100.1	71.8	95.4	100.0	100.9
1990	29	100.1	98.8	96.0	100.2	101.8
1991	27	99.4	95.3	94.6	99.4	101.0
1992	66	99.7	96.9	95.1	99.6	101.0
1993	71	99.8	97.2	95.1	99.2	101.0
1994	58	98.7	97.3	95.6	99.0	101.1
1995	71	99.3	96.5	95.3	98.9	100.7
1996	59	99.8	95.4	95.7	99.5	101.1
1997	56	99.3	94.5	95.6	99.0	100.4
1998	85	99.0	97.4	95.2	98.4	100.2
1999	62	98.5	98.1	95.3	98.2	100.1
2000	80	98.7	96.3	94.8	97.7	99.8
2001	76	98.2	96.4	94.8	97.8	99.8
2002	57	98.5	95.9	94.4	97.3	99.2
2003	66	98.4	97.2	95.5	98.0	99.6
2004	45	98.3	93.0	95.0	97.4	99.2
2005	45	98.0	98.0	94.7	97.1	98.6
2006	67	97.4	95.6	94.7	97.0	98.2
2007	63	97.6	95.9	94.7	96.7	98.2
2008	51	97.4	97.7	95.0	97.1	98.1
2009	53	97.5	97.5	94.9	96.7	97.5
2010	54	96.9	97.3	95.1	96.8	97.6
2011	58	97.6	97.7	94.9	96.7	98.1
2012	46	97.7	97.4	95.2	97.0	98.2
2013	47	98.4	97.8	95.0	96.9	97.9
2014	50	98.3	97.6	95.4	97.5	98.3
2015	35	97.4	96.9	96.0	97.8	98.7

Tabel: 214 Verbeterd Roodbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	68	-132.2	-318.2	-243.2	103.7	107.5	96.7	89.8	98.0
1981	57	-137.0	-328.6	-270.8	103.1	107.3	97.2	89.9	98.3
1982	113	-142.8	-337.2	-252.0	102.5	107.4	97.7	89.8	97.7
1983	115	-143.3	-338.2	-248.5	102.2	107.3	97.3	90.3	98.5
1984	130	-158.7	-349.3	-368.0	102.6	107.1	97.3	90.6	98.9
1985	111	-161.7	-352.6	-393.2	102.2	107.1	97.3	91.0	99.1
1986	142	-155.9	-332.2	-459.4	101.8	106.8	97.6	91.1	98.2
1987	198	-154.2	-312.0	-455.7	100.7	106.7	98.0	90.2	98.2
1988	182	-164.6	-339.9	-514.6	100.6	106.7	98.0	91.7	98.5
1989	174	-154.0	-315.1	-511.8	100.6	106.5	98.3	91.7	98.5
1990	175	-149.7	-326.0	-495.9	101.3	106.3	98.6	92.1	98.9
1991	159	-157.5	-331.3	-518.2	100.3	106.5	98.5	92.6	98.6
1992	170	-144.9	-297.4	-454.2	100.5	106.3	98.3	92.9	98.6
1993	161	-146.8	-304.6	-461.0	100.3	106.1	98.0	94.0	98.4
1994	149	-127.3	-264.4	-414.9	100.2	105.6	98.2	93.8	97.9
1995	159	-125.7	-269.5	-391.7	99.9	105.5	98.5	93.9	97.6
1996	130	-95.4	-238.9	-323.6	100.5	105.3	99.4	94.5	97.8
1997	153	-96.5	-218.9	-294.7	99.8	104.9	98.9	95.3	98.2
1998	198	-99.0	-195.8	-311.7	99.4	104.4	98.2	94.8	97.5

1999	192	-98.5	-202.9	-310.2	99.2	104.5	98.7	95.8	97.6
2000	217	-99.2	-196.3	-314.7	98.7	104.3	99.0	96.1	97.9
2001	197	-97.1	-190.7	-290.1	98.8	104.1	98.4	95.9	97.9
2002	184	-97.6	-182.4	-305.4	98.1	104.3	98.9	96.2	97.7
2003	184	-85.5	-175.2	-265.8	98.8	104.0	99.3	96.3	97.8
2004	172	-80.0	-146.6	-261.1	98.3	103.7	99.9	95.8	97.7
2005	154	-80.4	-136.2	-243.3	97.7	104.0	99.6	95.8	97.9
2006	185	-76.4	-120.7	-230.4	97.4	104.2	98.5	96.0	98.2
2007	178	-73.6	-114.7	-224.6	97.3	103.8	99.0	96.7	98.5
2008	160	-77.7	-120.2	-216.2	97.4	103.7	98.7	97.0	98.2
2009	185	-73.8	-87.1	-218.0	96.7	103.4	98.7	96.5	98.4
2010	157	-72.5	-96.8	-195.9	96.9	103.8	98.4	96.9	98.2
2011	178	-70.3	-110.4	-198.3	97.2	103.8	99.0	97.0	97.9
2012	173	-58.5	-100.3	-179.4	97.4	104.1	98.7	96.8	98.3
2013	214	-60.5	-104.0	-204.1	97.2	104.3	99.3	97.5	98.1
2014	179	-62.4	-116.5	-199.4	97.7	104.4	99.5	97.0	98.2
2015	122	-40.8	-90.9	-139.1	98.2	104.3	100.6	96.8	98.4

Tabel: 215 Verbeterd Roodbont: Klauwgezondheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1998	16	98.3	98.2	98.5	100.6	98.2	97.1	100.4
1999	10	98.3	98.3	97.9	100.7	98.5	96.9	100.6
2000	20	98.0	97.8	97.9	100.7	98.0	96.7	100.7
2001	24	97.8	97.5	98.0	100.6	97.7	96.4	100.5
2002	21	97.6	97.7	98.2	100.0	97.3	96.4	100.5
2003	24	98.7	98.7	98.1	100.0	99.4	96.8	101.6
2004	22	98.1	98.0	98.4	100.1	98.1	96.5	100.9
2005	20	98.4	98.8	98.8	99.8	98.8	96.5	100.9
2006	41	97.9	98.6	97.7	99.6	98.7	96.2	101.1
2007	35	98.3	98.9	97.8	100.1	98.5	96.6	101.1
2008	31	97.8	98.8	97.4	99.4	98.8	96.0	101.2
2009	28	98.1	98.8	98.5	99.6	98.0	96.4	100.3
2010	35	98.7	99.4	98.5	100.1	98.9	97.3	100.9
2011	27	99.0	99.8	98.4	100.1	99.4	97.2	101.1
2012	16	98.8	99.9	98.4	99.6	99.3	97.1	101.1
2013	12	97.9	99.0	97.9	99.6	98.7	96.2	100.8
2014	14	98.6	98.8	98.7	100.0	98.7	96.9	100.9

Tabel: 216 Verbeterd Roodbont: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1982	21	96.5	97.4	96.5	97.4	97.1	99.6
1983	18	97.6	98.7	97.6	98.7	97.4	100.2
1984	15	98.5	98.4	98.5	98.4	97.4	100.3
1985	11	97.8	98.7	97.8	98.7	97.1	100.7
1986	29	97.2	97.6	97.2	97.6	97.4	99.8
1987	51	97.5	97.6	97.5	97.6	97.9	100.1
1988	62	98.0	97.8	98.0	97.8	98.1	100.3
1989	64	98.5	97.6	98.5	97.6	98.4	100.2
1990	78	99.7	97.9	99.7	97.9	99.1	100.8
1991	95	99.1	97.9	99.1	97.9	98.8	100.7
1992	123	98.9	98.0	98.9	98.0	98.7	100.7
1993	157	98.9	98.0	98.9	98.0	99.0	100.4

1994	194	98.7	97.5	98.7	97.5	99.4	99.9
1995	207	98.7	97.3	98.7	97.3	99.0	100.1
1996	190	98.6	97.1	98.6	97.1	99.2	99.8
1997	229	98.7	98.0	98.7	98.0	99.3	100.4
1998	321	98.0	97.6	98.0	97.6	99.0	99.6
1999	320	98.1	97.4	98.1	97.4	99.2	99.2
2000	363	98.4	97.5	98.4	97.5	99.7	99.1
2001	338	98.4	97.8	98.4	97.8	99.9	99.2
2002	359	98.2	97.7	98.2	97.7	99.6	99.2
2003	373	97.8	98.1	97.8	98.1	99.4	99.5
2004	345	97.6	98.2	97.6	98.2	99.4	99.6
2005	308	97.9	98.1	97.9	98.1	99.6	99.8
2006	325	98.2	98.2	98.2	98.2	99.6	100.1
2007	312	98.4	98.4	98.4	98.4	99.8	100.1
2008	273	98.5	97.9	98.5	97.9	100.2	99.5
2009	317	98.5	97.9	98.5	97.9	99.9	99.4
2010	300	98.5	98.0	98.5	98.0	100.0	99.6
2011	295	98.2	97.8	98.2	97.8	99.6	99.5
2012	288	98.8	97.9	98.8	97.9	100.0	99.8
2013	327	98.8	97.9	98.8	97.9	99.9	99.6
2014	307	99.0	97.5	99.0	97.5	100.2	99.3
2015	316	99.0	98.1	99.0	98.1	100.4	99.8
2016	290	99.1	96.8	99.1	96.8	100.2	98.5
2017	294	99.4	91.8	99.4	91.8	100.6	93.4
2018	19	99.5	99.4	99.5	99.4	101.2	100.7

Tabel: 217 Verbeterd Roodbont: Geboortekennmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	60	107.4	98.9	91.8	24.8	21.5	21.0
1981	62	107.0	99.7	92.2	32.4	28.0	27.2
1982	88	107.5	98.5	91.8	46.2	39.7	39.2
1983	93	106.0	99.0	93.1	58.9	52.0	51.5
1984	102	105.9	99.2	93.3	71.6	62.8	62.1
1985	88	106.8	98.4	92.4	54.4	47.2	46.8
1986	64	106.4	97.9	92.7	75.6	64.8	64.2
1987	71	105.7	98.4	93.5	77.1	66.0	65.9
1988	58	106.6	97.5	92.6	79.6	68.2	67.0
1989	41	106.0	98.6	93.1	70.6	60.4	59.7
1990	47	105.3	99.7	93.8	67.4	59.4	59.1
1991	55	105.9	99.6	93.3	43.0	36.4	35.5
1992	54	105.3	99.4	93.9	69.5	59.1	58.2
1993	59	104.8	99.9	94.3	77.5	66.4	65.7
1994	61	104.0	99.4	95.0	92.5	79.5	78.5
1995	62	104.2	99.5	94.9	83.1	73.4	71.8
1996	53	103.5	100.5	95.7	74.5	66.9	66.3
1997	66	103.3	99.9	95.9	91.2	79.8	79.4
1998	93	102.6	100.4	96.5	91.8	80.1	79.3
1999	76	103.0	100.2	96.1	90.1	79.4	78.3
2000	94	102.4	99.9	96.8	98.3	85.6	84.2
2001	93	102.4	100.5	96.7	102.6	89.9	88.5
2002	89	102.2	100.0	96.9	101.7	88.2	86.6
2003	113	102.8	100.1	96.3	101.3	87.9	86.8
2004	107	103.0	99.8	95.9	99.8	86.3	85.0
2005	133	102.9	99.3	95.8	102.2	87.7	86.7
2006	121	102.7	99.0	96.1	102.1	87.3	85.8
2007	182	102.4	98.5	96.5	103.7	89.4	87.1
2008	151	102.0	99.1	97.1	105.3	91.4	88.6
2009	185	102.5	98.9	96.9	102.8	88.6	84.4

2010	163	102.7	98.5	96.7	101.4	87.5	83.0
2011	134	102.2	98.6	97.0	102.2	88.0	84.0
2012	151	102.3	99.1	97.0	103.7	89.7	85.9
2013	158	102.2	98.8	97.0	101.9	88.1	84.4
2014	133	102.3	98.6	96.8	103.4	88.8	85.8
2015	125	101.9	99.5	97.2	87.6	75.4	73.2
2016	132	102.2	98.9	96.7	90.5	77.3	75.2
2017	97	102.0	99.4	97.0	67.1	57.2	55.6
2018	13	101.1	100.2	97.8	57.3	50.1	48.5

Tabel: 218 Verbeterd Roodbont: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	20	98.2	94.0	97.7
1983	18	96.9	93.1	96.3
1984	17	96.2	92.2	95.8
1985	11	97.5	93.6	96.5
1986	28	98.1	93.8	97.4
1987	47	98.6	94.4	97.8
1988	57	97.4	93.3	97.5
1989	64	96.8	92.7	97.7
1990	79	96.0	92.2	97.8
1991	85	96.2	92.1	97.3
1992	106	95.9	91.7	97.2
1993	161	95.7	91.5	97.2
1994	246	94.8	90.3	96.7
1995	228	95.2	91.1	97.4
1996	256	95.3	91.3	97.6
1997	309	95.6	91.5	97.5
1998	413	95.6	91.2	97.3
1999	408	95.7	91.2	97.4
2000	465	95.2	90.5	97.0
2001	438	95.8	91.1	97.5
2002	453	95.6	90.9	97.2
2003	492	96.0	91.1	97.7
2004	460	96.2	91.1	98.0
2005	376	95.2	90.0	97.0
2006	376	94.6	89.4	96.4
2007	370	94.0	88.8	96.2
2008	313	93.7	88.3	96.0
2009	363	93.6	88.2	95.6
2010	346	93.9	88.5	95.9
2011	335	93.9	88.6	96.0
2012	371	94.0	88.9	96.3
2013	392	94.2	88.9	96.2
2014	370	93.6	88.4	96.2
2015	371	94.2	89.0	96.5
2016	347	95.0	89.9	96.9
2017	279	94.9	89.8	96.9
2018	20	94.2	89.2	96.6

Tabel: 219 Verbeterd Roodbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
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2001	195	-2762.2	-10198.3	-491.5	-388.1
2002	183	-2817.6	-10382.4	-499.7	-396.7
2003	183	-2577.9	-9508.4	-455.4	-364.0
2004	173	-2462.9	-8842.5	-442.8	-344.7
2005	150	-2316.3	-8228.2	-414.9	-325.4
2006	185	-2187.0	-7673.1	-397.7	-304.5
2007	178	-2140.8	-7521.0	-387.2	-299.1
2008	160	-2115.9	-7476.7	-386.1	-293.7
2009	187	-2009.4	-7013.5	-363.4	-280.9
2010	158	-1907.8	-6645.1	-348.3	-265.1
2011	179	-1992.5	-6905.2	-365.8	-276.0
2012	174	-1828.1	-6251.7	-338.4	-252.1
2013	217	-1991.4	-7024.2	-365.9	-275.3
2014	181	-2009.2	-7112.7	-364.8	-279.9
2015	135	-1568.2	-5411.9	-290.4	-216.1

Tabel: 220 Verbeterd Roodbont: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
2014	12	96.9	104.5	102.2

Tabel: 221 Verbeterd Roodbont: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	73	99.0	100.9	0	0.0	0	0.0
1981	58	98.3	100.7	0	0.0	0	0.0
1982	114	97.6	100.0	0	0.0	0	0.0
1983	115	98.1	100.6	0	0.0	0	0.0
1984	130	98.1	100.3	0	0.0	0	0.0
1985	111	97.5	99.9	116	-4.1	0	0.0
1986	142	97.7	99.6	109	-4.2	0	0.0
1987	198	97.3	99.7	111	-4.2	0	0.0
1988	182	96.8	99.5	83	-4.0	0	0.0
1989	175	97.4	99.7	82	-3.7	0	0.0
1990	175	97.6	100.3	79	-3.8	0	0.0
1991	159	96.8	99.2	63	-3.8	0	0.0
1992	170	97.9	99.2	73	-3.5	0	0.0
1993	161	96.4	99.4	77	-3.5	0	0.0
1994	150	96.9	99.0	62	-2.9	0	0.0
1995	159	97.4	99.8	77	-3.1	0	0.0
1996	130	97.6	99.8	66	-2.9	0	0.0
1997	153	97.5	99.4	62	-2.4	0	0.0
1998	198	97.0	98.6	91	-2.5	0	0.0
1999	192	97.0	98.8	70	-2.4	0	0.0
2000	217	96.9	98.3	81	-2.4	0	0.0
2001	197	96.6	97.8	80	-2.4	78	91.5
2002	184	96.5	98.0	57	-2.2	56	92.2
2003	184	97.6	98.8	66	-2.0	66	92.3
2004	172	97.1	98.5	50	-2.0	48	91.7
2005	154	97.1	98.3	48	-1.9	48	91.9
2006	185	98.0	98.3	71	-1.9	71	92.3
2007	178	98.1	98.4	65	-1.9	65	92.6
2008	160	98.1	98.9	55	-1.5	51	93.6
2009	185	98.2	98.6	59	-1.2	56	93.5

2010	157	98.3	99.0	59	-1.5	56	92.4
2011	178	97.8	98.5	61	-1.5	59	93.2
2012	173	98.0	99.1	49	-1.5	47	93.3
2013	214	98.0	98.8	51	-1.3	50	93.9
2014	179	97.7	98.7	64	-1.4	62	93.7
2015	122	98.1	98.9	43	-1.4	40	93.4

Tabel: 222 Belgisch Blauw Mixt: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1996	11	-1627.9	-75.8	-67.0	-84.0	-5.2	-13.4	-19.2	-459.2
1998	10	-1581.5	-80.6	-66.1	-81.7	-18.8	-15.1	-18.5	-464.9
1999	14	-1534.9	-74.1	-61.7	-79.5	-10.9	-9.7	-18.4	-432.4
2000	23	-1364.5	-69.9	-58.1	-71.8	-18.2	-15.2	-18.0	-406.7
2001	19	-1671.7	-85.8	-67.2	-84.8	-22.6	-10.9	-16.6	-481.3
2002	12	-1485.9	-76.0	-63.2	-77.4	-19.3	-17.0	-18.5	-442.1
2003	29	-1520.0	-79.1	-65.1	-72.2	-22.5	-17.6	-3.9	-454.9
2004	29	-1555.7	-76.9	-63.1	-72.8	-14.0	-10.7	-2.3	-442.0
2005	34	-1584.0	-82.7	-64.7	-75.2	-24.3	-12.2	-4.2	-461.6
2006	37	-1424.4	-75.9	-60.3	-68.6	-24.6	-15.1	-6.5	-427.1
2007	22	-1428.7	-78.5	-61.2	-68.8	-29.1	-15.7	-5.1	-436.4
2008	20	-1616.7	-84.1	-65.0	-79.2	-24.8	-10.4	-9.8	-466.9
2009	11	-1724.4	-90.6	-67.6	-77.2	-29.1	-8.4	4.8	-490.7
2010	21	-1690.1	-89.3	-67.5	-75.9	-29.1	-9.7	3.9	-487.0
2011	12	-1572.4	-85.8	-65.0	-70.7	-30.7	-13.1	3.5	-467.8

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 223 Belgisch Blauw Mixt: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1996	11	101.6	105.3	102.5	104.4	101.3	100.5	87.5	103.7
1998	11	100.8	106.3	102.9	105.0	101.0	100.3	88.5	104.2
1999	14	102.5	105.3	103.4	104.9	102.0	100.3	87.0	104.4
2000	25	102.2	105.2	103.4	104.7	102.0	101.0	87.7	104.3
2001	19	101.8	105.4	103.1	104.7	101.6	100.5	87.8	104.1
2002	12	102.2	104.8	102.6	104.2	101.8	101.0	88.3	103.5
2003	31	101.5	104.8	102.4	103.9	101.0	100.4	88.6	103.4
2004	31	101.7	104.9	102.5	104.1	101.4	100.4	87.8	103.5
2005	34	101.2	105.5	102.8	104.5	101.2	100.3	88.8	103.9
2006	38	102.1	105.0	103.2	104.5	101.8	100.8	88.3	104.1
2007	23	102.2	105.4	103.4	104.9	101.9	101.0	88.7	104.3
2008	20	101.3	105.0	102.5	104.0	101.1	99.8	87.9	103.5
2009	12	101.5	105.7	102.9	104.8	101.5	99.9	87.6	104.2
2010	24	102.4	104.3	102.8	103.9	101.7	100.7	87.2	103.6
2011	17	102.5	104.9	102.9	104.5	102.0	100.5	87.0	104.0
2012	14	102.3	104.8	102.9	104.4	102.0	100.7	87.5	103.9

Tabel: 224 Belgisch Blauw Mixt: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
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1996	11	-106.6	-459.2	127.1	105.1	103.7	0.0	0.0	0.0
1998	10	-115.3	-464.9	94.6	103.4	104.2	0.0	0.0	0.0
1999	14	-85.5	-432.4	95.9	104.6	104.4	0.0	0.0	0.0
2000	23	-84.7	-406.7	95.4	104.2	104.3	0.0	0.0	0.0
2001	19	-116.6	-481.3	106.6	104.1	104.1	0.0	0.0	0.0
2002	12	-100.8	-442.1	50.4	104.8	103.5	0.0	0.0	0.0
2003	29	-113.9	-454.9	57.2	104.4	103.4	0.0	0.0	0.0
2004	29	-106.8	-442.0	84.4	104.0	103.5	0.0	0.0	0.0
2005	34	-119.6	-461.6	65.8	102.2	103.9	0.0	0.0	0.0
2006	37	-102.7	-427.1	22.9	102.9	104.1	0.0	0.0	0.0
2007	22	-100.0	-436.4	59.0	103.6	104.3	0.0	0.0	0.0
2008	20	-112.1	-466.9	128.4	103.3	103.5	0.0	0.0	0.0
2009	11	-115.0	-490.7	53.5	103.7	104.2	0.0	0.0	0.0
2010	21	-113.5	-487.0	115.4	104.7	103.6	0.0	0.0	0.0
2011	12	-97.9	-467.8	105.6	104.8	104.0	0.0	0.0	0.0

