

$$NVImelkdoel = 0,4 * Inet + 0,08 * lvd + 4,7 * UGH + 6,3 * VRU + 1,8 * Uier + 3,6 * Beenwerk + 1,8 * GEB + 2,7 * KGH + 0,23 * BVK$$

$$NVIdubbeldoel = 0,35 * Inet + 0,09 * lvd + 5,2 * UGH + 5,2 * VRU + 5,2 * Uier + 6 * Beenwerk + 2 * GEB + 5,2 * VLi$$

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Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

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Ki		Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Gab	KA	MS	Kgh	Bt	F	T	U	
Ai		Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	
Melkdoel Zwart										pnt			Productie										€	€	Functioneel										Exterieur		
Tot	NL	880208035	Vekis Powerboss		Boss	Número Uno	Gna		85	+216	+2	102	92	+1048	+0,06	+0,02	+0,01	+50	+38	+49	+276	-19	+54	75	+429	104	105	103	99	99	95	99	87	94	95	107	
GGI	DK	03372306362	Baltikum		Balisto	Snowman	Gna		91	+215	-2	489	95	+1377	+0,17	+0,08	+0,03	+76	+56	+66	+409	+2	-14	82	+432	105	99	103	101	101	91	99	95	101	100	104	
CRV	BE	411506393	Delta Bulb		Edison	Mascol	Gna		91	+214	+2	158	96	+946	-0,37	-0,19	+0,19	+4	+14	+62	+84	+12	+36	85	+613	108	108	105	103	101	99	103	91	102	103	100	
CRV	NL	755764370	Delta Sindor		Supershot	Epic	Gna		85	+213	+7	326	91	+1886	-0,28	-0,13	+0,11	+50	+52	+98	+348	+6	-18	76	+619	102	101	104	98	107	99	100	93	108	104	107	
WWS	US	70119251	Ronelee Ssi O Daddy		Observer	Outside	Nat		83	+213	+18	35	89	+1529	-0,44	-0,15	-0,06	+19	+38	+64	+215	+4	+10	78	+347	106	106	105	100	97	102	108	85	100	101	100	
CRV	NL	599978140	Delta Conan		Commander	Sterngold	Gna		86	+213	-4	420	92	+327	+0,25	+0,20	+0,01	+37	+30	+16	+206	-3	-26	77	+380	106	99	104	102	104	104	108	95	96	104	109	
CRV	NL	679611154	Delta Beatle		Commander	Fever	Gna		85	+213	-8	332	91	+333	+0,48	+0,00	+0,13	+58	+12	+27	+179	-7	+16	76	+463	108	99	102	104	107	102	109	94	99	100	109	
CRV	NL	561145280	Delta Freerider		Rocky	Gibor	Gna		92	+213	+27	154	96	-149	+0,19	+0,22	+0,00	+10	+14	-7	+76	+28	-28	83	+678	110	106	106	109	102	97	105	96	101	101	104	
CRV	NL	730639868	Hoeve Bovensind Herovina	RF	Sunfish	Eusebio	Gna	Gn	83	+212	+55	254	89	+2175	-0,13	-0,05	+0,05	+78	+70	+105	+482	+112	+28	72	+219	109	98	92	101	97	94	96	91	101	101	97	
CRV	NL	246470564	Beerzedal Paragon		Rocky	Jeeves	Gna		91	+212	+23	598	95	+961	+0,30	+0,09	+0,00	+70	+42	+44	+332	+4	-4	82	+564	104	99	104	101	104	99	103	97	104	106	104	
Alt	US	3129128746	Peak Altaturnkey		Wickham	Ransom	Nat		77	+211	+5	94	82	+1364	+0,34	+0,00	+0,03	+93	+47	+65	+408	+41	+13	65	+425	100	101	107	102	105	103	101	69	104	102	100	
Sem	CA	11761788	Silverridge Endure		Doorman	Snowman	Nat		89	+211	-10	456	95	+1426	-0,21	-0,11	+0,00	+39	+38	+65	+257	-3	-2	80	+691	107	99	102	97	96	82	104	93	103	103	107	
WWS	US	66636657	De-Su 521 Bookem		Planet	Ramos	Nat		98	+211	+4	3793	99	+1207	-0,24	-0,04	+0,04	+27	+38	+59	+230	-4	-13	96	+536	106	104	108	100	104	94	99	99	99	101	106	
CRV	NL	738287780	Weelder Esperanto		Final	G-Force	Gna	Gn	85	+211	-31	381	90	+1162	-0,23	-0,08	-0,05	+26	+32	+48	+200	-17	+16	74	+471	102	103	105	105	103	102	106	94	95	97	108	
Sem	US	72852002	De-Su Galapagos		Deductive	Mogul	Nat		84	+210	+23	330	90	+1482	-0,18	-0,16	+0,06	+44	+35	+74	+258	+14	+43	74	+624	103	103	98	98	101	100	105	90	95	99	108	
ABS	US	3008160513	No-Fla Hurst		Dorcy	O Man	Nat		91	+210	+3	540	94	+925	-0,01	+0,00	+0,13	+38	+32	+55	+228	+8	+1	84	+699	110	100	104	99	102	98	100	90	102	102	109	