Tabel: 225 Belgisch Blauw Mixt: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1999	11	89.4	104.4	112.9	72.4	65.2	72.7
2000	20	88.9	104.4	112.9	44.9	40.9	44.9
2001	15	89.4	104.7	112.5	66.0	61.3	66.7
2002	11	89.7	104.0	112.2	91.3	83.3	91.4
2003	19	89.6	104.7	112.2	82.9	76.9	85.2
2004	22	89.1	104.6	112.9	85.1	79.0	87.0
2005	24	89.8	104.6	112.2	82.8	76.4	84.0
2006	24	88.9	104.7	113.2	82.3	75.8	84.2
2007	18	90.1	105.1	112.2	94.1	85.8	94.2
2008	10	91.1	103.8	111.0	98.8	89.8	100.6
2010	11	89.7	103.1	112.4	90.4	82.9	92.5

Tabel: 226 Belgisch Blauw Mixt: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17	-1752.1	-5370.4	-327.4	-242.1
2002	12	-1853.6	-5631.3	-336.8	-261.2
2003	25	-1870.2	-5550.0	-343.2	-261.8
2004	27	-1703.7	-5236.0	-311.1	-238.6
2005	29	-1767.3	-5146.2	-335.0	-242.2
2006	33	-1946.2	-5897.1	-364.4	-268.3
2007	20	-1772.5	-5034.6	-334.2	-244.2
2008	19	-1538.2	-4336.1	-297.7	-208.3
2009	10	-2064.9	-6508.1	-394.3	-279.4
2010	19	-1689.8	-4859.4	-329.6	-226.6
2011	13	-1679.5	-4809.8	-323.8	-227.4

Tabel: 227 Belgisch Blauw Mixt: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
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1996	11	99.0	95.4	0	0.0	0	0.0
1998	10	96.2	94.2	0	0.0	0	0.0
1999	14	96.8	95.4	0	0.0	0	0.0
2000	23	96.7	94.5	0	0.0	0	0.0
2001	19	96.2	94.2	0	0.0	0	0.0
2002	12	99.6	96.9	0	0.0	0	0.0
2003	29	98.1	94.7	0	0.0	0	0.0
2004	29	97.6	95.4	0	0.0	0	0.0
2005	34	97.7	95.4	0	0.0	0	0.0
2006	37	97.5	95.1	0	0.0	0	0.0
2007	22	97.5	94.7	0	0.0	0	0.0
2008	20	97.3	96.3	0	0.0	0	0.0
2009	11	97.3	95.5	0	0.0	0	0.0
2010	21	97.7	96.1	0	0.0	0	0.0
2011	12	99.1	97.1	0	0.0	0	0.0

Tabel: 228 Witrood: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1993	11	-777.5	-32.7	-35.6	-45.0	4.5	-11.7	-16.5	-228.4
1997	12	-862.9	-33.2	-37.7	-49.0	10.6	-10.4	-16.8	-239.2
1999	10	-679.7	-36.2	-34.1	-40.7	-9.7	-15.4	-16.6	-228.0
2000	13	-854.8	-42.4	-41.2	-48.6	-7.1	-17.2	-16.7	-272.3
2001	17	-518.2	-33.5	-30.4	-33.2	-15.9	-18.7	-16.1	-205.1
2002	17	-827.4	-42.5	-39.6	-45.5	-9.4	-15.8	-13.1	-265.4
2003	13	-573.5	-31.8	-29.0	-21.4	-10.2	-13.3	8.8	-192.2
2004	17	-619.4	-33.9	-33.0	-20.4	-10.5	-16.4	14.1	-212.6
2005	31	-736.7	-40.3	-35.5	-27.8	-12.5	-14.0	11.0	-238.5
2006	27	-758.4	-36.5	-34.9	-31.9	-3.8	-11.5	5.3	-229.0
2007	20	-511.1	-30.1	-28.3	-19.2	-11.2	-15.1	7.5	-184.8
2008	16	-525.7	-27.7	-28.8	-15.2	-5.0	-14.9	14.8	-180.9
2009	20	-751.9	-37.5	-34.9	-27.7	-5.5	-11.2	14.2	-230.3
2010	13	-677.9	-42.5	-32.8	-29.5	-21.2	-13.3	3.0	-233.0
2011	11	-736.3	-43.0	-33.9	-34.1	-17.8	-12.0	0.0	-239.5
2012	18	-439.8	-26.2	-23.3	-13.3	-8.7	-10.5	12.6	-154.3

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 229 Witrood: Vruchtbaarheidsskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1993	11	103.4	103.5	105.3	105.1	102.5	104.9	93.6	105.3
1997	12	102.5	103.8	104.6	104.8	102.2	104.2	94.8	105.0
1999	10	103.0	104.3	105.4	105.1	103.0	104.8	95.2	105.5
2000	13	103.1	105.2	105.9	106.5	103.2	105.2	95.5	106.4
2001	18	102.7	103.4	104.2	104.5	102.2	104.7	95.9	104.6
2002	19	102.9	103.7	104.5	104.9	102.4	104.8	95.5	104.9
2003	13	102.8	103.5	104.7	104.7	102.5	105.0	96.6	104.9
2004	17	102.1	103.8	103.9	104.6	101.8	104.1	96.1	104.6
2005	32	102.8	102.9	103.9	104.1	102.2	104.3	95.4	104.2
2006	29	102.8	103.7	104.6	105.1	102.6	104.8	96.4	105.1
2007	21	102.8	103.1	104.0	104.2	102.1	104.0	96.0	104.4
2008	21	103.0	102.1	103.7	103.5	102.0	104.0	94.5	103.9
2009	22	102.7	103.0	104.4	104.3	102.2	104.0	94.9	104.6

2010	20	103.5	102.2	104.2	103.8	102.5	104.4	94.0	104.3
2011	14	103.2	102.3	103.7	103.6	102.1	104.1	94.6	103.9
2012	21	103.8	101.8	104.0	103.5	102.6	104.3	94.6	104.1
2013	14	103.4	102.5	104.1	103.9	102.6	104.4	94.6	104.3
2014	13	102.8	102.2	103.3	103.6	101.5	104.0	95.0	103.7

Tabel: 230 Witrood: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1993	11	-86.5	-228.4	119.0	103.7	105.3	95.8	91.2	0.0
1997	12	-84.4	-239.2	244.2	102.9	105.0	96.8	90.8	0.0
1999	10	-77.2	-228.0	172.0	103.2	105.5	97.8	92.5	0.0
2000	13	-66.8	-272.3	214.5	102.5	106.4	98.7	92.0	0.0
2001	17	-65.8	-205.1	204.4	102.0	104.6	98.0	94.0	0.0
2002	17	-105.0	-265.4	190.9	100.6	104.9	95.5	92.5	0.0
2003	13	-63.2	-192.2	189.4	100.3	104.9	98.7	90.7	0.0
2004	17	-74.9	-212.6	211.2	100.8	104.6	97.0	89.0	0.0
2005	31	-79.9	-238.5	208.6	101.4	104.2	97.7	95.7	0.0
2006	27	-88.3	-229.0	175.8	100.2	105.1	98.0	94.0	0.0
2007	20	-78.0	-184.8	178.1	100.7	104.4	0.0	0.0	0.0
2008	16	-65.6	-180.9	187.2	100.9	103.9	0.0	0.0	0.0
2009	20	-64.0	-230.3	174.1	101.6	104.6	100.0	97.0	0.0
2010	13	-80.2	-233.0	196.0	100.7	104.3	0.0	0.0	0.0
2011	11	-76.1	-239.5	198.3	100.5	103.9	0.0	0.0	0.0
2012	18	-34.9	-154.3	213.2	102.4	104.1	0.0	0.0	0.0

Tabel: 231 Witrood: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1993	10	92.2	105.4	113.9	105.2	94.8	100.3
2005	12	90.6	104.2	115.8	105.7	94.0	100.4
2006	14	90.1	104.1	116.4	106.2	94.2	100.9
2007	11	90.8	105.4	115.8	105.5	95.8	101.5

Tabel: 232 Witrood: Levensproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	14	40.5	2284.6	0.1	2.3
2002	17	-352.0	317.6	-61.5	-55.3
2003	11	-76.8	1517.7	-27.8	-9.8
2004	15	-65.8	1384.5	-11.3	-15.1
2005	26	-94.4	1478.5	-25.4	-15.2
2006	24	-260.8	460.8	-48.4	-40.4
2007	17	0.0	1815.9	-1.9	-5.3
2008	16	-58.8	1382.9	-9.6	-14.3
2009	19	-304.4	364.6	-57.7	-45.6
2010	12	-229.8	1004.0	-68.4	-24.5
2011	10	-266.0	765.3	-69.6	-31.7
2012	16	248.1	2796.1	22.8	39.2

Tabel: 233 Witrood: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1993	11	99.9	96.0	6	-1.5	0	0.0
1997	12	98.9	96.2	4	-1.9	0	0.0
1999	10	98.6	97.3	5	-2.1	0	0.0
2000	13	97.8	96.9	5	-2.8	0	0.0
2001	17	99.2	96.9	5	-1.5	1	100.0
2002	17	96.2	96.0	2	-1.1	2	102.5
2003	13	98.2	96.7	6	-1.2	3	98.3
2004	17	97.9	96.5	1	-2.1	1	96.0
2005	31	99.4	96.7	4	-2.3	3	100.3
2006	27	98.1	95.8	4	-1.4	1	107.0
2007	20	99.7	96.0	1	-0.3	0	0.0
2008	16	100.2	95.7	2	-0.7	0	0.0
2009	20	99.7	96.3	8	-2.3	1	102.0
2010	13	100.5	95.4	3	-1.8	0	0.0
2011	11	99.4	96.0	3	-1.9	0	0.0
2012	18	100.2	96.4	4	-1.4	0	0.0

Tabel: 234 Belgisch Blauw: Melkproductiekenmerken
 Basis: Belgisch witblauw
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	14	-2337.6	-110.6	-89.0	-116.3	-15.0	-6.1	-21.7	-632.1
1981	14	-2440.2	-116.4	-91.0	-120.8	-19.1	-1.9	-21.7	-653.7
1982	28	-2546.0	-121.6	-95.9	-125.8	-21.3	-4.9	-22.5	-686.6
1983	26	-2431.6	-118.8	-94.0	-120.4	-26.2	-10.5	-21.6	-670.9
1984	27	-2468.0	-120.9	-94.7	-122.1	-27.6	-9.0	-21.8	-678.9
1985	34	-2444.1	-117.8	-93.6	-121.1	-22.9	-8.6	-21.9	-667.4
1986	30	-2364.5	-116.6	-91.3	-117.4	-27.4	-9.6	-21.4	-654.5
1987	45	-2420.7	-119.4	-93.2	-120.1	-29.2	-9.8	-22.0	-669.1
1988	47	-2432.8	-123.7	-94.3	-120.6	-38.6	-11.3	-21.9	-682.7
1989	35	-2322.3	-114.1	-88.7	-115.5	-26.3	-7.5	-21.2	-638.1
1990	35	-2213.4	-114.2	-86.4	-110.6	-37.5	-10.9	-20.9	-627.2
1991	22	-2136.9	-110.5	-83.9	-107.1	-35.5	-11.1	-20.7	-608.1
1993	13	-2340.1	-120.1	-90.5	-116.4	-39.1	-10.2	-21.6	-658.0
1994	20	-2008.3	-108.1	-81.5	-101.2	-42.0	-16.4	-20.1	-591.6
1995	23	-1884.3	-100.7	-75.6	-95.6	-37.4	-13.1	-19.9	-550.1
1996	17	-1838.2	-100.4	-74.3	-93.4	-41.6	-14.1	-19.4	-543.6
1997	22	-1903.1	-100.5	-76.5	-96.5	-35.1	-13.6	-19.9	-553.4
1998	12	-1474.4	-88.2	-63.7	-76.9	-45.9	-19.0	-18.3	-469.3
1999	16	-1739.5	-99.8	-71.6	-88.9	-48.0	-15.1	-18.9	-529.6
2000	17	-1755.8	-101.0	-73.6	-89.6	-49.5	-19.1	-19.0	-541.0
2002	14	-1510.8	-86.3	-65.9	-78.0	-38.6	-19.9	-17.4	-474.8
2003	13	-1572.6	-92.8	-65.5	-80.8	-47.9	-15.3	-17.4	-487.4
2004	17	-1579.3	-90.0	-64.9	-79.3	-41.2	-13.1	-13.5	-478.9
2008	12	-1422.2	-89.2	-63.2	-69.7	-53.9	-20.9	-7.2	-467.1

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 235 Belgisch Blauw: Exterieurkenmerken bouw
 Basis: Belgisch witblauw

Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1988	10	107.9	92.9	105.7	114.1	87.7	92.5	98.4
1989	23	107.0	92.3	104.7	112.8	87.5	92.5	98.1
1990	14	108.9	93.1	105.6	114.2	87.8	93.5	98.4
1991	17	107.6	92.6	105.1	113.4	87.1	92.2	98.2
1994	14	106.9	92.8	104.1	112.6	88.1	92.9	98.1
1995	17	107.5	92.6	105.1	113.6	87.2	92.8	97.9
1997	12	107.6	92.8	104.4	113.4	88.1	94.7	98.8
1998	13	107.7	92.8	105.0	113.5	87.5	93.3	98.0
1999	12	108.0	92.5	105.4	114.2	87.0	92.7	98.8
2001	11	107.4	92.5	104.7	113.5	87.3	91.8	98.6

Tabel: 236 Belgisch Blauw: Exterieurkenmerken beenwerk
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1988	10	99.4	102.1	93.3	100.0
1989	23	98.7	101.8	92.2	99.1
1990	14	99.5	102.7	93.4	100.2
1991	17	99.3	102.2	92.5	99.8
1994	14	98.1	102.7	91.8	98.8
1995	17	98.8	102.5	92.6	99.6
1997	12	97.4	102.8	92.8	98.7
1998	13	98.2	102.5	92.2	99.0
1999	12	99.2	102.2	92.5	99.8
2001	11	98.2	101.8	92.5	98.6

Tabel: 237 Belgisch Blauw: Exterieurkenmerken uier
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1988	10	108.6	106.0	99.5	108.2	112.5	105.8	104.9
1989	23	108.2	105.7	99.6	107.8	110.9	105.2	104.2
1990	14	109.6	107.1	100.2	109.1	112.5	106.5	105.4
1991	17	109.1	106.2	99.5	108.4	112.0	105.8	104.9
1994	14	108.1	105.1	99.9	107.1	111.1	104.9	104.1
1995	17	108.7	106.3	98.9	107.9	111.8	105.9	105.2
1997	12	108.8	105.9	99.5	108.0	111.8	105.6	104.7
1998	13	108.5	106.2	99.3	108.0	111.2	105.5	104.5
1999	12	109.0	106.7	99.1	108.3	112.8	105.6	105.0
2001	11	108.4	105.6	99.3	107.5	112.5	105.4	104.2

Tabel: 238 Belgisch Blauw: Exterieurkenmerken bovenbalk
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1988	10	94.0	99.6	111.6	98.8	92.4	103.9
1989	23	93.7	98.7	110.7	97.9	92.6	102.5
1990	14	94.9	99.9	112.5	99.1	92.6	104.6

1991	17	93.8	98.8	111.7	98.6	92.2	103.4
1994	14	94.1	99.3	110.4	97.2	92.9	102.4
1995	17	93.9	98.9	111.3	98.2	92.2	103.2
1997	12	95.3	99.8	111.4	97.2	93.1	103.1
1998	13	94.2	99.2	111.1	97.5	92.5	102.7
1999	12	94.2	99.3	112.0	98.5	91.8	103.8
2001	11	93.5	99.3	111.2	97.4	92.1	102.5

Tabel: 239 Belgisch Blauw: Vruchtbaarheidskenmerken
 Basis: Belgisch witblauw
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	29	96.7	104.4	101.2	102.8	97.8	99.8	112.9	102.1
1981	30	97.3	104.7	101.5	103.1	98.5	99.4	112.8	102.5
1982	55	97.0	103.4	100.4	101.9	97.7	99.1	111.6	101.3
1983	79	97.1	104.2	101.2	102.7	98.2	99.7	112.6	102.1
1984	83	96.8	103.9	100.6	102.3	97.7	99.6	113.4	101.6
1985	108	97.2	103.9	101.3	102.7	98.2	100.1	113.4	102.2
1986	141	97.5	103.9	101.7	102.8	98.7	100.5	113.1	102.4
1987	195	97.7	103.3	101.3	102.2	98.6	100.5	112.7	101.9
1988	264	97.9	103.2	102.2	102.5	99.1	101.1	113.6	102.5
1989	394	97.8	103.3	102.0	102.5	99.1	100.8	113.4	102.4
1990	483	97.8	102.9	101.4	102.0	98.8	100.8	112.5	101.8
1991	610	97.4	103.0	101.2	101.9	98.5	100.4	112.6	101.7
1992	700	97.6	102.7	100.8	101.6	98.5	100.2	110.5	101.3
1993	739	97.5	102.5	100.5	101.3	98.3	99.9	110.2	101.0
1994	803	97.7	102.1	100.1	100.9	98.3	99.7	108.4	100.6
1995	881	97.9	101.9	100.1	100.8	98.5	99.8	107.9	100.5
1996	868	98.2	101.7	100.1	100.6	98.6	99.7	107.0	100.4
1997	986	98.3	101.6	100.0	100.6	98.7	99.7	106.7	100.3
1998	1083	98.7	101.4	100.1	100.5	99.0	99.6	105.7	100.3
1999	1103	98.7	101.5	100.1	100.6	99.1	99.7	105.4	100.4
2000	1275	98.8	101.3	100.0	100.4	99.2	99.5	104.0	100.2
2001	1258	98.9	101.2	100.0	100.4	99.3	99.4	103.4	100.2
2002	1302	99.3	101.1	100.1	100.4	99.5	99.4	102.2	100.3
2003	1366	99.5	100.9	100.1	100.3	99.6	99.3	101.5	100.2
2004	1431	99.7	100.5	99.9	100.0	99.7	99.0	100.2	100.0
2005	1569	99.8	100.4	100.0	99.9	99.7	99.0	99.6	99.9
2006	1638	100.1	100.2	100.0	99.9	99.8	99.0	98.6	99.9
2007	1600	100.3	100.1	100.0	99.7	100.0	99.1	97.9	99.8
2008	1636	100.5	99.9	100.0	99.6	100.1	99.3	97.8	99.8
2009	1487	100.9	99.7	100.1	99.6	100.4	99.6	98.1	99.8
2010	1470	100.9	99.5	100.2	99.4	100.4	100.0	98.6	99.8
2011	1421	101.3	99.0	100.1	99.1	100.6	100.4	98.2	99.5
2012	1336	101.8	98.6	100.2	99.0	100.9	100.9	98.4	99.5
2013	1153	102.4	98.2	100.2	98.8	101.2	101.4	98.4	99.4
2014	920	102.5	97.9	100.2	98.6	101.2	101.6	98.3	99.3
2015	620	102.6	97.7	100.0	98.4	101.2	101.9	98.6	99.1
2016	53	102.9	97.5	99.9	98.2	101.3	102.3	98.4	98.9

Tabel: 240 Belgisch Blauw: NVI met onderliggende kenmerken
 Basis: Belgisch witblauw
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1981	11	-213.5	-653.7	-1118.0	103.7	102.5	110.0	97.0	0.0
1982	24	-222.5	-686.6	-787.0	103.9	101.3	112.0	99.0	0.0

1983	22	-229.7	-670.9	-751.5	103.5	102.1	108.0	96.0	0.0
1984	25	-230.1	-678.9	0.0	104.0	101.6	0.0	0.0	0.0
1985	30	-226.4	-667.4	0.0	104.6	102.2	0.0	0.0	0.0
1986	28	-218.1	-654.5	-433.2	103.8	102.4	109.3	97.7	0.0
1987	44	-218.9	-669.1	0.0	104.4	101.9	111.4	98.4	0.0
1988	45	-229.4	-682.7	182.0	104.2	102.5	111.6	98.8	94.0
1989	34	-185.2	-638.1	-309.0	104.1	102.4	110.7	97.9	0.0
1990	34	-182.1	-627.2	-90.7	104.3	101.8	112.5	99.1	0.0
1991	21	-172.0	-608.1	0.0	104.1	101.7	111.7	98.6	0.0
1993	11	-207.3	-658.0	194.0	104.0	101.0	110.8	97.4	0.0
1994	16	-193.2	-591.6	206.0	103.8	100.6	110.4	97.2	0.0
1995	20	-166.7	-550.1	216.2	104.0	100.5	111.3	98.2	94.0
1996	16	-181.3	-543.6	195.8	104.1	100.4	110.5	96.9	97.5
1997	20	-175.4	-553.4	232.3	104.0	100.3	111.4	97.2	97.5
1998	10	-141.1	-469.3	176.0	104.0	100.3	111.1	97.5	98.0
1999	15	-175.1	-529.6	224.0	103.8	100.4	112.0	98.5	97.3
2000	14	-178.4	-541.0	182.3	103.9	100.2	111.4	98.2	97.2
2002	14	-173.9	-474.8	195.4	103.5	100.3	113.0	99.2	98.2
2003	12	-154.7	-487.4	204.3	103.7	100.2	112.0	98.0	97.0
2004	17	-151.6	-478.9	208.3	103.7	100.0	111.2	99.2	97.7
2008	12	-149.1	-467.1	234.7	103.2	99.8	111.0	98.3	99.0

Tabel: 241 Belgisch Blauw: Levensvatbaarheidskenmerken
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	18	91.5	0.0	91.5	0.0	93.1	0.0
1988	27	91.1	3.5	91.1	3.5	92.2	3.5
1989	42	91.4	0.0	91.4	0.0	93.0	0.0
1990	40	91.5	0.0	91.5	0.0	93.5	0.0
1991	34	91.3	0.0	91.3	0.0	92.7	0.0
1992	48	91.7	0.0	91.7	0.0	93.5	0.0
1993	27	91.8	0.0	91.8	0.0	93.4	0.0
1994	46	92.1	0.0	92.1	0.0	93.5	0.0
1995	36	92.0	5.4	92.0	5.4	93.9	5.3
1996	31	92.2	0.0	92.2	0.0	93.7	0.0
1997	30	92.4	0.0	92.4	0.0	94.4	0.0
1998	29	92.4	0.0	92.4	0.0	94.2	0.0
1999	40	92.2	0.0	92.2	0.0	94.2	0.0
2000	56	92.3	0.0	92.3	0.0	94.1	0.0
2001	44	92.5	0.0	92.5	0.0	94.2	0.0
2002	24	92.6	0.0	92.6	0.0	94.3	0.0
2003	23	92.0	0.0	92.0	0.0	93.2	0.0
2004	24	92.0	0.0	92.0	0.0	94.2	0.0
2005	16	92.9	0.0	92.9	0.0	95.0	0.0
2006	24	92.6	0.0	92.6	0.0	94.3	0.0
2007	16	93.5	0.0	93.5	0.0	95.3	0.0
2008	12	92.8	7.9	92.8	7.9	94.8	7.9
2009	12	93.3	8.0	93.3	8.0	95.8	8.0
2010	11	90.9	0.0	90.9	0.0	92.1	0.0
2011	12	92.3	0.0	92.3	0.0	94.2	0.0

Tabel: 242 Belgisch Blauw: Geboortekenmerken
Basis: Belgisch witblauw
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
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1980	11	105.5	103.8	96.0	7.9	8.7	10.0
1981	10	105.9	103.7	95.3	27.6	29.6	33.1
1982	36	107.6	102.8	93.5	23.2	24.1	27.4
1983	39	108.2	102.7	93.1	31.1	32.3	36.6
1984	43	107.5	102.4	93.6	28.1	28.7	32.8
1985	50	108.1	102.0	92.9	30.0	30.5	34.7
1986	58	108.8	102.1	92.4	49.2	50.0	57.0
1987	97	107.6	102.7	93.6	51.0	52.3	59.5
1988	117	108.8	102.4	92.4	69.5	71.3	81.0
1989	156	109.8	102.2	91.2	73.2	75.3	84.5
1990	190	109.2	102.0	91.9	65.2	67.5	76.3
1991	171	109.6	101.9	91.6	64.1	66.3	75.6
1992	192	109.4	102.0	91.9	70.6	73.8	84.7
1993	204	109.0	102.1	92.3	61.1	63.6	73.1
1994	243	109.1	101.8	92.3	73.1	76.1	87.8
1995	260	109.0	101.8	92.2	68.9	71.6	82.7
1996	273	109.1	101.6	92.2	72.3	74.9	86.4
1997	314	109.3	101.8	91.9	71.1	73.8	85.4
1998	378	109.3	101.1	92.1	73.4	75.3	86.6
1999	420	109.3	101.3	92.0	76.3	78.8	90.5
2000	478	109.1	101.3	92.3	81.1	84.0	96.4
2001	459	109.2	101.3	92.3	83.8	86.0	98.8
2002	544	108.9	101.2	92.7	83.2	85.6	98.0
2003	639	109.3	101.0	92.3	88.4	90.4	103.9
2004	806	108.5	101.3	93.2	88.1	90.3	104.4
2005	943	107.8	101.4	93.8	89.3	91.7	106.0
2006	1004	108.0	101.2	93.5	89.6	91.1	104.9
2007	1304	107.1	101.2	94.3	91.4	92.9	106.7
2008	1323	106.6	101.0	94.8	91.5	92.4	106.1
2009	1238	106.8	101.2	94.6	91.5	92.9	106.4
2010	1228	106.6	101.3	94.5	91.3	93.3	106.9
2011	1168	105.7	101.8	95.6	92.1	93.4	106.9
2012	1107	105.0	101.9	96.4	92.7	93.5	106.7
2013	928	104.7	101.4	96.4	92.5	93.2	106.5
2014	856	104.5	101.5	96.8	92.0	92.3	105.5
2015	641	104.7	101.6	96.7	93.0	93.0	106.7
2016	516	105.8	101.4	95.7	93.4	93.2	107.1
2017	458	105.2	101.6	96.2	90.9	90.9	104.8
2018	77	104.6	102.1	97.2	86.0	86.2	99.7

Tabel: 243 Belgisch Blauw: Vleeskenmerken
 Basis: Belgisch witblauw
 Land: NL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2000	10	95.2	92.0	100.1	92.3	95.5	101.4	98.8	100.3	96.2	101.5	94.4
2002	14	97.5	95.2	99.3	96.1	95.9	99.6	101.2	101.1	96.9	101.2	97.8
2003	10	98.1	96.5	100.7	96.8	95.2	99.0	102.6	100.4	98.2	102.6	98.8
2004	10	97.2	93.0	99.7	94.5	96.0	99.3	100.8	101.2	97.8	101.0	98.5
2006	15	94.9	93.9	100.2	93.7	95.3	99.6	98.3	100.8	97.0	101.0	93.5

Tabel: 244 Belgisch Blauw: Overige productie en efficiency kenm.
 Basis: Belgisch witblauw
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	14	101.1	94.8	0	0.0	0	0.0
1981	14	101.1	95.3	0	0.0	0	0.0

1982	28	101.8	95.9	0	0.0	0	0.0
1983	26	101.0	97.0	0	0.0	0	0.0
1984	27	101.7	96.1	0	0.0	0	0.0
1985	34	101.0	96.0	0	0.0	0	0.0
1986	30	100.9	97.1	0	0.0	0	0.0
1987	45	100.3	98.2	0	0.0	0	0.0
1988	47	99.9	98.1	0	0.0	0	0.0
1989	35	100.3	99.1	0	0.0	0	0.0
1990	35	100.1	99.0	0	0.0	0	0.0
1991	22	99.7	99.0	0	0.0	0	0.0
1993	13	99.5	99.8	0	0.0	0	0.0
1994	20	99.5	98.7	0	0.0	0	0.0
1995	23	99.7	98.5	0	0.0	0	0.0
1996	17	100.4	99.1	0	0.0	0	0.0
1997	22	99.1	97.5	0	0.0	0	0.0
1998	12	99.5	99.2	0	0.0	0	0.0
1999	16	100.1	99.1	0	0.0	0	0.0
2000	17	99.4	97.2	0	0.0	0	0.0
2002	14	98.4	96.8	0	0.0	0	0.0
2003	13	99.5	98.1	0	0.0	0	0.0
2004	17	98.9	97.5	0	0.0	0	0.0
2008	12	100.7	99.2	0	0.0	0	0.0

Tabel: 245 British Friesian: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	27	-778.9	-26.0	-41.6	-45.1	15.8	-22.9	-16.7	-238.9
1981	28	-656.8	-23.4	-38.9	-39.6	10.6	-25.5	-16.2	-220.6
1985	10	-935.6	-35.2	-44.6	-52.3	11.7	-18.4	-17.0	-272.6

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 246 British Friesian: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	56	96.1	87.9	95.9	101.1	88.1	89.4	91.9
1981	65	96.8	87.8	96.1	101.0	87.6	87.9	93.4
1982	25	94.7	87.0	94.6	99.2	87.3	89.6	91.9

Tabel: 247 British Friesian: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	56	91.0	101.4	84.7	88.3
1981	65	91.4	101.3	84.4	89.0
1982	25	92.7	99.4	85.2	89.6

Tabel: 248 British Friesian: Exterieurkenmerken uier
Basis: Dubbeldoel

Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	56	101.8	97.4	98.6	103.5	102.3	98.8	96.1
1981	65	101.4	97.3	97.3	103.0	103.2	99.3	96.5
1982	25	100.1	97.9	97.3	101.6	102.1	98.8	96.5

Tabel: 249 British Friesian: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	56	84.8	88.7	103.2	86.1	90.9	88.1
1981	65	84.8	88.6	103.3	86.6	91.5	88.4
1982	25	84.2	86.4	101.8	87.3	91.8	87.4

Tabel: 250 British Friesian: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	78	99.9	102.3	103.6	102.1	100.9	103.1	95.8	103.0
1981	84	101.1	102.8	104.6	103.0	102.1	103.2	97.1	104.0
1982	36	101.2	102.8	105.1	103.2	102.2	103.1	96.2	104.4
1983	13	102.5	102.0	105.1	102.8	102.7	103.4	95.4	104.2
1985	15	103.1	102.3	105.5	103.3	103.1	103.8	95.3	104.6

Tabel: 251 British Friesian: Gebruikskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	10	94.8	78.1	99.3	104.6	103.7

Tabel: 252 British Friesian: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	26	-113.8	-238.9	53.7	105.2	103.0	103.2	86.1	97.8
1981	27	-93.4	-220.6	100.9	104.6	104.0	103.3	86.6	96.6
1985	10	-129.7	-272.6	-342.6	102.0	104.6	103.0	90.5	0.0

Tabel: 253 British Friesian: Levensvatbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
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1981	11	98.9	96.1	98.9	96.1	100.4	97.4
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Tabel: 254 British Friesian: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	10	100.6	103.3	100.0	81.0	79.8	81.2
1981	12	100.4	102.4	100.3	75.5	74.0	74.6

Tabel: 255 British Friesian: Kalvervitaliteit
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	11	100.4	97.4	101.0

Tabel: 256 British Friesian: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	27	98.6	102.7	0	0.0	0	0.0
1981	28	98.5	99.9	0	0.0	0	0.0
1985	10	95.8	101.5	3	-4.0	0	0.0

Tabel: 257 Brand rood: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2004	17	-958.9	-47.8	-42.6	-46.1	-9.4	-12.9	-3.3	-289.1
2006	12	-972.5	-48.9	-40.3	-45.1	-10.3	-7.6	-0.2	-281.7
2007	19	-1009.1	-52.6	-43.4	-47.9	-13.8	-11.1	-2.7	-302.7
2008	17	-796.6	-41.8	-37.4	-38.2	-11.3	-13.8	-2.1	-252.5
2009	15	-900.4	-44.8	-36.5	-41.9	-8.9	-6.0	-0.5	-256.5
2010	17	-781.4	-40.4	-35.5	-35.1	-10.1	-10.9	2.1	-241.1
2011	20	-776.2	-42.9	-36.0	-35.2	-14.4	-12.8	1.2	-248.3
2012	18	-597.8	-35.9	-30.9	-24.6	-15.8	-15.1	5.3	-209.6
2013	27	-557.3	-33.1	-29.1	-27.1	-13.6	-14.3	-2.5	-197.1
2014	22	-612.2	-31.1	-30.1	-27.7	-6.7	-12.8	1.1	-197.3

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 258 Brand rood: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
2000	11	102.5	100.9	103.9	102.3	101.6	100.9	86.2	103.3

2001	14	103.9	101.9	104.9	103.1	102.4	101.5	86.7	104.1
2002	23	103.9	100.9	104.2	102.5	102.0	101.3	86.1	103.6
2003	30	103.2	100.8	103.6	102.0	101.5	100.8	85.4	103.0
2004	62	102.5	101.0	103.9	102.3	101.8	101.2	85.2	103.4
2005	41	102.6	101.1	104.1	102.3	101.9	101.1	85.5	103.3
2006	60	102.5	101.0	103.8	102.2	101.6	100.9	85.3	103.2
2007	69	102.5	101.1	103.8	102.3	101.6	100.9	85.7	103.3
2008	88	102.7	101.3	104.1	102.5	101.9	101.1	85.8	103.5
2009	114	103.1	101.4	104.2	102.7	102.0	101.1	85.9	103.7
2010	122	102.7	101.1	104.0	102.3	101.8	101.0	85.4	103.3
2011	150	102.7	100.8	103.8	102.1	101.8	101.0	85.5	103.2
2012	140	102.8	100.3	103.7	101.8	101.8	101.1	85.8	103.0
2013	141	102.7	100.5	103.6	101.8	101.8	101.1	86.0	102.9
2014	98	102.6	101.0	104.1	102.4	101.8	101.1	86.4	103.4
2015	38	102.4	100.8	103.7	102.0	101.7	100.9	87.1	103.1

Tabel: 259 Brand rood: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
2004	17	-83.5	-289.1	-65.2	102.5	103.4	0.0	0.0	98.5
2006	11	-118.1	-281.7	-343.4	101.5	103.2	0.0	0.0	98.1
2007	19	-102.3	-302.7	-233.9	103.1	103.3	0.0	0.0	97.7
2008	17	-80.8	-252.5	-148.8	101.5	103.5	0.0	0.0	98.3
2009	15	-83.1	-256.5	-193.7	101.4	103.7	0.0	0.0	98.2
2010	17	-70.4	-241.1	-140.6	101.3	103.3	0.0	0.0	98.5
2011	20	-79.6	-248.3	-139.2	101.2	103.2	0.0	0.0	98.4
2012	18	-54.7	-209.6	-60.6	101.7	103.0	0.0	0.0	98.1
2013	27	-56.9	-197.1	-45.8	100.4	102.9	0.0	0.0	98.2
2014	22	-47.6	-197.3	-5.9	101.5	103.4	0.0	0.0	98.0

Tabel: 260 Brand rood: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
2004	21	98.4	98.6	98.4	98.6	100.1	98.8
2005	14	99.1	98.9	99.1	98.9	100.9	99.2
2006	23	98.1	98.4	98.1	98.4	100.1	98.5
2007	26	98.0	98.2	98.0	98.2	100.0	98.5
2008	39	98.2	98.6	98.2	98.6	100.1	98.5
2009	43	98.7	98.0	98.7	98.0	100.7	98.5
2010	58	98.9	96.7	98.9	96.7	100.8	96.9
2011	65	98.8	98.6	98.8	98.6	100.6	98.6
2012	80	99.1	98.1	99.1	98.1	100.9	98.6
2013	69	99.1	92.5	99.1	92.5	100.9	92.9
2014	77	98.9	90.4	98.9	90.4	100.8	90.8
2015	47	99.2	91.8	99.2	91.8	101.0	92.3
2016	54	99.2	83.2	99.2	83.2	101.1	83.8
2017	46	99.2	70.0	99.2	70.0	100.9	70.5

Tabel: 261 Brand rood: Geboortekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2004	21	103.9	101.6	93.9	59.6	52.4	52.0
2005	12	103.3	100.9	94.2	68.8	60.8	61.9
2006	21	101.1	102.5	96.6	69.4	61.4	61.5
2007	24	102.4	101.2	95.4	64.7	57.8	57.5
2008	39	102.2	100.8	95.7	58.5	51.8	51.8
2009	42	102.8	101.4	95.0	72.0	63.0	63.9
2010	37	103.3	100.9	94.3	84.5	74.1	74.3
2011	50	101.4	102.1	96.3	56.4	49.0	50.0
2012	43	100.4	104.1	97.5	70.4	61.7	63.8
2013	44	101.8	101.5	95.8	33.4	28.6	29.2
2014	40	103.5	100.5	94.1	23.6	20.3	20.4
2015	31	103.2	100.2	94.5	13.5	11.8	11.9

Tabel: 262 Brand rood: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2003	11	107.1	101.5	99.7
2004	32	107.3	101.5	99.9
2005	29	107.1	101.4	100.2
2006	29	107.9	102.3	100.6
2007	40	107.7	102.2	100.9
2008	53	107.9	102.3	100.5
2009	51	107.7	102.0	100.5
2010	58	107.4	101.9	100.5
2011	64	107.9	102.4	100.6
2012	70	107.2	101.7	100.7
2013	79	106.9	101.3	100.8
2014	76	107.0	101.3	100.8
2015	43	107.0	101.5	100.7
2016	45	107.0	101.5	100.6
2017	28	106.9	101.4	100.6

Tabel: 263 Brand rood: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	13	-1959.3	-6353.5	-349.0	-277.3
2007	12	-2792.2	-9711.9	-503.2	-389.8
2008	13	-2314.2	-7977.2	-418.4	-322.6
2009	16	-2428.8	-8605.8	-440.4	-337.6
2010	14	-2235.8	-7621.6	-407.9	-310.1
2011	16	-2175.5	-7325.9	-394.1	-303.6
2012	17	-1585.9	-4806.2	-292.4	-220.5
2013	15	-1383.1	-4059.6	-258.3	-191.1
2014	16	-1298.5	-4007.3	-235.3	-182.4

Tabel: 264 Brand rood: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
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2004	17	100.4	100.4	17	-2.4	0	0.0
2006	12	101.8	99.2	12	-2.2	0	0.0
2007	19	101.8	98.6	19	-2.5	0	0.0
2008	17	101.9	98.8	17	-1.9	0	0.0
2009	15	102.1	99.7	15	-1.9	0	0.0
2010	17	101.6	99.8	17	-1.8	0	0.0
2011	20	101.2	98.8	20	-1.9	0	0.0
2012	18	101.6	99.1	18	-1.5	0	0.0
2013	27	100.7	98.1	27	-1.5	0	0.0
2014	22	100.9	98.6	22	-1.5	0	0.0

Tabel: 265 Fleck Vieh: Melkproductiekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	10	-252.4	-21.8	-17.6	-21.1	-16.1	-13.5	-15.5	-124.3
1985	14	74.5	-10.2	-6.5	-6.3	-19.9	-13.7	-15.1	-50.1
1986	15	324.1	-0.8	1.6	5.2	-22.3	-15.3	-14.5	6.5
1987	34	167.2	-5.6	-4.2	-2.0	-19.3	-15.2	-14.9	-29.4
1988	29	-142.2	-18.3	-15.3	-16.1	-18.2	-15.7	-15.4	-105.9
1989	27	-470.7	-20.1	-24.9	-31.1	3.7	-11.4	-16.2	-153.5
1990	45	134.1	-5.8	-7.2	-3.5	-16.6	-17.7	-15.0	-42.9
1991	34	-59.9	-10.7	-13.9	-12.4	-11.1	-18.0	-15.4	-83.2
1992	35	163.1	-2.5	-8.1	-2.2	-13.4	-21.1	-14.7	-39.0
1993	42	271.6	-3.1	-6.0	2.8	-21.6	-23.3	-14.6	-30.1
1994	50	196.9	-1.5	-5.5	-0.6	-15.2	-19.1	-14.8	-26.1
1995	77	207.0	6.0	-3.6	-0.1	-4.3	-16.6	-14.7	-2.0
1996	83	162.7	0.2	-4.6	-2.2	-9.9	-15.8	-14.9	-19.0
1997	79	343.6	5.0	-1.2	6.1	-14.8	-20.2	-14.5	7.4
1998	169	151.8	-3.1	-5.0	-2.7	-14.3	-15.9	-14.9	-27.8
1999	218	24.3	-7.6	-10.8	-8.6	-12.9	-17.9	-15.2	-63.1
2000	203	-20.1	-7.2	-11.3	-10.5	-9.3	-16.4	-15.2	-64.8
2001	427	-153.7	-22.2	-16.4	-16.5	-24.3	-16.9	-15.1	-118.7
2002	490	-147.8	-19.1	-15.8	-16.5	-19.7	-16.4	-15.6	-110.0
2003	514	-99.3	-15.1	-13.6	-14.8	-16.4	-15.4	-16.3	-92.1
2004	431	147.7	-6.6	-6.2	-3.9	-19.7	-17.5	-16.4	-40.6
2005	885	152.6	-6.1	-6.1	-4.6	-19.2	-17.5	-18.0	-39.1
2006	567	284.0	-0.8	-1.3	2.0	-19.6	-17.2	-16.6	-6.3
2007	469	337.7	0.9	1.7	5.1	-20.6	-15.6	-15.6	10.1
2008	590	326.6	1.8	1.0	4.1	-18.5	-16.1	-16.3	9.2
2009	466	409.0	6.1	4.2	7.6	-17.2	-15.7	-16.6	32.3
2010	678	510.8	8.8	6.3	12.4	-19.8	-17.8	-16.1	48.0
2011	547	630.3	13.4	11.0	16.3	-20.4	-17.0	-18.1	78.1
2012	708	829.0	21.9	18.0	26.4	-20.1	-16.8	-16.4	127.9
2013	737	926.2	26.4	21.6	30.7	-19.6	-16.7	-16.5	153.4
2014	752	1017.7	30.8	24.7	33.8	-18.8	-16.7	-17.6	176.3
2015	585	1138.4	36.4	29.2	37.2	-18.4	-16.6	-20.2	207.1
2016	10	1218.0	43.9	32.6	37.7	-13.1	-15.9	-24.0	237.3