K&L	DK	02371402380	Vh Barkley		Bookem	Gibor	Gna		89	+210	+18	145	93	+1232	-0,30	-0,09	-0,04	+22	+34	+52	+201	+29	+29	77	+506	104	102	107	104	97	98	105	89	94	96	104	
CRV	NL	718437783	Delta Topgear		Maliki	Solero	Gna		91	+210	+4	1078	94	+53	-0,08	+0,05	-0,11	-5	+6	-7	+12	-7	-62	83	+678	109	103	104	100	94	89	114	99	103	107	105	
CRV	NL	687206696	Delta Concert		Crescendo	G-Force	Gna		90	+209	+43	2112	93	+1169	-0,12	-0,04	+0,01	+38	+37	+54	+248	+20	+31	82	+414	103	107	105	101	100	103	99	98	101	105		
Alt	US	3129205459	Peak Altaamulet		Josuper	Mogul	Nat		81	+208	+6	126	87	+1880	-0,07	-0,10	+0,02	+72	+55	+88	+403	+4	-15	69	+459	98	100	101	99	107	99	102	83	104	105	111	
CRV	NL	710730956	Delta Bodyguard		Bolt Rf	Stellando Rf	Gna		86	+208	-26	368	91	+1254	-0,12	-0,02	+0,04	+41	+42	+61	+277	+6	+39	77	+186	104	101	106	98	104	102	102	94	98	101	108	
K&L	DK	02371402699	Vh Bosman		Balisto	G-Force	Gna		84	+207	+29	171	91	+914	+0,27	+0,25	-0,06	+65	+56	+36	+377	+15	+25	74	+439	103	97	100	98	99	100	102	89	95	99	102	
WWS	US	3008897582	S-S-I Snowman Mayflower		Snowman	Socrates	Int		88	+206	-2	139	92	+2409	-0,46	-0,18	+0,00	+50	+64	+110	+400	-21	+8	80	+581	103	99	98	99	102	102	99	91	100	104	104	
CRV	NL	930896036	Newhouse Jasper	CD	G-Force	Cricket	Gna		90	+206	+19	121	95	+456	+0,21	+0,25	+0,02	+39	+23	+249	+14	+13	83	+216	104	105	103	103	97	94	104	94	97	97	107		
Tot	NL	763906694	Broeks Kemas		Mardi Gras	Bookem	Nat		70	+206	+6	54	82	+1034	-0,08	-0,08	+0,14	+36	+28	+61	+209	+4	+25	60	+595	103	105	106	103	105	102	102	65	99	101	109	
Alt	US	3131131371	Peak Altapolish		Silver	Supersire	Nat		76	+205	+41	88	83	+751	+0,41	+0,07	+0,11	+71	+33	+45	+298	+123	-22	68	+411	102	105	103	102	102	100	101	78	97	107	107	
Alt	US	3126218670	Peak Altafeature		Altageunity	Mccutchen	Nat		73	+205	+40	60	82	+1370	-0,39	-0,29	+0,17	+18	+18	+80	+136	+12	+20	65	+655	106	103	106	103	103	102	108	76	99	101	108	
CRV	NL	921320519	Newhouse Adaro		Monopoly	Jeeves	Gna		88	+205	+18	140	94	+164	+0,23	+0,01	+0,12	+28	+7	+18	+93	+2	+29	80	+691	109	106	105	99	103	102	103	91	102	102	105	
ABS	US	70726929	Uecker Supersire Josuper		Supersire	Beacon	Nat	2n	91	+204	+12	345	96	+2489	-0,23	-0,18	-0,06	+79	+66	+107	+469	-11	-23	82	+376	101	98	107	98	107	99	101	92	101	103	101	
ABS	DE	0538894921	Wildier Hamlet		Supershot	Saloon	Nat		76	+204	+15	64	84	+1690	-0,18	+0,00	+0,06	+53	+59	+83	+378	+27	-49	67	+370	104	102	101	100	102	99	101	83	103	105	105	
Kam	NL	842249399	Payday		Bookem	Mascol	Gna		85	+204	+36	152	92	+1298	-0,19	-0,02	+0,04	+36	+43	+63	+271	+8	+0	75	+562	108	100	97	98	103	96	102	86	101	102	101	
CRV	NL	656787711	L W Crescendo		Stellando Rf	Planet	Gna		93	+203	+7	278	97	+1354	+0,08	-0,05	+0,03	+66	+42	+65	+330	-18	+41	87	+310	99	105	108	104	98	105	101	96	98	103	100	
GGI	NL	622046493	Mars Laurent	RF	Label P	Snowman	Gna		84	+203	+0	118	90	+214	+0,42	+0,30	-0,05	+47	+35	+5	+244	+12	-12	72	+557	105	102	101	97	98	97	106	90	100	100	107	
WWS	US	70625809	De-Su Rookie 11057-Et		Bookem	Bronco	Int		86	+203	-20	184	91	+934	+0,21	-0,10	-0,01	+60	+23	+42	+233	-50	+42	78	+531	102	102	106	99	106	99	104	89	98	98	106	
ABS	US	72851652	De-Su 12109 Battlecry		Balisto	Número Uno	Nat		86	+203	-7	125	93	+635	+0,33	-0,03	-0,05	+58	+19	+24	+207																