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 266 Fleck Vieh: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1989	11	103.2	101.7	100.5	99.1	101.9	97.3	93.5

1990	21	103.3	102.2	100.8	99.1	101.9	98.0	92.4
1992	16	104.5	102.6	100.6	99.1	102.3	99.0	92.5
1993	23	105.0	103.9	100.8	99.0	103.7	101.3	92.2
1994	28	104.3	102.9	101.0	98.9	102.8	99.8	92.4
1995	35	104.0	103.1	101.0	99.4	102.7	97.8	92.4
1996	28	104.9	103.4	100.6	98.7	103.6	99.1	92.2
1997	33	104.3	102.3	100.7	99.3	102.5	98.3	92.6
1998	32	102.8	100.8	100.5	99.7	100.8	97.3	92.1
1999	49	104.0	101.6	99.4	99.0	101.3	99.0	93.3
2000	27	103.6	102.2	99.8	98.3	102.6	99.4	92.8
2001	53	103.0	101.9	99.3	98.2	101.5	98.3	92.8
2002	60	101.8	100.1	97.4	97.0	100.7	98.2	92.5
2003	64	103.9	102.4	100.1	98.7	102.6	99.5	92.3
2004	45	103.1	102.0	99.0	97.9	102.2	99.2	92.3
2005	92	103.8	102.3	99.1	97.9	102.4	100.3	92.7
2006	46	103.7	103.0	100.1	98.1	103.1	100.1	92.2
2007	36	103.7	103.5	100.5	98.3	103.4	99.1	93.3
2008	46	103.5	102.4	100.0	98.6	102.8	99.2	92.7
2009	29	103.1	102.2	99.6	98.0	102.8	99.3	91.6
2010	45	103.5	102.6	99.6	98.0	103.2	99.5	92.2
2011	25	103.7	102.5	99.3	97.6	103.4	100.2	91.9
2012	17	104.0	103.2	100.9	99.3	103.9	100.9	92.5
2013	35	106.5	103.3	101.7	100.1	103.5	100.2	92.7
2014	18	105.1	103.4	101.5	99.3	103.9	100.9	92.9
2015	16	107.2	104.7	103.8	101.9	102.9	101.4	94.8

Tabel: 267 Fleck Vieh: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1989	11	98.5	96.0	101.5	98.3
1990	21	99.4	94.7	103.9	98.6
1992	16	100.4	94.9	105.1	99.5
1993	23	102.3	94.4	107.0	101.3
1994	28	102.6	94.5	105.9	100.9
1995	35	100.7	94.7	105.9	99.8
1996	28	101.5	94.5	106.8	100.2
1997	33	100.8	95.1	105.6	99.4
1998	32	101.4	94.2	103.9	99.9
1999	49	100.2	94.9	104.1	99.1
2000	27	101.6	94.3	105.1	100.0
2001	53	100.9	94.5	104.7	99.6
2002	60	99.4	93.5	102.9	97.7
2003	64	100.2	94.3	104.7	99.1
2004	45	100.0	93.2	105.3	99.1
2005	92	100.2	94.3	104.6	99.2
2006	46	100.8	94.5	105.5	99.7
2007	36	101.0	94.4	105.9	100.0
2008	46	101.0	94.0	105.7	99.7
2009	29	101.2	94.0	106.0	100.0
2010	45	101.4	94.0	106.4	100.1
2011	25	101.2	94.2	106.8	100.1
2012	17	102.1	94.1	108.6	100.7
2013	35	101.8	95.6	106.3	100.8
2014	18	101.7	96.2	107.3	100.9
2015	16	101.8	97.0	105.9	101.2

Tabel: 268 Fleck Vieh: Exterieurkenmerken uier

Basis: Dubbeldoel
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1989	11	99.9	99.2	99.6	100.7	94.4	97.4	97.0
1990	21	99.6	98.6	100.3	99.7	93.8	96.8	95.8
1992	16	99.0	99.1	99.4	99.4	93.4	96.9	96.4
1993	23	98.7	98.3	99.9	98.8	92.3	96.7	96.0
1994	28	98.7	98.3	99.2	98.8	93.0	97.8	96.7
1995	35	99.8	99.2	97.8	99.8	93.9	98.1	97.0
1996	28	100.8	100.2	97.9	100.9	93.9	97.9	97.1
1997	33	100.7	100.1	97.6	100.6	94.5	98.1	97.4
1998	32	99.5	99.3	98.5	99.3	95.1	97.9	97.2
1999	49	99.4	99.5	99.2	100.0	94.4	97.8	97.2
2000	27	99.0	99.1	100.3	99.6	93.6	98.2	97.3
2001	53	99.5	99.1	100.2	99.8	94.2	98.5	97.4
2002	60	99.3	98.5	99.5	100.4	94.3	96.8	96.0
2003	64	100.0	98.9	99.9	99.2	93.7	96.8	96.2
2004	45	99.8	99.2	99.3	99.6	93.9	97.1	96.4
2005	92	99.2	98.5	99.6	99.7	93.0	96.6	96.0
2006	46	99.3	99.3	99.4	99.0	93.1	97.3	96.8
2007	36	99.6	99.8	98.8	99.0	93.0	97.7	97.4
2008	46	100.0	98.8	98.9	99.2	93.7	96.8	96.3
2009	29	100.3	100.7	99.7	99.8	93.4	97.8	97.4
2010	45	101.0	99.4	99.6	100.3	93.6	96.8	96.6
2011	25	99.8	99.0	101.2	98.9	92.4	97.2	96.8
2012	17	101.0	100.4	99.1	100.6	95.2	97.1	96.5
2013	35	101.4	101.2	99.8	100.5	95.0	97.9	98.0
2014	18	102.2	100.4	100.2	101.5	94.6	97.4	97.0
2015	16	101.2	102.6	98.9	100.6	95.6	98.5	98.6

Tabel: 269 Fleck Vieh: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1989	11	96.1	99.8	98.1	97.2	105.5	96.2
1990	21	95.9	99.6	97.5	97.3	105.2	96.0
1992	16	96.6	99.8	96.9	98.8	105.5	96.7
1993	23	97.9	100.5	96.3	100.7	106.6	97.9
1994	28	96.9	99.8	96.5	100.3	106.2	97.4
1995	35	96.0	100.2	97.7	99.1	105.8	97.1
1996	28	96.6	100.2	98.5	99.7	106.6	98.0
1997	33	96.2	100.2	98.5	98.8	105.5	97.5
1998	32	94.8	99.2	97.8	98.8	104.2	96.6
1999	49	96.1	99.1	97.8	98.2	104.7	96.6
2000	27	96.5	99.6	97.3	99.1	106.0	96.9
2001	53	95.5	98.4	97.6	98.7	105.0	96.5
2002	60	94.2	97.2	97.8	96.0	104.2	94.6
2003	64	96.5	99.6	97.4	98.0	105.4	96.4
2004	45	95.8	98.8	97.5	97.5	105.5	95.9
2005	92	96.7	99.0	96.9	98.0	105.7	96.1
2006	46	96.8	99.5	96.9	98.8	106.2	96.6
2007	36	97.1	100.0	96.9	99.1	106.6	97.0
2008	46	96.5	99.9	97.4	98.6	105.6	96.7
2009	29	95.7	99.4	97.8	99.0	105.9	96.9
2010	45	96.3	99.5	98.1	99.1	106.1	97.3
2011	25	96.4	99.3	96.6	99.0	106.3	96.5
2012	17	97.8	100.6	98.9	100.1	106.8	99.0
2013	35	97.8	101.0	98.9	100.5	106.5	99.1

2014	18	98.3	100.8	99.5	100.9	106.7	99.8
2015	16	100.2	101.8	99.1	101.2	106.9	100.6

Tabel: 270 Fleck Vieh: Vruchtbaarheidsskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	16	98.4	106.2	100.1	104.1	103.3	97.9	99.9	102.3
1986	17	99.1	105.5	99.8	103.5	103.6	97.7	99.6	101.8
1987	39	99.0	105.8	99.9	103.7	103.5	97.7	99.9	102.0
1988	45	99.7	106.2	100.5	104.3	103.7	98.0	100.3	102.6
1989	18	98.9	106.9	101.0	104.8	103.7	98.8	100.6	103.1
1990	41	99.5	105.7	101.5	104.2	103.8	99.1	100.3	103.1
1991	34	99.6	105.9	101.5	104.4	103.9	99.1	100.1	103.2
1992	33	98.9	105.6	100.8	104.0	103.2	98.9	100.6	102.6
1993	38	99.1	105.7	101.2	104.1	103.5	99.2	100.3	102.8
1994	44	99.3	106.0	101.9	104.5	103.9	99.0	100.6	103.4
1995	75	100.5	105.3	102.3	104.6	104.7	99.3	100.4	103.6
1996	69	100.6	105.6	102.7	104.9	104.8	99.7	100.2	104.0
1997	64	100.5	105.6	102.8	105.0	104.8	99.7	100.7	104.1
1998	121	99.7	105.4	102.2	104.4	103.8	99.7	100.4	103.5
1999	168	99.7	105.4	101.9	104.3	103.9	99.7	100.7	103.4
2000	147	97.1	105.0	100.3	102.8	101.2	97.4	98.2	101.7
2001	275	97.1	105.1	100.6	103.0	101.0	97.5	97.7	102.0
2002	353	97.5	105.2	101.0	103.2	101.4	97.6	98.5	102.3
2003	392	97.6	105.5	101.0	103.5	101.7	97.8	98.5	102.4
2004	421	98.0	105.1	101.1	103.4	102.1	98.5	99.6	102.5
2005	875	98.2	105.2	101.0	103.5	102.3	98.4	99.4	102.5
2006	596	98.2	104.9	100.8	103.3	102.0	98.1	99.1	102.3
2007	503	98.5	104.7	101.1	103.3	102.3	98.5	99.4	102.4
2008	642	98.9	104.6	101.3	103.5	102.5	98.7	99.5	102.6
2009	549	98.8	105.2	101.8	104.2	102.9	98.7	102.0	103.2
2010	818	99.2	104.9	101.7	104.0	103.1	98.8	102.0	103.1
2011	671	99.3	105.0	101.6	104.2	103.4	98.9	102.5	103.1
2012	932	99.7	104.6	101.3	104.0	103.7	99.0	103.3	102.9
2013	919	100.0	104.2	101.0	103.6	103.9	98.7	103.0	102.5
2014	971	100.2	104.0	100.9	103.5	104.0	98.9	103.5	102.4
2015	883	100.0	103.9	100.7	103.3	103.9	98.8	104.0	102.2
2016	66	100.0	103.8	100.5	103.2	103.8	98.5	103.7	102.1

Tabel: 271 Fleck Vieh: Gebruiksskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	10	96.3	39.6	102.4	104.2	104.4
1993	17	97.9	29.9	103.3	104.8	103.8
1994	22	97.0	64.2	103.1	104.4	104.1
1995	31	96.3	81.0	103.0	103.8	103.6
1996	25	96.4	80.2	102.8	104.4	104.0
1997	28	96.6	89.0	102.9	104.7	103.8
1998	18	96.1	62.3	102.6	104.5	103.8
1999	40	96.8	85.7	101.8	104.2	103.6
2000	21	95.7	52.3	101.6	102.7	103.3
2001	41	95.8	87.7	101.1	102.7	103.6
2002	41	96.0	75.8	101.2	104.3	104.3
2003	50	95.8	81.1	101.1	103.8	104.1

2004	39	96.0	92.5	102.1	103.3	103.6
2005	77	97.5	89.2	101.8	103.5	103.8
2006	36	97.1	95.1	101.9	103.8	103.5
2007	29	96.7	93.9	101.7	102.9	103.0
2008	40	96.8	75.6	101.9	103.1	103.0
2009	26	97.0	73.9	102.3	103.2	103.1
2010	41	97.1	98.0	102.7	103.5	103.3
2011	25	97.6	96.6	102.8	103.7	103.3
2012	16	98.8	101.1	103.4	104.2	103.1
2013	33	96.8	100.2	103.9	104.5	103.2
2014	18	97.2	100.4	103.8	104.4	102.9
2015	16	97.4	94.4	104.0	104.5	102.9

Tabel: 272 Fleck Vieh: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1986	10	19.6	6.5	233.5	104.6	101.8	96.4	98.4	102.0
1987	22	3.9	-29.4	198.2	103.9	102.0	96.2	97.6	100.5
1988	24	-20.3	-105.9	-37.8	103.9	102.6	97.6	98.4	104.0
1989	24	-39.5	-153.5	60.7	104.3	103.1	98.1	97.2	99.8
1990	41	14.3	-42.9	207.7	104.7	103.1	97.5	97.3	101.3
1991	26	12.8	-83.2	190.6	104.9	103.2	97.2	97.1	102.2
1992	30	41.5	-39.0	252.3	104.4	102.6	96.9	98.8	101.1
1993	37	57.8	-30.1	304.4	104.7	102.8	96.3	100.7	101.8
1994	45	59.0	-26.1	290.7	104.7	103.4	96.5	100.3	102.1
1995	70	68.3	-2.0	299.6	104.1	103.6	97.7	99.1	102.6
1996	68	67.9	-19.0	276.7	104.7	104.0	98.5	99.7	102.4
1997	68	84.6	7.4	306.2	104.6	104.1	98.5	98.8	102.7
1998	148	55.0	-27.8	242.2	104.6	103.5	97.8	98.8	101.7
1999	193	44.2	-63.1	236.9	104.3	103.4	97.8	98.2	101.7
2000	177	29.4	-64.8	221.4	103.4	101.7	97.3	99.1	101.7
2001	358	20.3	-118.7	231.9	103.6	102.0	97.6	98.7	102.1
2002	427	27.8	-110.0	239.1	104.8	102.3	97.8	96.0	101.5
2003	454	32.1	-92.1	177.5	104.4	102.4	97.4	98.0	101.8
2004	409	49.6	-40.6	127.1	103.8	102.5	97.5	97.5	101.9
2005	861	49.1	-39.1	128.4	104.1	102.5	96.9	98.0	102.0
2006	557	67.2	-6.3	175.1	104.0	102.3	96.9	98.8	101.9
2007	455	72.7	10.1	163.4	103.3	102.4	96.9	99.1	102.2
2008	575	87.8	9.2	190.6	103.4	102.6	97.4	98.6	102.1
2009	459	102.5	32.3	182.9	103.5	103.2	97.8	99.0	102.0
2010	663	110.5	48.0	205.6	103.7	103.1	98.1	99.1	102.1
2011	543	122.6	78.1	202.7	103.9	103.1	96.6	99.0	102.2
2012	706	145.2	127.9	237.8	104.0	102.9	98.9	100.1	102.7
2013	737	153.5	153.4	250.1	104.1	102.5	98.9	100.5	102.9
2014	752	164.9	176.3	262.6	104.0	102.4	99.5	100.9	103.0
2015	585	176.1	207.1	287.6	104.0	102.2	99.1	101.2	103.1
2016	10	197.5	237.3	313.1	104.7	102.1	0.0	0.0	103.0

Tabel: 273 Fleck Vieh: Klauwgezondheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2003	12	97.2	92.8	98.8	100.2	98.8	104.8	98.5
2004	12	98.5	92.8	100.5	101.8	98.5	106.1	98.5
2005	21	96.7	91.6	99.6	100.2	96.8	105.5	98.0

2006	14	97.2	91.8	99.9	100.9	97.7	105.7	97.6
2007	19	98.2	93.5	100.2	100.7	99.2	106.1	98.1
2008	21	97.7	93.2	99.2	100.2	99.8	106.3	98.6
2009	11	97.6	92.0	100.2	100.7	98.5	106.7	97.8
2010	34	97.8	93.3	99.5	100.4	99.4	106.0	98.3
2011	33	97.6	92.7	99.6	100.0	98.9	106.3	98.2
2012	34	97.9	93.5	99.6	100.1	99.3	106.5	98.2
2013	51	97.4	94.0	98.6	99.4	99.1	105.5	98.9
2014	36	97.4	92.9	99.7	99.6	99.0	106.1	98.5
2015	45	97.1	93.0	99.2	99.6	98.7	105.5	98.2

Tabel: 274 Fleck Vieh: Levensvatbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1990	11	99.3	102.2	99.3	102.2	101.1	103.7
1992	17	98.9	102.3	98.9	102.3	100.6	103.2
1993	25	99.1	103.4	99.1	103.4	101.2	104.6
1994	31	99.5	103.5	99.5	103.5	101.1	104.2
1995	56	100.3	103.2	100.3	103.2	101.0	104.4
1996	50	99.8	103.2	99.8	103.2	100.7	104.0
1997	51	100.3	103.2	100.3	103.2	100.9	103.9
1998	64	99.5	102.6	99.5	102.6	100.2	103.5
1999	93	99.5	101.4	99.5	101.4	100.2	102.3
2000	65	99.5	102.3	99.5	102.3	100.5	104.0
2001	119	99.8	100.2	99.8	100.2	100.4	101.9
2002	140	98.8	101.5	98.8	101.5	99.6	103.2
2003	168	99.9	101.5	99.9	101.5	100.5	103.2
2004	179	100.1	101.5	100.1	101.5	100.7	103.4
2005	324	99.7	101.7	99.7	101.7	100.4	104.0
2006	274	99.7	101.9	99.7	101.9	100.1	103.7
2007	290	100.0	101.3	100.0	101.3	100.7	103.1
2008	434	100.2	102.0	100.2	102.0	100.9	103.9
2009	433	99.9	101.2	99.9	101.2	100.6	103.0
2010	631	100.3	101.8	100.3	101.8	101.4	103.4
2011	576	100.4	102.1	100.4	102.1	101.6	103.7
2012	886	100.8	102.6	100.8	102.6	102.0	103.8
2013	985	101.1	102.9	101.1	102.9	102.3	104.0
2014	1151	101.2	102.8	101.2	102.8	102.3	103.7
2015	1402	101.4	102.5	101.4	102.5	102.3	103.2
2016	1466	101.1	101.4	101.1	101.4	102.1	102.3
2017	1385	101.0	100.2	101.0	100.2	101.9	101.2
2018	183	100.6	97.8	100.6	97.8	101.5	99.1

Tabel: 275 Fleck Vieh: Geboortekkenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	20	88.8	113.5	115.9	29.2	21.7	22.4
1992	15	90.9	113.2	113.0	53.5	41.8	42.9
1993	21	90.8	113.6	113.4	22.2	17.0	17.7
1994	26	90.5	113.7	113.3	39.8	31.3	32.0
1995	50	90.9	113.7	113.3	57.4	44.8	46.4
1996	38	91.3	113.9	112.4	56.8	45.6	46.9
1997	41	92.0	113.0	111.5	61.8	48.0	49.4
1998	43	91.7	112.8	111.5	44.9	36.3	37.0

1999	68	90.6	113.0	113.2	53.8	42.3	43.1
2000	45	90.7	113.8	113.0	49.1	39.2	39.7
2001	81	92.0	112.5	111.6	80.4	64.4	66.0
2002	92	94.4	112.1	108.6	74.2	58.0	60.8
2003	112	94.4	112.4	108.6	69.5	54.2	56.2
2004	128	92.9	112.7	110.4	70.6	54.4	56.7
2005	206	93.3	112.4	110.2	73.6	55.9	59.2
2006	187	93.4	112.5	110.2	79.2	60.5	63.7
2007	157	92.8	112.9	110.6	82.4	62.6	66.1
2008	185	92.2	112.5	111.5	85.7	64.6	67.8
2009	222	91.2	112.7	112.6	91.9	69.5	72.8
2010	230	91.9	112.6	112.0	78.9	59.5	62.6
2011	99	92.1	112.0	111.6	85.9	64.2	68.0
2012	89	93.0	112.2	110.7	79.5	60.2	63.6
2013	104	91.9	112.9	111.9	87.0	65.5	69.2
2014	74	92.6	111.9	111.2	98.2	72.9	76.9
2015	66	93.6	112.2	110.1	93.6	70.4	73.3
2016	66	94.2	110.9	109.7	86.1	64.8	67.4
2017	56	93.6	111.3	110.3	82.4	62.8	65.4
2018	11	94.2	110.9	109.7	73.5	56.1	59.1

Tabel: 276 Fleck Vies: Kalvervitaliteit
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	11	95.8	97.2	90.8
1992	14	96.4	96.6	91.5
1993	22	96.3	97.2	89.8
1994	28	95.1	96.2	91.3
1995	55	95.7	96.8	90.8
1996	45	96.0	97.2	91.5
1997	48	95.6	96.4	91.8
1998	54	96.2	97.2	92.0
1999	89	96.2	97.0	92.3
2000	63	93.0	93.4	93.7
2001	117	93.0	93.1	93.2
2002	143	93.5	93.6	93.9
2003	175	95.9	96.2	92.3
2004	183	95.4	95.9	92.5
2005	346	95.3	95.8	92.9
2006	288	96.4	96.8	92.5
2007	309	96.4	96.9	92.9
2008	482	96.5	96.8	92.3
2009	488	96.7	97.1	92.6
2010	680	96.6	96.9	92.5
2011	608	96.7	97.0	92.8
2012	940	97.1	97.6	92.4
2013	1059	97.3	97.8	92.3
2014	1260	97.3	97.8	92.3
2015	1541	97.2	97.6	92.0
2016	1646	97.3	97.7	91.8
2017	1536	97.7	98.2	92.1
2018	158	97.9	98.5	92.0

Tabel: 277 Fleck Vies: Levensproductiekenmerken
 Basis: Dubbeloel
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	252	776.1	5353.2	107.9	116.4
2002	296	752.0	5023.8	110.6	110.2
2003	340	501.3	3938.7	70.3	73.3
2004	366	349.2	3390.8	43.6	51.6
2005	766	343.8	3338.4	43.9	50.3
2006	502	771.0	5089.8	115.4	112.2
2007	408	780.1	5039.8	112.7	115.9
2008	529	951.3	5750.3	146.6	138.0
2009	434	1007.3	5967.9	158.4	144.9
2010	627	1238.2	7106.7	198.3	177.1
2011	540	1331.8	7453.3	211.9	191.9
2012	715	1791.4	9305.3	291.5	257.0
2013	744	1990.8	10095.1	325.9	285.5
2014	761	2176.7	10850.4	360.3	310.8
2015	586	2487.1	12082.8	414.7	354.9
2016	10	2816.3	13237.5	483.4	396.5

Tabel: 278 Fleck Vieh: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1990	14	94.1	111.7	97.6
1992	13	96.0	111.9	98.3
1993	20	97.5	112.2	98.3
1994	25	96.6	111.1	98.9
1995	47	96.1	111.7	98.2
1996	32	95.9	111.6	98.3
1997	35	96.3	112.3	98.0
1998	38	96.2	112.3	97.7
1999	56	96.7	111.8	98.2
2000	40	96.1	112.0	98.0
2001	66	96.2	112.0	97.3
2002	61	95.5	112.4	98.2
2003	64	96.0	112.4	97.8
2004	70	96.5	111.7	97.4
2005	129	96.5	111.3	98.0
2006	110	96.3	112.6	97.4
2007	107	95.3	111.7	97.9
2008	168	94.8	111.4	98.5
2009	129	95.5	111.8	98.3
2010	242	95.4	111.8	98.3
2011	203	95.3	112.0	98.4
2012	265	97.1	112.3	97.8
2013	235	97.6	112.9	97.5
2014	205	98.5	113.6	97.4
2015	206	99.9	113.8	97.1

Tabel: 279 Fleck Vieh: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1984	10	99.8	100.6	0	0.0	0	0.0
1985	14	100.9	99.9	14	-0.4	0	0.0
1986	15	100.9	98.9	15	0.4	0	0.0

1987	33	100.8	99.3	35	0.0	0	0.0
1988	29	100.4	99.4	30	-0.7	0	0.0
1989	27	100.8	100.6	27	-1.1	0	0.0
1990	45	100.2	99.7	44	0.0	0	0.0
1991	34	100.4	100.5	34	-0.5	0	0.0
1992	35	100.0	100.1	34	0.0	0	0.0
1993	42	99.9	99.6	42	0.3	0	0.0
1994	50	99.3	99.6	51	0.2	0	0.0
1995	77	99.0	98.5	76	0.3	0	0.0
1996	83	99.1	99.0	80	0.1	0	0.0
1997	79	99.7	99.3	75	0.3	0	0.0
1998	169	99.1	99.1	151	-0.2	0	0.0
1999	218	98.1	99.6	187	-0.5	0	0.0
2000	203	98.2	99.9	168	-0.6	0	0.0
2001	427	97.8	101.0	348	-1.2	45	101.0
2002	490	97.5	100.2	385	-1.2	43	98.4
2003	514	99.1	98.2	386	-0.9	55	102.2
2004	431	97.7	100.3	271	-0.3	42	101.1
2005	885	97.8	99.7	557	-0.2	87	101.7
2006	567	99.0	99.9	341	0.0	45	102.6
2007	469	98.8	100.4	246	0.2	35	103.3
2008	590	99.0	100.5	242	0.0	45	102.2
2009	466	98.8	99.8	149	0.3	26	101.5
2010	678	99.4	100.0	202	0.4	43	102.3
2011	547	98.8	99.2	116	0.7	25	102.1
2012	708	99.6	98.7	107	1.0	17	103.4
2013	737	99.7	98.6	95	1.3	35	104.3
2014	752	100.1	98.4	71	1.7	17	104.4
2015	585	100.4	98.1	58	2.0	16	105.9
2016	10	100.8	98.7	0	0.0	0	0.0

Tabel: 280 Brown Swiss: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1983	11	-1216.1	-49.0	-42.9	-55.5	8.5	1.4	-0.3	-295.4
1985	14	-1371.6	-56.1	-45.5	-62.6	8.3	5.8	-0.1	-323.1
1986	11	-1565.1	-57.2	-50.6	-71.4	20.1	8.7	-0.2	-349.2
1987	15	-1389.3	-56.4	-46.7	-63.5	9.9	5.1	-0.3	-328.8
1988	13	-1716.7	-64.2	-56.9	-78.3	20.8	7.8	-0.3	-391.6
1989	31	-1449.7	-55.5	-45.6	-66.2	14.3	9.9	-0.4	-323.4
1990	38	-1553.4	-57.4	-51.1	-70.9	19.4	7.4	-0.3	-351.4
1991	51	-1550.9	-59.1	-51.7	-70.8	16.6	6.5	-0.3	-357.2
1992	67	-1484.4	-55.6	-47.6	-67.8	17.1	9.1	-0.4	-332.3
1993	75	-1583.3	-57.8	-51.0	-72.3	20.7	9.5	-0.4	-352.2
1994	90	-1438.0	-55.7	-45.0	-65.7	13.5	10.3	-0.3	-321.3
1995	104	-1377.8	-53.5	-42.9	-62.9	12.7	10.1	-0.3	-306.9
1996	73	-1312.1	-49.4	-41.8	-59.9	14.6	8.3	-0.3	-293.2
1997	93	-1418.8	-55.1	-45.8	-64.8	13.0	8.2	-0.4	-323.1
1998	116	-1420.2	-53.8	-45.2	-64.8	15.1	9.0	-0.3	-317.7
1999	155	-1350.9	-52.5	-43.3	-61.7	12.2	8.2	-0.3	-306.3
2000	117	-1326.3	-52.1	-42.8	-59.8	11.1	7.5	0.8	-303.1
2001	200	-1274.3	-48.8	-40.0	-57.0	12.8	9.0	1.5	-283.5
2002	142	-1299.0	-48.8	-40.4	-57.5	14.3	9.7	2.4	-285.5
2003	143	-1148.1	-43.4	-35.7	-51.8	11.9	8.4	0.7	-253.2
2004	135	-1120.1	-42.5	-35.5	-50.4	11.4	7.3	0.9	-249.7
2005	120	-1070.4	-40.0	-33.6	-48.2	11.8	7.3	0.8	-236.4
2006	131	-1089.4	-40.9	-33.3	-49.6	11.8	8.7	-0.1	-237.3
2007	121	-1066.8	-39.1	-32.1	-49.7	12.8	9.2	-1.7	-228.8
2008	89	-870.1	-32.9	-27.1	-40.8	9.2	6.3	-1.7	-192.2

2009	105	-747.5	-27.2	-23.3	-35.3	9.4	5.3	-1.8	-163.4
2010	119	-768.9	-28.8	-22.2	-36.8	8.3	7.9	-2.4	-162.7
2011	135	-760.5	-26.9	-21.6	-36.4	10.2	8.1	-2.5	-156.2
2012	117	-614.8	-21.6	-16.5	-30.2	8.6	7.8	-3.0	-122.3
2013	155	-387.7	-16.4	-11.1	-21.4	2.2	4.2	-4.8	-86.3
2014	113	-459.8	-16.2	-11.3	-24.8	6.6	7.3	-5.0	-87.6
2015	68	-272.4	-7.5	-5.2	-17.1	6.3	6.1	-5.9	-42.1

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 281 Brown Swiss: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	11	94.3	98.8	93.3	92.7	104.8	100.5	89.7
1987	10	95.9	99.6	94.5	93.9	104.6	99.5	88.1
1989	15	93.1	98.8	93.2	92.1	103.7	99.3	87.3
1990	25	95.1	99.2	93.8	92.6	104.3	99.9	88.3
1991	30	95.5	99.1	93.7	92.9	103.7	101.0	88.3
1992	43	95.1	98.7	93.8	93.2	102.8	100.4	88.4
1993	41	95.7	99.7	94.0	93.0	104.4	100.3	87.9
1994	49	94.9	99.4	94.1	93.1	103.4	100.3	87.9
1995	40	95.3	99.8	95.0	93.9	103.9	99.3	87.4
1996	40	96.1	99.8	95.1	93.8	103.7	100.0	88.5
1997	32	97.8	99.7	95.8	94.6	102.9	101.2	88.9
1998	50	96.2	99.2	94.7	93.6	103.4	100.8	88.2
1999	75	96.1	99.5	95.0	93.9	103.4	100.9	88.5
2000	34	97.5	100.4	95.7	94.4	104.1	101.7	88.9
2001	60	95.9	99.2	94.8	93.5	103.1	100.2	88.1
2002	24	97.7	100.5	96.6	95.3	103.9	100.0	89.1
2003	50	97.0	99.9	95.0	94.2	103.6	101.3	88.9
2004	44	97.8	100.3	95.8	94.7	104.0	100.5	89.5
2005	35	98.9	100.8	96.5	95.1	104.1	100.2	90.0
2006	46	97.3	100.5	95.6	94.5	104.2	99.4	88.8
2007	32	98.3	100.8	96.4	95.0	103.9	98.7	89.7
2008	37	99.0	100.9	96.6	95.5	103.8	99.8	90.0
2009	33	99.3	99.5	95.7	95.1	103.0	100.4	90.0
2010	43	99.6	100.6	95.9	95.1	103.6	100.4	90.1
2011	46	99.2	100.5	96.0	95.3	102.6	100.7	89.5
2012	44	100.5	101.1	96.8	95.5	103.3	100.7	90.7
2013	52	100.0	100.4	96.0	95.6	102.8	101.0	89.8
2014	32	100.6	100.6	96.4	95.8	103.0	100.5	89.3
2015	25	101.5	100.0	95.4	94.9	102.7	100.8	90.0

Tabel: 282 Brown Swiss: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1985	11	110.6	97.0	111.6	110.0
1987	10	111.1	95.5	111.7	110.3
1989	15	107.5	94.9	108.6	106.0
1990	25	108.4	95.2	110.4	107.2
1991	30	109.0	96.3	109.6	107.4
1992	43	108.9	96.0	109.6	107.3
1993	41	108.8	95.9	109.9	107.3
1994	49	107.4	95.3	108.6	105.7
1995	40	108.7	95.7	109.7	107.4

1996	40	108.8	96.2	109.7	106.9
1997	32	109.4	95.7	110.4	107.3
1998	50	108.8	95.5	110.5	106.9
1999	75	108.7	96.3	109.4	106.9
2000	34	108.9	95.4	109.7	107.0
2001	60	108.8	94.7	110.2	106.8
2002	24	109.7	96.5	110.3	108.0
2003	50	109.0	95.1	110.6	107.8
2004	44	108.4	95.7	109.8	106.9
2005	35	108.5	96.2	110.8	106.8
2006	46	109.3	97.0	110.2	107.7
2007	32	109.5	96.9	110.6	107.9
2008	37	109.1	96.2	110.1	107.6
2009	33	109.7	96.1	110.6	108.2
2010	43	110.0	95.7	110.9	108.3
2011	46	108.6	95.1	108.8	106.7
2012	44	109.3	95.6	111.2	107.5
2013	52	110.1	94.6	111.3	108.1
2014	32	111.0	95.0	112.3	109.3
2015	25	109.4	93.6	113.6	107.5

Tabel: 283 Brown Swiss: Exterieurkenmerken uier
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	11	96.4	97.4	106.5	95.5	88.5	93.0	94.8
1987	10	96.4	98.7	106.4	96.9	89.6	94.2	96.0
1989	15	95.7	97.5	107.4	95.2	88.7	94.3	95.3
1990	25	95.1	97.5	107.2	96.2	87.4	92.9	94.4
1991	30	96.4	97.8	106.9	96.9	89.3	93.1	94.7
1992	43	96.2	98.2	106.8	96.5	89.4	93.7	95.1
1993	41	96.0	98.0	107.0	96.4	88.9	93.0	94.7
1994	49	95.6	97.8	106.9	95.6	89.3	93.4	94.7
1995	40	96.2	98.7	106.2	95.7	88.8	93.5	95.5
1996	40	95.9	98.2	106.6	96.2	89.2	93.9	95.7
1997	32	97.2	98.5	106.8	97.2	90.2	94.4	96.1
1998	50	95.8	97.6	106.6	96.0	89.4	93.5	95.2
1999	75	96.9	98.4	107.1	96.3	89.4	93.9	95.7
2000	34	96.4	98.0	106.6	96.3	89.1	94.0	95.6
2001	60	96.7	98.0	107.2	96.5	90.2	94.7	95.8
2002	24	98.1	99.4	104.8	97.8	90.5	94.6	96.8
2003	50	98.1	99.3	106.0	97.4	90.6	95.0	96.8
2004	44	98.1	98.8	105.8	97.8	91.0	95.8	97.2
2005	35	98.2	99.3	104.6	97.7	90.5	95.2	97.3
2006	46	98.7	99.5	105.6	98.1	91.0	95.2	97.2
2007	32	99.4	99.2	104.8	98.8	91.4	95.4	97.2
2008	37	98.8	99.6	105.7	98.6	91.2	95.7	97.0
2009	33	99.2	100.9	104.8	98.5	91.6	95.5	98.0
2010	43	99.6	99.9	105.8	98.9	91.7	95.8	97.5
2011	46	99.0	100.6	105.2	98.4	90.9	96.4	97.8
2012	44	100.3	101.2	104.7	99.5	90.9	96.2	98.2
2013	52	99.5	101.2	105.3	98.6	91.6	96.0	97.9
2014	32	100.8	102.6	103.7	100.2	93.0	96.6	98.8
2015	25	100.4	100.9	102.5	99.5	92.1	95.2	97.8

Tabel: 284 Brown Swiss: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	11	92.4	95.9	91.5	111.1	0.0	98.5
1987	10	91.5	96.6	92.9	111.0	0.0	99.0
1989	15	90.3	94.0	91.5	106.0	0.0	94.9
1990	25	91.4	95.2	91.0	107.5	0.0	95.9
1991	30	92.0	95.0	92.4	108.1	0.0	97.2
1992	43	91.7	94.7	92.5	107.9	0.0	97.0
1993	41	91.7	95.7	92.0	107.9	0.0	96.9
1994	49	91.6	95.2	91.7	106.0	0.0	95.5
1995	40	91.3	96.0	91.9	107.9	0.0	96.6
1996	40	92.2	96.1	91.9	107.8	0.0	96.9
1997	32	93.3	96.3	93.3	108.1	0.0	98.2
1998	50	92.2	95.5	92.0	107.6	0.0	96.7
1999	75	92.6	95.9	92.5	107.6	0.0	97.2
2000	34	93.8	96.9	92.3	107.5	0.0	97.6
2001	60	92.0	95.5	93.0	107.1	0.0	97.0
2002	24	93.4	97.7	94.0	108.6	0.0	99.1
2003	50	93.1	96.4	93.9	108.1	0.0	98.4
2004	44	93.4	97.1	94.4	107.3	0.0	98.5
2005	35	93.9	97.8	94.1	107.6	0.0	98.7
2006	46	92.5	96.9	94.5	108.6	0.0	99.0
2007	32	92.9	97.4	95.4	108.8	0.0	99.8
2008	37	93.9	98.0	95.2	108.3	0.0	99.7
2009	33	93.4	96.8	95.2	108.9	0.0	99.7
2010	43	93.8	97.3	95.5	109.0	0.0	100.2
2011	46	93.7	96.8	95.1	106.7	0.0	98.5
2012	44	94.8	97.6	95.8	108.2	0.0	100.1
2013	52	94.0	97.2	95.5	108.5	0.0	99.9
2014	32	93.6	97.3	97.2	109.9	0.0	101.5
2015	25	93.6	96.5	96.3	107.7	0.0	99.7

Tabel: 285 Brown Swiss: Vruchtbaarheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1983	10	103.4	105.3	105.6	104.8	104.6	97.6	87.2	105.4
1985	12	103.3	104.8	105.3	104.2	104.0	97.5	86.2	105.1
1987	12	102.3	106.4	105.8	105.2	104.1	97.2	86.6	105.8
1988	11	103.4	107.7	107.3	106.9	105.4	97.6	85.5	107.3
1989	20	103.3	105.5	106.0	105.0	104.4	97.2	86.5	105.7
1990	36	104.7	107.1	107.8	106.9	106.1	98.4	85.2	107.7
1991	44	103.5	106.8	106.7	106.2	105.0	98.2	87.3	106.8
1992	63	103.4	106.4	106.3	105.8	104.7	97.5	86.6	106.3
1993	79	103.9	106.3	106.9	106.1	104.9	98.0	86.9	106.7
1994	58	103.6	105.6	106.1	105.2	104.5	97.8	87.2	105.9
1995	78	103.2	104.7	105.2	104.2	104.0	97.0	86.7	104.9
1996	60	102.7	105.7	105.2	104.6	103.9	97.5	87.8	105.2
1997	60	102.4	105.3	104.7	104.5	103.6	97.3	88.2	104.8
1998	81	102.2	105.5	104.8	104.3	103.4	96.9	87.4	104.8
1999	132	103.0	104.4	104.5	103.7	103.7	97.2	87.3	104.4
2000	108	103.1	104.6	104.8	104.1	103.7	97.1	87.1	104.6
2001	199	102.8	104.7	104.7	104.0	103.8	97.0	87.3	104.6
2002	152	102.9	104.5	104.8	104.0	103.7	97.2	87.6	104.6
2003	148	102.7	104.7	104.5	104.1	103.7	97.2	88.4	104.6
2004	157	102.3	104.9	104.4	104.1	103.4	97.4	88.9	104.5
2005	133	101.9	104.8	104.0	103.8	103.2	97.2	89.4	104.1
2006	150	102.2	104.8	104.2	103.9	103.4	97.0	89.6	104.3
2007	144	102.5	104.6	104.4	103.9	103.7	97.0	89.7	104.4

2008	108	102.2	105.2	104.5	104.2	103.5	96.9	90.2	104.6
2009	121	102.6	104.9	104.6	104.2	104.0	97.3	90.2	104.6
2010	132	102.5	105.1	104.8	104.5	103.9	97.1	90.6	104.9
2011	153	102.8	104.7	104.7	104.3	104.0	96.8	90.5	104.8
2012	141	102.6	105.2	104.7	104.7	104.1	96.9	91.3	104.9
2013	175	102.8	104.7	104.5	104.3	104.1	97.0	91.5	104.7
2014	146	103.0	104.7	104.6	104.4	104.4	97.3	92.0	104.7
2015	102	102.9	104.4	104.6	104.2	104.2	97.3	92.9	104.6

Tabel: 286 Brown Swiss: Gebruikskkenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1990	20	92.3	92.5	100.1	101.8	103.1
1991	25	93.4	93.5	99.0	100.4	102.2
1992	37	94.5	93.3	99.8	101.0	102.9
1993	35	92.9	99.1	99.2	100.2	102.7
1994	30	94.1	96.0	99.4	100.9	102.9
1995	31	95.6	87.0	100.0	101.1	103.4
1996	34	94.9	87.1	99.7	101.2	102.9
1997	29	96.2	95.9	99.7	100.8	103.3
1998	35	93.5	89.7	99.5	100.6	103.2
1999	35	96.5	86.0	100.1	100.9	103.3
2000	30	95.7	89.7	99.7	100.6	103.0
2001	53	96.9	82.0	99.1	100.2	102.9
2002	23	97.1	100.7	100.0	100.5	103.4
2003	46	97.3	92.0	100.5	100.7	103.4
2004	43	97.3	101.1	100.8	101.4	103.4
2005	35	96.6	98.7	100.9	101.4	103.4
2006	40	96.5	101.2	100.8	101.4	103.2
2007	32	97.6	101.9	100.7	101.2	103.2
2008	36	98.0	95.3	101.2	101.9	103.1
2009	32	97.5	98.0	101.6	101.8	103.2
2010	40	97.0	98.4	101.9	102.1	103.1
2011	42	98.0	88.1	102.0	102.3	103.6
2012	44	97.8	97.5	102.4	102.4	103.2
2013	51	97.6	99.7	102.8	102.5	103.3
2014	29	97.7	99.4	103.3	102.9	103.3
2015	23	98.5	99.7	103.3	102.5	103.3

Tabel: 287 Brown Swiss: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1983	11	-49.8	-295.4	-52.5	102.2	105.4	92.1	109.9	103.0
1985	13	-37.2	-323.1	-56.4	102.0	105.1	91.5	111.1	104.0
1987	12	-52.2	-328.8	-109.2	102.0	105.8	92.9	111.0	103.3
1988	13	-62.9	-391.6	-197.2	102.5	107.3	93.1	110.8	103.3
1989	25	-62.9	-323.4	-143.2	101.7	105.7	91.5	106.0	103.3
1990	36	-62.5	-351.4	-238.5	102.8	107.7	91.0	107.5	103.5
1991	47	-78.0	-357.2	-243.4	101.7	106.8	92.4	108.1	103.3
1992	65	-56.0	-332.3	-117.1	102.3	106.3	92.5	107.9	103.4
1993	73	-73.5	-352.2	-222.6	101.9	106.7	92.0	107.9	102.9
1994	87	-59.9	-321.3	-135.8	102.3	105.9	91.7	106.0	103.0
1995	101	-49.0	-306.9	-95.6	102.7	104.9	91.9	107.9	102.8
1996	72	-41.0	-293.2	-72.7	102.5	105.2	91.9	107.8	102.8

1997	90	-49.3	-323.1	-5.0	102.4	104.8	93.3	108.1	103.5
1998	115	-51.0	-317.7	-60.5	102.3	104.8	92.0	107.6	102.8
1999	151	-48.9	-306.3	-73.7	102.5	104.4	92.5	107.6	104.0
2000	117	-50.6	-303.1	-126.4	102.2	104.6	92.3	107.5	104.2
2001	198	-45.5	-283.5	-104.2	101.9	104.6	93.0	107.1	104.5
2002	142	-45.8	-285.5	-117.2	102.4	104.6	94.0	108.6	104.0
2003	143	-23.9	-253.2	-68.1	102.6	104.6	93.9	108.1	104.4
2004	135	-18.3	-249.7	-16.0	102.8	104.5	94.4	107.3	104.4
2005	117	-8.7	-236.4	6.5	102.9	104.1	94.1	107.6	104.5
2006	127	-8.6	-237.3	-14.3	102.6	104.3	94.5	108.6	104.6
2007	119	-3.3	-228.8	-0.4	102.7	104.4	95.4	108.8	104.6
2008	88	15.9	-192.2	59.5	102.9	104.6	95.2	108.3	104.7
2009	105	32.1	-163.4	68.4	103.0	104.6	95.2	108.9	104.9
2010	119	30.9	-162.7	51.8	103.0	104.9	95.5	109.0	104.8
2011	133	39.0	-156.2	103.2	103.3	104.8	95.1	106.7	105.1
2012	117	57.4	-122.3	150.7	103.2	104.9	95.8	108.2	105.1
2013	155	68.8	-86.3	129.9	103.3	104.7	95.5	108.5	105.1
2014	113	82.9	-87.6	193.2	103.4	104.7	97.2	109.9	105.5
2015	68	99.3	-42.1	220.0	103.2	104.6	96.3	107.7	105.3

Tabel: 288 Brown Swiss: Klauwgezondheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2001	15	103.1	102.9	102.3	102.7	99.2	106.4	96.3
2003	14	104.7	104.5	103.0	103.6	100.6	106.4	96.9
2004	11	104.2	103.3	103.5	104.0	99.1	105.8	95.5
2006	14	104.6	104.6	103.8	103.0	100.1	106.2	96.2
2007	15	105.1	105.4	103.4	103.3	101.3	106.2	96.9
2008	10	104.6	103.7	104.2	103.2	100.6	106.2	97.1
2009	18	105.4	106.3	103.1	102.9	102.7	104.9	98.1
2010	23	105.9	106.0	103.7	103.7	102.5	106.0	97.2
2011	25	105.4	105.4	104.3	103.2	101.5	106.4	96.5
2012	30	105.7	106.2	103.8	103.3	102.3	106.3	97.4
2013	33	105.9	106.0	103.9	103.5	102.8	106.3	97.5
2014	25	105.9	105.8	104.2	103.2	102.5	106.3	97.8
2015	20	105.0	106.6	102.0	102.3	103.1	105.3	98.1

Tabel: 289 Brown Swiss: Levensvatbaarheidskkenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1989	11	98.9	104.2	98.9	104.2	97.5	103.9
1990	25	98.8	104.2	98.8	104.2	97.7	103.6
1991	34	98.6	103.7	98.6	103.7	98.2	103.3
1992	51	98.8	104.1	98.8	104.1	98.2	103.6
1993	70	98.3	103.8	98.3	103.8	97.7	103.3
1994	63	97.9	104.0	97.9	104.0	97.2	103.2
1995	71	98.1	103.9	98.1	103.9	96.8	103.1
1996	61	97.3	104.3	97.3	104.3	96.3	103.9
1997	58	98.3	104.5	98.3	104.5	97.6	103.9
1998	61	97.7	103.9	97.7	103.9	96.9	103.8
1999	94	99.7	104.3	99.7	104.3	98.3	103.5
2000	95	99.5	104.4	99.5	104.4	98.1	103.5
2001	96	99.5	104.8	99.5	104.8	98.4	103.6
2002	116	99.3	104.5	99.3	104.5	98.3	103.5

2003	129	99.6	104.8	99.6	104.8	98.7	103.3
2004	155	99.3	105.0	99.3	105.0	98.3	103.8
2005	123	99.4	105.1	99.4	105.1	98.2	104.0
2006	158	99.5	105.1	99.5	105.1	98.4	104.1
2007	140	99.1	105.3	99.1	105.3	98.0	104.0
2008	105	98.9	105.5	98.9	105.5	98.1	104.1
2009	140	99.2	104.7	99.2	104.7	98.4	103.2
2010	137	99.1	105.4	99.1	105.4	98.5	103.8
2011	165	99.2	105.8	99.2	105.8	98.6	104.3
2012	145	98.9	105.9	98.9	105.9	98.9	104.1
2013	174	99.0	105.8	99.0	105.8	99.0	104.1
2014	164	99.0	106.2	99.0	106.2	98.8	103.9
2015	125	98.8	106.2	98.8	106.2	98.8	104.2
2016	131	99.0	106.2	99.0	106.2	99.0	103.8
2017	119	99.4	105.2	99.4	105.2	99.4	102.9

Tabel: 290 Brown Swiss: Geboortekkenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	12	95.8	111.9	103.8	95.1	82.2	80.2
1990	22	97.6	111.3	102.0	89.0	75.8	73.9
1991	23	96.7	111.5	103.0	114.8	98.4	96.7
1992	39	96.8	111.0	102.7	115.0	98.9	96.5
1993	38	96.3	111.3	103.4	108.8	94.2	92.1
1994	31	95.7	110.5	103.9	115.4	98.5	96.2
1995	28	95.5	110.7	104.0	105.4	92.8	90.7
1996	29	95.5	111.6	104.1	106.8	92.4	90.3
1997	31	96.0	111.5	103.7	110.5	95.9	94.0
1998	30	94.9	112.1	104.6	115.0	99.7	95.9
1999	31	95.5	111.7	104.3	113.2	99.7	97.4
2000	28	96.3	111.0	103.3	113.9	99.4	96.4
2001	31	96.7	111.5	102.8	114.5	99.0	96.0
2002	21	94.8	112.6	104.8	108.1	95.2	92.2
2003	49	95.7	111.1	103.9	113.3	99.2	97.3
2004	46	95.6	111.8	104.0	112.9	99.6	98.7
2005	44	95.8	111.4	104.0	112.8	99.6	98.0
2006	44	95.2	111.9	104.4	110.6	97.3	95.7
2007	53	95.2	112.2	104.6	111.0	98.1	96.7
2008	45	94.9	112.2	104.6	113.4	99.6	99.1
2009	52	96.4	111.8	103.2	113.5	98.5	97.7
2010	32	95.4	112.2	104.4	112.8	97.7	97.4
2011	19	95.4	110.9	104.7	114.3	96.5	96.6
2012	13	97.2	110.6	102.6	113.5	96.4	96.6
2013	13	95.0	110.6	104.3	114.2	96.6	95.5
2014	18	95.9	110.4	103.4	114.0	97.7	95.6
2017	14	95.8	108.5	103.5	113.6	97.4	95.0

Tabel: 291 Brown Swiss: Kalvervitaliteit
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1988	10	90.3	99.0	83.6
1989	11	88.6	97.5	83.9
1990	26	88.8	97.7	83.9
1991	34	88.3	97.2	83.4

1992	52	88.4	97.5	83.5
1993	80	87.2	96.3	83.9
1994	78	87.1	95.9	84.0
1995	78	87.2	96.3	83.1
1996	70	86.9	96.3	83.0
1997	59	87.9	97.1	82.5
1998	64	87.0	96.3	83.0
1999	94	89.4	98.3	82.3
2000	96	89.4	98.0	83.3
2001	102	89.7	98.2	82.8
2002	123	89.9	98.3	82.8
2003	135	89.9	98.6	82.5
2004	158	90.0	98.9	82.5
2005	134	89.9	98.9	82.4
2006	167	90.7	99.5	81.9
2007	145	90.4	99.0	81.7
2008	112	90.7	99.3	82.5
2009	155	91.4	99.5	82.7
2010	148	91.4	99.7	82.7
2011	174	90.8	99.3	82.2
2012	159	91.1	99.5	82.1
2013	181	91.3	99.5	82.1
2014	177	92.0	99.9	81.9
2015	146	92.8	100.3	82.6
2016	146	93.1	100.6	83.0
2017	131	93.1	100.6	83.0

Tabel: 292 Brown Swiss: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	193	-1783.2	-8127.2	-294.2	-257.0
2002	139	-1854.1	-8468.5	-305.0	-267.5
2003	140	-1453.5	-6813.2	-235.9	-210.9
2004	129	-1129.3	-5483.9	-178.4	-165.8
2005	113	-948.7	-4802.1	-144.4	-141.3
2006	119	-1059.7	-5266.4	-169.2	-154.2
2007	119	-986.9	-5024.5	-154.6	-144.8
2008	86	-476.9	-2796.0	-67.2	-72.6
2009	105	-330.4	-2208.4	-38.3	-53.7
2010	117	-401.4	-2591.6	-58.1	-59.6
2011	127	-45.3	-1277.6	7.8	-10.8
2012	117	377.2	456.5	77.8	50.6
2013	156	371.1	793.8	71.3	51.4
2014	114	753.1	2030.8	139.3	105.6
2015	72	1109.2	3403.7	204.1	154.8

Tabel: 293 Brown Swiss: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1990	10	97.0	99.0	106.0
1992	15	99.1	101.3	106.2
1993	17	98.3	100.5	105.0
1994	18	98.4	101.3	105.3
1995	16	98.6	101.0	105.2

1996	19	98.2	101.2	106.4
1997	19	97.4	100.7	105.8
1998	16	97.6	101.4	105.7
1999	10	98.1	101.9	105.7
2000	19	98.4	101.0	105.5
2001	21	97.3	101.0	105.5
2002	10	97.1	103.3	105.8
2003	26	98.3	102.2	105.3
2004	18	98.4	102.1	105.1
2005	13	98.4	101.2	105.0
2006	17	98.4	101.3	105.5
2007	15	98.5	100.5	105.5
2008	19	98.3	99.6	105.1
2009	14	98.6	102.2	105.6
2010	30	97.7	101.0	105.7
2011	45	99.0	102.0	105.4
2012	24	98.3	102.2	105.4
2013	41	99.2	103.6	105.2
2014	28	97.8	103.6	105.0
2015	20	98.5	102.5	104.8

Tabel: 294 Brown Swiss: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1983	11	101.0	100.3	0	0.0	0	0.0
1985	14	99.4	99.9	12	-3.9	0	0.0
1986	11	99.9	100.3	9	-4.1	0	0.0
1987	15	101.5	101.5	15	-3.6	0	0.0
1988	13	101.3	102.8	10	-3.8	0	0.0
1989	31	100.4	101.5	25	-3.9	0	0.0
1990	38	102.0	102.4	29	-3.4	0	0.0
1991	51	100.6	102.0	36	-3.7	0	0.0
1992	67	101.0	102.4	48	-3.7	0	0.0
1993	75	100.1	101.6	47	-3.5	0	0.0
1994	90	100.6	101.2	63	-3.9	0	0.0
1995	104	100.1	101.7	59	-3.5	0	0.0
1996	73	100.8	101.7	47	-3.1	0	0.0
1997	93	101.2	99.3	52	-3.5	0	0.0
1998	116	101.2	100.2	63	-3.4	0	0.0
1999	155	100.8	99.9	87	-3.1	0	0.0
2000	117	100.8	100.1	38	-2.7	0	0.0
2001	200	100.3	100.3	70	-2.8	59	94.6
2002	142	100.5	100.1	31	-2.3	24	97.5
2003	143	100.9	100.4	52	-2.3	50	96.2
2004	135	101.6	101.0	49	-2.2	44	97.6
2005	120	101.2	101.0	38	-2.1	35	98.5
2006	131	101.4	100.7	51	-2.3	45	97.5
2007	121	100.5	100.8	34	-1.8	32	98.3
2008	89	101.7	100.8	37	-1.7	36	98.7
2009	105	102.1	101.4	33	-1.3	33	97.6
2010	119	102.1	101.2	44	-1.4	43	98.3
2011	135	102.2	100.7	47	-1.7	46	97.1
2012	117	102.1	102.1	44	-0.9	44	99.2
2013	155	103.6	101.0	53	-0.8	52	98.2
2014	113	103.2	101.4	32	-0.7	32	98.6
2015	68	102.2	100.8	25	-0.4	25	98.4

Tabel: 295 Zweeds Roodbont: Melkproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	16	-1320.6	-43.1	-51.7	-60.3	24.6	-5.4	-0.4	-320.6
2003	10	-322.7	-13.8	-13.3	-14.9	1.1	-2.2	-0.4	-88.0
2006	11	-457.8	-20.5	-24.5	-19.7	0.4	-10.2	1.4	-149.1
2008	11	-408.5	-12.7	-17.1	-19.3	7.7	-3.0	-0.8	-102.6
2012	14	-356.3	-13.7	-11.7	-23.1	3.8	1.9	-8.9	-83.9
2013	13	-484.5	-10.5	-16.7	-26.6	15.8	1.2	-6.0	-98.4
2014	12	-290.4	-17.1	-14.8	-23.2	-2.9	-4.2	-12.6	-103.3

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 296 Zweeds Roodbont: Exterieurkenmerken bouw
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	12	85.8	93.8	89.8	90.0	99.2	98.8	89.8

Tabel: 297 Zweeds Roodbont: Exterieurkenmerken beenwerk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1985	12	96.8	105.2	92.2	96.2

Tabel: 298 Zweeds Roodbont: Exterieurkenmerken uier
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	12	94.8	95.2	97.8	93.3	88.5	95.6	96.9

Tabel: 299 Zweeds Roodbont: Exterieurkenmerken bovenbalk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	12	88.5	88.4	90.5	94.6	0.0	86.8

Tabel: 300 Zweeds Roodbont: Vruchtbaarheidskenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	17	100.8	106.0	106.0	106.8	104.4	100.1	89.7	106.7

1987	10	99.5	105.7	105.1	106.0	103.1	99.1	89.2	105.8
2006	11	100.5	105.1	105.0	105.8	104.2	99.1	92.9	105.6
2008	11	100.0	106.2	105.5	107.0	104.1	98.9	93.9	106.5
2012	14	101.6	105.4	105.1	106.3	104.8	99.4	94.3	105.8
2013	13	101.2	104.6	105.2	105.6	104.5	99.0	94.0	105.7
2014	12	101.2	104.5	104.7	105.7	104.2	99.4	94.5	105.4

Tabel: 301 Zweeds Roodbont: NVI met onderliggende kenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1985	14	-97.1	-320.6	-282.5	101.8	106.7	90.5	94.6	102.0
2003	10	3.7	-88.0	100.6	101.0	105.6	92.0	95.2	105.7
2006	11	-16.0	-149.1	42.5	101.2	105.6	93.3	93.7	104.6
2008	11	23.2	-102.6	108.3	101.5	106.5	93.0	93.2	105.1
2012	14	45.9	-83.9	156.9	101.4	105.8	94.0	100.5	106.5
2013	13	13.1	-98.4	85.6	100.5	105.7	95.8	95.8	105.8
2014	12	27.0	-103.3	157.6	100.8	105.4	0.0	0.0	105.3

Tabel: 302 Zweeds Roodbont: Levensvatbaarheidskenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
2008	10	101.2	104.4	101.2	104.4	103.9	101.4
2012	17	101.8	105.2	101.8	105.2	104.8	101.9
2013	13	100.9	105.4	100.9	105.4	103.6	101.9
2014	12	101.5	104.2	101.5	104.2	104.7	101.2

Tabel: 303 Zweeds Roodbont: Kalvervitaliteit

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
2008	10	97.6	100.5	95.2
2012	16	98.0	100.6	95.0
2013	12	98.1	101.0	94.9
2014	15	97.1	100.1	97.3

Tabel: 304 Zweeds Roodbont: Levensproductiekenmerken

Basis: Melkdoel rood

Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2006	11	-418.2	-1601.6	-36.7	-77.7
2008	11	188.3	349.8	68.6	9.5
2012	14	571.8	1798.4	113.2	75.4
2013	13	36.5	-766.5	46.8	-12.5
2014	12	508.3	2251.6	100.9	65.1

Tabel: 305 Zweeds Roodbont: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1985	16	98.3	92.5	18	-3.9	0	0.0
2003	10	99.3	92.1	4	-2.7	4	85.0
2006	11	98.6	92.5	6	-3.0	6	86.0
2008	11	100.1	91.8	6	-2.5	6	88.7
2012	14	98.6	92.1	2	-2.6	2	89.0
2013	13	97.7	91.4	4	-2.1	4	90.2
2014	12	99.2	93.3	0	0.0	0	0.0

Tabel: 306 Angler: Melkproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	19	-2915.3	-76.2	-91.1	-133.1	104.6	26.4	-0.6	-573.4
1981	19	-2927.8	-77.3	-92.9	-133.7	103.5	24.1	-0.7	-583.5
1982	22	-2887.9	-80.0	-92.1	-131.8	94.5	22.5	-0.5	-585.4
1984	12	-2923.2	-76.7	-90.0	-133.3	106.7	30.1	-0.3	-570.2
1985	14	-3029.0	-77.1	-94.1	-138.2	114.9	29.4	-0.6	-589.4
1986	21	-2859.1	-74.6	-89.4	-130.4	102.4	25.9	-0.5	-562.2
1987	13	-2963.7	-79.2	-93.8	-135.2	103.5	25.0	-0.4	-591.8
1988	16	-3153.3	-91.6	-101.3	-143.9	102.2	26.0	-0.8	-651.0

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 307 Angler: Exterieurkenmerken bouw
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	13	79.0	90.2	84.6	86.1	92.8	95.5	84.1
1981	14	78.6	89.6	84.1	85.8	92.5	94.8	84.0
1982	16	79.6	88.7	83.6	86.0	91.9	95.6	83.9

Tabel: 308 Angler: Exterieurkenmerken beenwerk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1980	13	103.3	101.2	92.2	102.3
1981	14	103.1	101.7	91.9	101.9
1982	16	102.9	101.5	92.4	101.9

Tabel: 309 Angler: Exterieurkenmerken uier
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
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1980	13	87.5	88.8	104.9	91.1	84.7	94.6	93.4
1981	14	88.6	89.9	102.1	92.6	85.1	95.4	94.5
1982	16	89.0	88.7	101.4	93.6	85.8	95.2	93.6

Tabel: 310 Angler: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	13	80.7	78.2	85.2	101.2	0.0	83.6
1981	14	80.0	77.5	86.9	100.9	0.0	84.1
1982	16	79.9	76.9	87.6	100.9	0.0	84.2

Tabel: 311 Angler: Vruchtbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	38	102.6	108.9	110.4	109.7	103.9	99.1	81.6	110.4
1981	56	102.6	109.0	110.6	109.8	103.9	99.1	82.0	110.5
1982	48	102.7	109.2	110.9	110.0	104.2	99.3	82.4	110.9
1983	20	103.2	108.6	110.5	109.4	104.2	98.8	80.8	110.2
1984	25	103.1	108.5	110.4	109.6	104.1	98.8	81.2	110.3
1985	29	102.7	108.9	110.4	109.6	103.9	98.6	81.0	110.3
1986	29	102.4	108.8	109.9	109.3	103.6	98.5	81.0	109.8
1987	16	102.7	109.5	111.1	110.1	104.2	99.4	81.5	110.8
1988	18	102.6	109.7	110.8	109.9	104.2	99.6	81.4	110.7
1989	17	103.3	107.1	109.6	108.2	104.2	99.1	81.1	109.1

Tabel: 312 Angler: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	15	-179.7	-573.4	-300.2	104.2	110.4	85.2	101.2	0.0
1981	17	-169.9	-583.5	-304.2	105.0	110.5	86.9	100.9	0.0
1982	21	-178.2	-585.4	-306.8	105.2	110.9	87.6	100.9	0.0
1984	11	-190.1	-570.2	-531.0	104.0	110.3	85.0	99.5	0.0
1985	14	-150.6	-589.4	-522.1	104.5	110.3	85.4	101.3	0.0
1986	21	-152.1	-562.2	-629.4	104.5	109.8	83.5	101.5	0.0
1987	13	-166.0	-591.8	-541.0	104.3	110.8	81.3	99.0	0.0
1988	16	-185.6	-651.0	-690.7	104.6	110.7	92.0	102.0	0.0

Tabel: 313 Angler: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	19	99.9	99.2	0	0.0	0	0.0
1981	19	99.4	99.2	0	0.0	0	0.0
1982	22	99.5	99.6	0	0.0	0	0.0

1984	12	100.0	99.2	0	0.0	0	0.0
1985	14	98.3	98.5	12	-7.9	0	0.0
1986	21	100.0	98.9	13	-5.6	0	0.0
1987	13	101.6	98.4	10	-6.2	0	0.0
1988	16	99.2	97.9	8	-6.2	0	0.0

Tabel: 314 Montbéliard: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1981	10	-1524.3	-77.6	-58.3	-69.5	-13.3	-4.9	-0.3	-423.1
1985	31	-1736.9	-85.4	-62.9	-79.2	-11.4	-0.5	-0.3	-461.2
1986	29	-1625.3	-83.5	-60.3	-74.2	-16.0	-2.7	-0.4	-445.0
1987	48	-1793.2	-86.7	-63.6	-81.8	-9.0	2.0	-0.2	-467.5
1988	41	-1727.0	-82.6	-62.0	-78.9	-7.7	0.3	-0.3	-451.4
1989	56	-1736.4	-82.0	-63.7	-79.3	-6.1	-1.4	-0.4	-457.3
1990	61	-1693.6	-80.7	-62.4	-77.4	-6.6	-1.7	-0.5	-448.3
1991	41	-1630.6	-78.0	-60.2	-74.4	-7.0	-2.2	-0.3	-433.0
1992	71	-1623.9	-74.6	-58.8	-74.1	-1.9	0.1	-0.3	-420.3
1993	78	-1392.3	-68.8	-52.3	-63.6	-8.9	-2.7	-0.3	-378.2
1994	136	-1059.8	-56.9	-40.5	-48.4	-12.6	-2.9	-0.3	-300.1
1995	92	-1261.4	-64.8	-46.6	-57.6	-11.2	-1.4	-0.3	-344.5
1996	171	-1117.5	-60.8	-41.4	-51.0	-14.7	-1.4	-0.3	-312.5
1997	132	-1088.3	-59.9	-40.2	-49.7	-15.5	-1.4	-0.3	-305.7
1998	168	-1107.0	-57.4	-40.6	-50.5	-10.7	-0.9	-0.3	-302.3
1999	198	-1130.5	-61.2	-43.1	-51.6	-14.6	-3.1	-0.2	-320.7
2000	199	-1111.5	-61.0	-42.7	-50.6	-15.5	-3.6	-0.1	-318.3
2001	219	-1033.4	-56.1	-40.0	-45.0	-13.2	-3.7	3.0	-295.6
2002	156	-914.2	-49.6	-35.1	-37.9	-11.5	-2.8	5.4	-259.6
2003	213	-776.4	-46.5	-31.4	-32.6	-15.2	-4.3	3.9	-236.1
2004	246	-699.4	-44.2	-29.3	-29.7	-16.7	-5.1	2.9	-221.8
2005	338	-658.1	-42.8	-27.6	-27.8	-17.3	-4.8	2.8	-211.2
2006	347	-606.0	-39.6	-26.4	-25.9	-16.1	-5.8	2.2	-199.2
2007	388	-523.5	-36.6	-23.5	-22.4	-16.8	-5.8	1.9	-180.1
2008	397	-430.7	-33.9	-20.4	-18.3	-18.5	-6.1	1.7	-160.3
2009	449	-398.5	-32.2	-18.9	-17.4	-18.1	-5.6	1.0	-150.6
2010	441	-223.6	-24.4	-12.8	-10.5	-17.7	-5.7	-0.4	-107.1
2011	505	-177.1	-21.7	-11.0	-9.1	-16.9	-5.4	-1.3	-93.5
2012	519	-79.9	-18.0	-7.1	-5.6	-17.3	-4.9	-2.4	-68.5
2013	558	-35.9	-14.0	-5.4	-4.0	-14.7	-4.6	-2.9	-52.8
2014	516	58.6	-11.1	-2.5	-0.2	-16.1	-5.2	-3.5	-33.7
2015	342	150.7	-7.5	0.3	4.1	-16.6	-5.8	-3.2	-13.2

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 315 Montbéliard: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	13	91.5	103.2	91.2	84.7	108.2	105.2	89.0
1986	14	92.4	104.2	91.4	84.4	109.2	105.1	90.2
1987	16	92.5	104.2	92.1	85.1	108.9	105.9	90.1
1988	12	94.9	105.2	93.2	87.1	108.4	104.2	90.2
1989	29	92.6	105.4	92.2	85.2	110.1	105.6	90.7
1990	29	93.2	105.1	93.1	86.2	109.3	105.8	90.8
1991	22	93.5	105.3	92.3	85.5	109.4	106.0	91.0
1992	23	93.2	105.0	92.4	86.1	109.7	106.4	89.6

1993	30	94.4	107.0	94.3	87.1	109.7	105.1	90.9
1994	60	94.2	106.5	94.0	87.3	109.3	105.7	90.4
1995	21	94.9	106.7	94.1	87.4	109.4	106.0	90.8
1996	23	93.9	107.1	94.0	86.9	110.5	106.2	90.3
1997	31	95.0	106.7	94.8	87.9	110.0	107.4	91.2
1998	41	95.0	106.9	94.4	86.9	110.3	106.7	91.1
1999	42	95.6	106.8	94.0	87.2	110.1	107.3	91.9
2000	36	95.0	106.6	93.1	86.5	109.7	107.9	92.2
2001	27	95.9	107.4	94.9	87.6	110.0	105.4	93.3
2002	30	95.1	107.3	93.9	86.7	110.7	107.2	93.2
2003	29	96.1	107.7	94.4	87.6	110.6	107.3	93.1
2004	28	96.2	106.9	94.0	87.6	109.8	106.9	92.4
2005	56	95.6	107.5	94.1	87.0	111.4	106.9	93.0
2006	31	96.2	107.9	94.5	87.1	111.3	107.1	93.5
2007	39	96.7	108.2	94.8	87.5	111.5	107.2	93.7
2008	43	97.4	108.2	94.9	87.8	111.1	106.9	94.0
2009	37	97.9	108.3	95.8	88.8	110.8	107.2	94.1
2010	26	98.0	108.9	96.5	89.2	110.9	106.8	94.0
2011	51	99.4	108.2	96.5	89.4	110.0	106.3	93.6
2012	51	98.4	108.5	96.6	90.1	109.6	106.3	93.5
2013	54	98.9	107.6	96.0	89.8	109.1	106.4	94.0
2014	63	99.9	107.1	97.2	91.3	108.2	105.8	94.7
2015	16	98.9	107.7	96.5	90.3	108.9	103.3	95.0

Tabel: 316 Montbéliard: Exterieurkenmerken beenwerk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	BA	BZ	KH	BG
1985	13	101.1	94.9	102.4	97.5
1986	14	102.3	94.5	104.1	99.1
1987	16	101.4	95.2	102.1	98.2
1988	12	103.5	94.4	106.0	99.2
1989	29	102.2	96.3	104.3	97.8
1990	29	103.2	95.6	105.3	98.5
1991	22	102.5	96.0	104.9	98.0
1992	23	102.9	95.2	105.8	98.2
1993	30	103.7	94.3	103.9	99.9
1994	60	103.5	94.3	103.8	99.3
1995	21	103.7	95.1	104.0	99.7
1996	23	103.5	94.4	104.7	99.2
1997	31	103.1	94.9	103.5	99.4
1998	41	103.7	94.9	104.7	99.8
1999	42	103.5	95.3	105.5	99.0
2000	36	103.6	96.8	104.7	99.1
2001	27	103.3	95.6	106.6	99.4
2002	30	104.0	95.7	106.2	100.1
2003	29	104.1	95.8	106.3	100.2
2004	28	103.9	94.4	107.1	100.2
2005	56	104.7	95.2	106.2	101.2
2006	31	104.5	95.1	106.5	101.0
2007	39	104.5	95.5	106.7	100.9
2008	43	104.4	94.8	107.3	100.5
2009	37	105.0	94.6	107.2	101.2
2010	26	104.5	96.2	106.0	100.4
2011	51	104.9	95.5	107.1	100.6
2012	51	106.2	96.5	106.6	101.9
2013	54	105.9	96.0	107.1	101.8
2014	63	106.0	95.6	107.4	101.9
2015	16	106.4	96.1	106.5	102.1

Tabel: 317 Montbéliard: Exterieurkenmerken uier
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	13	89.5	90.4	103.7	93.2	79.7	91.7	91.6
1986	14	90.0	91.8	104.5	93.2	80.6	92.5	92.6
1987	16	89.1	90.7	104.8	92.4	79.6	91.9	91.5
1988	12	92.6	93.7	104.7	93.8	83.9	93.4	93.4
1989	29	91.7	91.9	105.5	93.9	81.4	91.3	92.4
1990	29	91.2	92.1	105.7	93.0	81.7	90.8	92.3
1991	22	91.5	92.0	105.2	93.3	81.3	91.2	92.1
1992	23	90.7	92.1	105.0	92.1	82.3	91.5	92.3
1993	30	90.9	92.6	107.1	91.7	83.8	89.9	90.1
1994	60	91.5	93.3	105.7	92.2	83.7	90.7	90.9
1995	21	91.6	93.1	106.2	92.6	83.6	90.7	91.1
1996	23	90.5	92.1	105.3	91.9	82.2	91.8	91.4
1997	31	91.7	92.5	105.0	93.3	82.9	91.3	91.6
1998	41	92.4	93.0	105.1	93.9	83.0	91.7	92.0
1999	42	91.2	92.6	105.3	93.0	82.1	90.8	91.1
2000	36	91.6	93.4	104.6	93.3	82.6	91.3	91.6
2001	27	92.3	92.9	104.6	93.3	83.2	91.1	91.3
2002	30	91.6	92.8	104.4	92.9	83.0	91.2	91.6
2003	29	92.2	92.3	105.5	93.4	83.3	91.1	91.4
2004	28	92.0	92.5	105.6	92.9	84.0	91.1	91.2
2005	56	92.2	93.1	103.6	93.1	83.4	92.0	92.3
2006	31	92.2	92.8	103.7	93.5	82.9	92.2	92.6
2007	39	92.4	93.9	104.4	93.7	83.4	92.2	92.4
2008	43	92.0	93.1	104.2	93.4	83.7	91.8	92.3
2009	37	92.8	94.8	103.5	94.0	84.3	93.8	94.4
2010	26	91.9	93.8	104.3	92.4	83.3	90.9	91.4
2011	51	93.4	95.5	103.8	94.8	84.9	92.7	93.7
2012	51	94.1	95.8	103.2	94.4	85.5	93.9	94.9
2013	54	95.0	96.0	103.3	96.3	87.0	94.6	95.6
2014	63	95.1	96.2	103.7	96.2	87.9	94.0	95.0
2015	16	95.5	96.1	103.8	96.1	88.3	94.6	95.6

Tabel: 318 Montbéliard: Exterieurkenmerken bovenbalk
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	13	94.8	91.5	84.8	97.2	0.0	87.6
1986	14	95.5	92.4	85.6	98.4	0.0	89.1
1987	16	96.2	92.7	84.4	97.6	0.0	88.2
1988	12	96.0	94.2	88.1	99.0	0.0	91.0
1989	29	96.5	93.6	86.3	98.2	0.0	89.7
1990	29	96.8	94.0	85.8	98.8	0.0	89.9
1991	22	96.6	93.3	86.0	98.3	0.0	89.7
1992	23	96.3	93.9	85.8	98.5	0.0	89.6
1993	30	97.1	94.7	85.8	99.2	0.0	90.5
1994	60	96.9	94.4	86.5	98.8	0.0	90.4
1995	21	97.4	94.7	86.5	99.5	0.0	91.0
1996	23	97.2	94.7	85.6	98.8	0.0	90.1
1997	31	98.4	95.6	86.8	98.9	0.0	91.3
1998	41	98.0	95.1	87.2	99.6	0.0	91.8
1999	42	98.6	95.1	86.0	99.2	0.0	91.0
2000	36	98.4	94.3	86.7	99.7	0.0	91.4

2001	27	98.9	95.6	87.1	99.7	0.0	92.0
2002	30	99.0	95.4	86.7	100.3	0.0	92.1
2003	29	99.1	95.7	87.1	100.7	0.0	92.6
2004	28	98.3	95.3	87.0	100.4	0.0	92.0
2005	56	99.0	95.9	87.1	101.3	0.0	92.9
2006	31	99.4	96.0	87.2	100.9	0.0	92.9
2007	39	99.7	96.4	87.5	101.2	0.0	93.4
2008	43	99.7	96.3	87.4	100.7	0.0	93.1
2009	37	100.2	96.9	88.4	101.1	0.0	94.0
2010	26	100.3	97.3	86.7	100.8	0.0	93.1
2011	51	99.7	96.9	89.0	101.0	0.0	94.2
2012	51	99.6	96.9	89.5	102.8	0.0	95.3
2013	54	99.8	96.7	91.2	102.6	0.0	96.1
2014	63	100.2	97.7	91.5	102.4	0.0	96.5
2015	16	99.0	97.0	91.7	102.6	0.0	96.2

Tabel: 319 Montbéliard: Vruchtbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	20	103.8	108.0	107.5	108.2	106.3	99.8	88.6	108.0
1986	18	104.2	108.2	107.6	108.3	106.7	99.9	88.4	108.3
1987	13	103.2	108.2	107.0	108.0	105.9	99.4	89.2	107.9
1988	23	102.7	106.9	106.4	107.1	104.8	98.0	89.7	107.0
1989	58	104.0	108.6	108.3	109.1	106.7	99.5	89.9	109.0
1990	57	103.8	108.2	107.8	108.6	106.6	99.2	89.4	108.5
1991	39	103.7	107.5	107.3	108.1	105.9	98.6	89.1	108.0
1992	66	103.7	106.9	107.2	107.7	105.8	98.8	89.7	107.7
1993	77	103.7	107.5	107.6	108.2	106.3	98.7	89.6	108.2
1994	126	103.5	106.9	107.1	107.6	105.9	98.2	89.5	107.6
1995	90	103.2	107.2	106.9	107.6	105.6	98.3	89.5	107.5
1996	143	103.2	107.0	107.0	107.7	105.4	98.2	90.3	107.6
1997	129	102.7	107.6	106.9	108.0	105.1	97.9	90.5	107.7
1998	166	103.0	107.3	106.7	107.6	105.5	97.8	89.5	107.5
1999	197	103.3	107.3	106.9	107.7	105.7	98.2	89.6	107.5
2000	209	103.5	107.2	106.9	107.6	105.9	98.4	89.3	107.5
2001	229	103.1	107.1	106.8	107.4	105.6	98.2	89.6	107.3
2002	176	103.1	107.4	106.9	107.6	105.8	98.4	90.0	107.5
2003	247	103.0	107.0	106.4	107.2	105.4	98.4	90.3	107.1
2004	289	103.0	106.9	106.5	107.1	105.4	98.4	90.4	107.0
2005	382	103.2	106.9	106.5	107.1	105.5	98.4	89.9	107.1
2006	398	103.6	106.3	106.5	106.8	105.7	98.6	90.1	106.9
2007	452	103.3	106.6	106.5	107.0	105.5	98.5	90.3	107.0
2008	475	103.2	106.8	106.5	107.2	105.6	98.2	90.8	107.1
2009	558	103.1	106.9	106.5	107.3	105.6	97.8	91.2	107.2
2010	523	102.9	106.4	106.1	106.9	105.3	97.4	91.8	106.8
2011	587	103.2	105.8	105.9	106.5	105.4	97.7	91.8	106.5
2012	612	103.7	105.5	106.0	106.4	105.7	97.7	92.2	106.5
2013	672	104.1	104.9	105.9	106.1	105.8	97.9	92.1	106.2
2014	630	103.8	104.9	105.8	106.0	105.7	97.9	92.6	106.1
2015	452	103.8	104.7	105.6	105.8	105.6	97.7	92.9	106.0
2016	25	103.4	104.9	105.6	105.8	105.6	97.6	93.4	105.9

Tabel: 320 Montbéliard: Gebruikskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
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1989	28	98.9	71.1	101.6	102.1	104.3
1990	22	98.6	86.3	100.8	101.9	104.1
1991	16	98.8	83.9	101.6	102.5	104.7
1992	23	99.0	82.5	102.3	103.3	104.7
1993	28	96.1	95.0	101.5	102.4	103.9
1994	55	96.9	75.5	101.7	102.6	103.9
1995	22	96.8	85.8	101.3	102.3	104.0
1996	26	97.7	83.5	101.6	103.2	104.2
1997	32	98.0	91.7	101.7	103.0	103.8
1998	40	98.6	94.7	101.5	102.5	104.1
1999	45	98.7	88.3	101.1	102.3	103.8
2000	33	99.8	91.8	101.0	101.9	103.8
2001	25	98.8	95.2	101.5	102.5	103.6
2002	30	98.9	84.8	101.6	102.3	103.3
2003	28	99.5	87.7	102.1	102.4	103.4
2004	28	98.8	91.4	101.9	102.5	103.3
2005	55	97.9	94.6	102.4	102.6	103.1
2006	28	98.4	90.7	102.6	102.9	103.1
2007	38	98.3	92.3	103.0	103.1	103.4
2008	37	98.3	94.5	102.7	102.9	103.4
2009	35	98.7	94.8	102.2	102.4	103.0
2010	19	99.3	96.4	102.4	102.3	103.0
2011	46	98.8	94.9	102.5	102.0	102.8
2012	43	99.6	95.0	103.0	102.5	103.1
2013	43	98.6	95.3	103.2	102.5	102.9
2014	46	99.0	95.0	102.9	102.1	102.7
2015	14	98.6	96.1	103.3	102.7	103.1

Tabel: 321 Montbéliard: NVI met onderliggende kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1985	23	-124.6	-461.2	-17.0	102.8	108.0	84.8	97.2	101.5
1986	21	-115.4	-445.0	-146.8	104.2	108.3	85.6	98.4	100.8
1987	21	-125.4	-467.5	0.0	104.0	107.9	84.4	97.6	101.6
1988	29	-123.7	-451.4	-248.9	104.8	107.0	88.1	99.0	100.9
1989	56	-149.8	-457.3	-325.3	103.9	109.0	86.3	98.2	101.4
1990	59	-151.0	-448.3	-320.8	103.6	108.5	85.8	98.8	101.6
1991	40	-123.8	-433.0	-131.2	104.2	108.0	86.0	98.3	101.1
1992	66	-119.8	-420.3	-190.5	104.6	107.7	85.8	98.5	101.5
1993	76	-106.9	-378.2	-146.2	103.6	108.2	85.8	99.2	101.1
1994	133	-79.4	-300.1	-88.4	103.7	107.6	86.5	98.8	101.0
1995	90	-105.6	-344.5	-228.3	103.7	107.5	86.5	99.5	101.0
1996	165	-81.6	-312.5	-110.9	104.2	107.6	85.6	98.8	101.6
1997	129	-82.8	-305.7	-154.4	103.8	107.7	86.8	98.9	102.2
1998	166	-85.7	-302.3	-167.8	103.8	107.5	87.2	99.6	102.3
1999	195	-98.1	-320.7	-210.3	103.6	107.5	86.0	99.2	101.7
2000	199	-99.7	-318.3	-214.6	103.4	107.5	86.7	99.7	101.5
2001	217	-85.0	-295.6	-177.7	103.5	107.3	87.1	99.7	101.4
2002	155	-75.5	-259.6	-152.7	103.2	107.5	86.7	100.3	101.6
2003	212	-68.1	-236.1	-134.2	103.4	107.1	87.1	100.7	100.9
2004	245	-59.6	-221.8	-120.1	103.4	107.0	87.0	100.4	101.1
2005	338	-53.2	-211.2	-116.4	103.2	107.1	87.1	101.3	102.0
2006	347	-47.2	-199.2	-109.5	103.4	106.9	87.2	100.9	102.0
2007	388	-35.6	-180.1	-92.6	103.7	107.0	87.5	101.2	102.5
2008	397	-29.2	-160.3	-65.1	103.5	107.1	87.4	100.7	102.2
2009	449	-26.3	-150.6	-64.0	103.1	107.2	88.4	101.1	102.1
2010	441	-10.6	-107.1	-32.8	103.0	106.8	86.7	100.8	101.6
2011	505	-5.7	-93.5	-20.9	102.8	106.5	89.0	101.0	101.8

2012	519	13.4	-68.5	26.0	103.2	106.5	89.5	102.8	101.8
2013	558	21.6	-52.8	48.8	103.1	106.2	91.2	102.6	101.8
2014	516	27.1	-33.7	62.0	102.7	106.1	91.5	102.4	101.7
2015	342	43.6	-13.2	108.3	103.2	106.0	91.7	102.6	102.0

Tabel: 322 Montbéliard: Klauwgezondheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2001	30	99.9	94.7	104.7	103.0	97.7	100.7	93.4
2003	14	99.5	94.4	104.2	102.4	97.6	100.2	92.9
2004	21	100.3	94.4	105.0	103.6	97.2	101.3	93.0
2005	49	101.3	95.0	106.3	104.2	98.2	100.7	92.6
2006	37	101.2	95.4	105.8	103.7	98.6	101.2	93.2
2007	50	101.5	95.9	105.2	103.8	99.1	101.8	93.7
2008	55	101.4	95.5	105.7	103.7	99.0	101.6	93.3
2009	41	101.1	96.0	105.2	103.2	99.0	101.3	94.1
2010	37	100.8	95.3	105.4	103.0	98.7	100.9	94.0
2011	74	101.0	95.8	105.1	102.9	99.1	101.5	93.9
2012	71	100.9	95.8	105.0	102.7	98.9	101.6	94.0
2013	58	101.7	96.8	105.2	103.3	99.3	101.9	93.8
2014	48	101.1	95.9	105.0	102.8	99.0	101.9	94.2
2015	13	101.2	96.2	105.2	102.4	99.8	100.8	94.1

Tabel: 323 Montbéliard: Levensvatbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1986	14	97.7	102.4	97.7	102.4	98.4	103.1
1988	10	97.2	103.1	97.2	103.1	97.8	103.8
1989	31	97.8	103.0	97.8	103.0	98.8	103.9
1990	35	97.7	103.3	97.7	103.3	99.2	103.6
1991	18	97.4	103.3	97.4	103.2	99.0	103.4
1992	39	97.4	103.2	97.4	103.2	99.3	103.2
1993	65	97.4	102.8	97.4	102.8	98.4	103.9
1994	103	97.3	102.8	97.3	102.8	98.6	103.7
1995	69	97.5	102.6	97.5	102.6	98.7	103.7
1996	109	98.0	103.0	98.0	103.0	99.7	103.6
1997	113	98.3	103.3	98.3	103.3	100.2	104.0
1998	125	98.2	103.6	98.2	103.6	99.8	104.2
1999	154	97.6	103.4	97.6	103.4	99.2	103.7
2000	167	97.6	103.4	97.6	103.4	98.8	103.8
2001	193	97.7	103.1	97.7	103.1	98.8	103.4
2002	190	97.9	103.1	97.9	103.1	98.7	103.4
2003	256	97.4	102.7	97.4	102.7	98.4	103.1
2004	306	97.4	102.9	97.4	102.9	98.5	103.3
2005	402	98.0	103.5	98.0	103.5	99.2	103.7
2006	461	98.0	103.5	98.0	103.5	99.3	103.6
2007	526	98.1	104.0	98.1	104.0	99.2	103.9
2008	579	98.0	103.8	98.0	103.8	99.0	104.0
2009	708	97.8	103.8	97.8	103.8	98.9	104.0
2010	678	97.5	103.8	97.5	103.8	98.8	104.0
2011	720	97.7	103.8	97.7	103.8	99.1	104.2
2012	759	97.7	103.9	97.7	103.9	99.3	104.6
2013	819	97.8	103.8	97.8	103.8	99.4	104.7
2014	800	97.7	103.8	97.7	103.8	99.4	104.7

2015	703	98.0	103.9	98.0	103.9	99.5	104.7
2016	591	98.1	103.5	98.1	103.5	99.6	104.3
2017	488	97.8	101.2	97.8	101.2	99.4	102.2
2018	44	98.0	100.9	98.0	100.9	99.7	102.0

Tabel: 324 Montbéliard: Geboortekkenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	21	87.3	110.7	114.8	100.4	80.3	82.4
1990	20	89.0	110.8	113.0	100.0	80.9	83.3
1991	14	88.5	111.2	113.7	71.4	58.1	59.6
1992	15	89.9	111.2	112.5	96.9	79.5	81.5
1993	27	87.7	110.5	114.7	93.0	74.3	74.0
1994	48	88.1	110.5	114.4	97.2	78.5	78.0
1995	19	87.8	110.4	114.5	96.1	76.9	76.7
1996	38	89.2	109.6	113.2	77.6	61.5	62.4
1997	37	89.2	109.9	113.2	92.5	72.2	73.0
1998	44	88.9	110.7	113.4	92.0	74.0	75.6
1999	41	88.6	110.9	113.6	82.6	66.4	67.5
2000	48	88.8	111.5	113.5	62.7	51.6	52.9
2001	40	89.5	110.9	112.7	91.3	75.9	77.8
2002	42	90.4	110.6	111.8	97.9	81.5	83.0
2003	79	89.9	110.1	112.3	104.1	86.2	87.9
2004	87	90.4	110.6	111.8	102.0	84.9	86.9
2005	151	90.4	110.5	112.0	106.0	86.8	88.7
2006	125	90.8	110.7	111.5	105.9	86.6	88.8
2007	183	90.1	110.5	112.3	110.1	89.6	91.8
2008	216	90.4	110.1	111.9	100.9	82.7	84.5
2009	247	90.2	109.8	111.8	94.2	77.4	78.4
2010	158	89.9	110.1	112.2	94.4	78.1	78.8
2011	58	90.9	109.0	111.3	92.0	77.4	77.8
2012	38	90.7	108.1	111.5	88.0	74.0	73.4
2013	41	90.8	108.8	111.3	84.4	69.9	70.8
2014	53	92.2	107.6	109.9	94.0	79.0	79.9
2015	21	93.3	107.6	108.8	111.1	92.2	93.6
2016	29	93.2	106.4	109.0	68.7	57.4	57.8
2017	23	92.2	108.1	109.8	48.0	40.8	41.0

Tabel: 325 Montbéliard: Kalvervitaliteit
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1986	14	92.6	99.1	83.9
1988	11	92.3	97.1	85.1
1989	34	93.9	99.6	85.1
1990	39	94.3	100.1	84.9
1991	18	94.1	99.7	84.3
1992	39	93.1	98.8	84.6
1993	68	93.3	99.3	85.1
1994	111	93.2	99.1	85.2
1995	81	93.2	98.9	85.1
1996	114	93.6	98.9	85.3
1997	128	93.6	98.8	84.6
1998	141	93.8	99.4	84.4
1999	165	93.2	98.9	84.5

2000	178	93.3	99.1	84.4
2001	207	93.1	98.9	85.5
2002	207	93.1	99.0	86.0
2003	284	93.1	98.8	86.3
2004	332	93.0	98.6	86.6
2005	426	92.5	98.4	86.0
2006	504	92.9	98.6	86.4
2007	561	92.6	98.5	86.1
2008	639	92.4	98.4	85.5
2009	771	92.4	98.4	85.6
2010	729	93.0	98.7	86.1
2011	779	93.2	99.0	86.1
2012	802	93.6	99.3	85.8
2013	888	93.7	99.3	85.5
2014	878	94.4	99.9	85.8
2015	781	94.1	99.7	85.2
2016	674	94.1	99.8	85.3
2017	527	94.2	99.7	85.4
2018	40	95.0	100.2	86.4

Tabel: 326 Montbéliard: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	211	-2136.9	-8444.2	-373.3	-301.5
2002	153	-1887.1	-7522.2	-328.4	-266.5
2003	213	-1711.0	-6663.8	-301.6	-240.4
2004	246	-1594.7	-6126.3	-282.4	-223.7
2005	340	-1524.7	-5865.9	-271.9	-212.9
2006	351	-1440.1	-5505.8	-253.8	-202.8
2007	393	-1276.8	-4827.6	-226.8	-179.1
2008	407	-1052.5	-3857.6	-191.3	-145.8
2009	457	-997.1	-3667.1	-181.1	-138.2
2010	453	-654.4	-2274.3	-122.0	-89.5
2011	531	-546.7	-1892.6	-101.9	-74.8
2012	544	-159.0	-351.3	-37.0	-18.6
2013	592	36.6	394.0	0.2	7.5
2014	530	192.4	1088.5	26.8	29.6
2015	339	572.2	2660.6	91.1	84.2

Tabel: 327 Montbéliard: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: NL

Jaar	Aantal	Eff	Int	Gewen
1989	14	97.0	103.9	98.4
1992	12	97.8	105.3	98.0
1993	17	97.1	105.4	97.6
1994	18	96.8	104.6	97.8
1995	12	97.2	105.2	98.1
1996	14	97.4	105.6	97.4
1997	26	96.9	105.0	97.5
1998	26	97.3	104.0	97.5
1999	16	98.3	104.4	97.1
2000	20	98.8	104.5	97.1
2001	18	97.3	104.2	98.3
2002	19	96.6	103.9	98.1

2003	27	97.9	103.7	97.9
2004	29	97.4	103.2	98.5
2005	48	96.5	103.0	98.3
2006	47	96.6	103.3	98.2
2007	73	96.4	103.2	98.4
2008	101	96.1	103.7	97.7
2009	130	96.4	103.2	98.1
2010	127	97.1	103.5	98.0
2011	169	97.5	104.7	98.1
2012	149	97.6	105.6	97.8
2013	169	97.2	106.5	97.4
2014	141	97.5	106.3	97.9
2015	105	97.0	107.1	97.6

Tabel: 328 Montbéliard: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1981	10	102.4	96.8	0	0.0	0	0.0
1985	31	101.9	99.2	30	-5.0	0	0.0
1986	29	102.7	99.6	23	-4.9	0	0.0
1987	48	101.3	99.4	47	-5.2	0	0.0
1988	41	101.9	99.8	35	-4.7	0	0.0
1989	56	100.7	99.3	39	-3.6	0	0.0
1990	61	100.4	98.5	38	-3.5	0	0.0
1991	41	101.4	98.9	31	-3.8	0	0.0
1992	71	102.5	99.6	40	-3.7	0	0.0
1993	78	102.2	98.9	48	-3.2	0	0.0
1994	136	101.8	98.6	78	-2.5	0	0.0
1995	92	101.9	98.7	34	-2.7	0	0.0
1996	171	102.2	99.0	82	-2.9	0	0.0
1997	132	102.2	99.1	50	-2.3	0	0.0
1998	168	101.8	98.7	62	-2.2	0	0.0
1999	198	101.4	98.4	87	-2.4	0	0.0
2000	199	101.2	98.4	77	-2.2	0	0.0
2001	219	101.2	97.7	78	-2.3	27	104.1
2002	156	101.3	97.7	38	-1.7	29	104.4
2003	213	102.1	97.7	41	-1.5	29	104.6
2004	246	102.0	97.4	49	-1.3	28	103.6
2005	338	102.1	97.5	63	-0.8	56	104.8
2006	347	102.6	97.2	43	-1.0	31	105.4
2007	388	102.3	97.5	41	-0.3	39	105.9
2008	397	102.1	96.8	45	-0.4	43	106.1
2009	449	101.8	96.8	38	-0.1	37	106.4
2010	441	102.0	97.0	30	0.0	26	106.9
2011	505	102.1	97.3	54	-0.0	51	106.4
2012	519	102.7	97.8	52	0.2	51	106.0
2013	558	102.7	97.8	55	0.3	54	105.4
2014	516	102.4	97.5	63	0.7	63	105.6
2015	342	103.1	97.6	21	0.9	16	105.7

Tabel: 329 Piemontese: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1985	18	96.2	102.6	96.2	96.5	89.6	84.2	75.6	96.2

1986	14	97.1	102.0	96.1	96.2	89.9	84.3	73.1	95.9
1987	26	96.8	102.8	97.6	97.3	90.4	84.8	78.2	97.2
1988	27	96.6	103.4	99.1	98.4	91.3	86.2	82.6	98.7
1989	62	94.4	103.6	97.0	97.4	88.7	83.2	80.4	97.0
1990	95	95.9	103.2	97.8	97.5	90.1	85.6	79.6	97.5
1991	179	96.2	102.9	97.5	97.3	90.1	85.3	78.7	97.2
1992	307	96.5	103.1	97.8	97.5	90.3	85.4	78.7	97.5
1993	393	96.8	103.7	98.2	98.1	90.7	85.2	77.7	97.9
1994	353	96.9	103.3	98.0	97.8	91.0	85.6	77.1	97.7
1995	357	96.9	103.3	98.0	97.9	91.0	85.6	77.6	97.8
1996	390	96.9	103.2	97.9	97.7	91.0	85.6	77.6	97.6
1997	382	97.0	103.2	97.8	97.7	90.9	85.5	77.4	97.5
1998	381	97.4	103.0	97.9	97.7	91.4	86.5	77.2	97.6
1999	387	97.4	103.0	97.9	97.7	91.4	86.9	77.7	97.6
2000	384	97.2	102.9	97.6	97.5	91.1	86.7	77.8	97.4
2001	362	97.1	102.7	97.5	97.4	91.1	86.5	77.8	97.2
2002	349	97.0	103.1	97.6	97.8	91.2	86.6	78.5	97.5
2003	313	96.8	102.8	97.3	97.4	90.9	86.2	78.5	97.1
2004	357	96.8	102.7	97.2	97.4	90.8	86.3	78.6	97.1
2005	346	96.5	102.7	97.0	97.3	90.7	86.5	79.4	96.9
2006	314	96.8	102.6	97.1	97.2	90.8	86.5	79.0	96.9
2007	336	96.9	102.8	97.4	97.6	91.0	86.7	79.0	97.3
2008	279	97.1	102.4	97.3	97.3	91.1	86.9	79.1	97.1
2009	304	96.9	102.3	97.2	97.1	90.9	86.7	79.3	96.9
2010	286	96.5	102.5	97.1	97.2	90.6	86.5	80.3	96.9
2011	255	96.9	102.5	97.3	97.3	90.9	86.7	79.7	97.0
2012	203	96.9	102.4	97.4	97.3	91.0	86.6	79.4	97.1
2013	213	96.6	102.5	97.1	97.2	90.6	86.4	80.0	96.9
2014	184	96.9	102.5	97.3	97.2	90.9	86.6	79.3	97.0
2015	64	96.8	102.8	97.6	97.6	90.8	86.5	80.3	97.4

Tabel: 330 Piemonte: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	13	87.5	121.0	116.5	27.1	26.2	33.5
1990	20	86.8	121.8	117.0	27.4	25.1	31.4
1991	35	87.3	121.3	116.4	33.9	31.4	39.6
1992	36	86.8	122.8	117.1	38.1	34.6	44.0
1993	36	88.3	121.2	115.4	45.4	41.8	53.2
1994	46	86.5	121.7	117.2	47.7	44.0	55.6
1995	62	87.9	121.3	115.9	49.8	46.2	58.8
1996	66	88.0	121.6	115.7	52.2	48.4	61.6
1997	72	88.2	121.1	115.4	45.4	42.8	53.7
1998	85	88.0	122.1	115.9	51.4	47.2	60.2
1999	98	88.6	121.9	115.4	53.0	48.7	62.1
2000	112	89.4	121.1	114.5	55.4	51.7	66.2
2001	124	89.4	121.3	114.5	61.5	57.8	73.7
2002	119	89.2	121.1	114.8	64.4	59.6	76.4
2003	107	89.4	121.5	114.6	63.2	60.5	76.7
2004	143	88.9	121.6	115.1	72.6	68.5	87.6
2005	187	89.2	121.9	114.9	77.6	73.0	92.9
2006	152	89.4	122.1	114.6	76.7	72.5	92.0
2007	284	90.4	122.1	113.7	66.7	62.6	79.7
2008	276	90.2	122.6	113.8	52.0	48.2	61.0
2009	259	89.7	122.4	114.5	54.0	49.2	62.1
2010	220	89.7	121.9	114.5	45.8	42.0	53.0
2011	77	90.0	123.9	114.3	80.0	72.9	91.6
2012	60	89.0	124.9	115.4	85.4	76.1	96.1
2013	59	89.5	124.2	114.9	71.5	65.3	82.1

2014	63	90.2	124.6	114.3	81.0	72.6	91.3
2015	25	89.8	123.1	114.5	55.4	49.9	62.9
2016	32	93.2	124.2	111.2	46.2	42.3	52.5
2017	28	93.9	121.5	110.6	26.6	23.6	29.8

Tabel: 331 Blonde d'Aquitaine: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	33	97.8	99.0	97.6	95.8	91.4	76.7	54.8	96.3
1981	13	97.3	99.2	97.3	95.8	91.8	77.1	55.1	96.2
1982	18	98.6	98.7	98.4	95.9	92.6	77.8	54.8	96.9
1983	14	96.9	99.0	97.0	95.6	91.1	76.0	55.9	96.1
1984	22	98.1	98.7	97.7	95.7	92.0	77.1	54.5	96.4
1985	57	97.5	99.0	97.4	95.7	91.4	76.5	55.2	96.3
1986	80	97.0	99.9	98.1	96.6	91.8	77.1	56.3	97.0
1987	118	97.2	98.9	97.3	95.7	91.4	76.9	55.7	96.3
1988	190	96.6	99.6	97.4	96.1	91.4	78.2	58.2	96.5
1989	378	96.9	99.3	97.6	96.0	91.4	78.2	58.6	96.5
1990	514	96.0	99.6	97.4	96.0	91.0	78.5	61.3	96.5
1991	766	96.4	99.3	97.3	95.9	91.0	77.8	60.3	96.3
1992	1097	96.3	99.2	97.0	95.8	90.8	77.4	60.4	96.2
1993	1087	96.0	99.5	97.0	96.0	90.6	77.0	60.8	96.3
1994	937	96.2	99.4	97.0	95.9	90.7	77.1	60.7	96.2
1995	1065	96.4	99.4	97.1	95.9	90.9	77.0	60.8	96.3
1996	1003	96.3	99.3	97.0	95.8	90.7	76.4	59.7	96.2
1997	1046	96.4	99.2	97.0	95.7	90.8	76.3	59.4	96.1
1998	954	96.1	99.4	96.9	95.8	90.5	76.1	59.8	96.0
1999	913	96.4	99.1	96.9	95.6	90.7	76.3	59.5	96.0
2000	939	96.5	99.3	97.1	95.9	91.0	76.6	59.6	96.3
2001	897	96.1	99.4	96.9	95.9	90.7	76.3	59.3	96.1
2002	851	96.2	99.4	97.0	95.8	90.8	76.3	59.4	96.2
2003	878	96.3	99.3	96.9	95.7	90.7	76.2	59.2	96.0
2004	890	96.2	99.1	96.7	95.6	90.6	76.2	59.4	95.9
2005	952	95.9	99.2	96.5	95.6	90.4	75.9	59.2	95.8
2006	965	96.0	99.2	96.6	95.6	90.5	76.2	59.4	95.8
2007	931	95.9	99.2	96.5	95.6	90.4	76.3	59.5	95.8
2008	998	96.0	99.1	96.5	95.6	90.4	76.5	59.9	95.8
2009	910	96.0	99.1	96.5	95.6	90.4	76.5	59.9	95.8
2010	865	95.9	99.0	96.4	95.5	90.4	76.6	60.0	95.7
2011	809	96.1	98.9	96.6	95.5	90.7	77.1	60.4	95.8
2012	687	96.1	98.9	96.5	95.6	90.6	76.9	60.2	95.8
2013	543	96.0	98.9	96.4	95.5	90.5	76.7	60.0	95.7
2014	131	96.1	98.8	96.3	95.5	90.5	76.9	60.4	95.7
2015	41	96.4	98.6	96.6	95.4	90.8	77.4	60.3	95.8

Tabel: 332 Blonde d'Aquitaine: Geboortekenmerken
Basis: Dubbeldoel
Land: NL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	11	80.5	123.8	125.2	0.0	0.0	0.0
1985	11	79.0	125.0	126.5	0.0	0.0	0.0
1987	19	77.8	125.4	127.7	6.0	4.5	4.9
1988	26	77.9	124.5	127.7	4.2	3.3	3.6
1989	39	77.4	125.1	128.1	2.8	2.2	2.4
1990	44	77.3	124.5	128.3	7.7	6.0	6.8

1991	54	77.1	124.6	128.5	0.0	0.0	0.0
1992	90	77.7	125.0	127.8	11.4	8.2	9.0
1993	105	78.4	125.0	127.1	6.5	4.8	5.2
1994	83	78.2	125.0	127.5	10.9	8.0	8.7
1995	76	78.9	124.3	126.7	13.4	10.0	11.1
1996	71	79.2	124.9	126.3	14.6	10.6	11.4
1997	98	79.9	124.5	125.6	20.9	15.4	16.9
1998	109	79.5	124.3	126.0	35.4	26.3	28.9
1999	101	79.6	124.8	126.0	30.1	22.7	24.7
2000	108	79.6	124.4	125.9	45.2	33.7	36.9
2001	145	80.6	124.4	125.0	61.1	45.8	49.8
2002	130	81.2	123.7	124.3	63.0	47.1	50.8
2003	158	80.3	124.6	125.2	49.2	37.1	40.4
2004	211	80.1	124.9	125.4	71.3	53.7	58.6
2005	270	80.1	125.2	125.4	78.4	59.2	65.5
2006	220	80.2	125.1	125.4	71.2	53.8	59.4
2007	398	81.5	125.6	123.9	69.1	52.1	57.1
2008	445	82.2	125.8	123.2	67.6	51.5	56.2
2009	369	81.9	125.7	123.4	61.7	46.9	51.3
2010	327	81.8	125.2	123.5	67.8	51.3	56.0
2011	289	81.1	124.9	124.2	76.0	56.7	61.7
2012	276	80.7	124.6	124.7	68.5	50.8	55.4
2013	209	80.5	124.8	124.9	63.7	47.4	51.7
2014	247	80.6	124.0	124.8	51.7	39.0	42.7
2015	191	80.0	123.3	125.5	38.9	29.0	31.9
2016	153	79.3	123.8	126.2	22.5	17.2	18.9
2017	181	79.9	123.7	125.7	19.8	14.9	16.4
2018	21	79.6	123.5	125.9	5.2	4.0	4.5

Tabel: 333 Normande: Melkproductiekenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1995	12	-2036.4	-75.8	-65.8	-92.9	25.6	12.4	-0.5	-456.6

NB: Vet%, eiwit% en lactose% hebben een fokwaarde*100

Tabel: 334 Normande: Vruchtbaarheidskenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1995	10	104.0	106.3	110.2	108.2	105.0	102.1	86.5	109.5

Tabel: 335 Normande: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: NL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1995	11	-111.1	-456.6	0.0	99.8	109.5	83.0	89.0	102.0

Tabel: 336 Normande: Overige productie en efficiency kenm.
Basis: Melkdoel rood

Land: NL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1995	12	103.8	93.8	12	-4.9	0	0.0