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	KgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U					
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	D	U					
Melkdoel Zwart										pnt	Productie										€					€	Functioneel										Exterieur		
Gex	US 3128463273	Syryczuk Silvr Blowtorch		Silver	Altaoak	Nat	73	+195	+23	29	78	+975	+0,28	+0,00	+0,00	+69	+34	+45	+298	+58	-29	65	+308	103	104	105	98	103	102	97	78	102	106	110					
WWS	US 3125066459	Welcome Legendary 2870		Damaris	Shema Jeeves	Nat	73	+195	+0	37	79	+174	+0,31	+0,02	+0,06	+35	+8	+13	+110	-41	+15	61	+691	107	105	102	94	103	100	105	81	95	99	108					
CRV	NL 941810667	Peeldijker Limousine		Crescendo	Doorman	Gna	86	+194	-12	464	91	+1278	+0,02	+0,06	-0,03	+56	+51	+55	+343	-21	-19	76	+393	104	102	103	101	101	95	100	94	99	104	104					
STG	US 72128125	Edg Rubicon		Mogul	Roylane Socra	Nat	2n	91	+194	+3	365	96	+753	+0,53	+0,08	+0,11	+83	+34	+45	+327	+12	+2	84	+492	101	97	108	99	103	100	98	96	101	105	108				
GGI	DE 0538393143	Board Et		Boss	Epic	Gna	87	+194	+11	118	92	+1289	-0,18	-0,05	+0,06	+36	+40	+65	+259	+5	-12	75	+534	107	99	106	100	105	97	102	89	104	104	104					
Alt	US 3129037884	Mr Salvatore	RF	Supershot	Dymenthom S	Nat	79	+194	+3	104	86	+1893	-0,38	-0,29	+0,13	+39	+35	+100	+255	-5	-28	69	+507	107	99	102	104	101	95	103	88	102	106	111					
Kam	NL 751089990	Koepon Motif		Mogul	Planet	Gna Gn	79	+194	+46	59	87	+704	+0,17	-0,09	+0,02	+46	+16	+34	+172	+32	+8	72	+767	103	101	103	103	108	108	100	83	100	103	110					
CRV	NL 875952040	Bouw Final		Danno	Epic	Gna	96	+194	+16	6952	98	+930	-0,19	-0,07	+0,13	+21	+26	+55	+167	-5	-17	90	+487	106	100	105	103	104	97	105	99	97	103	105					
GGI	DE 0537057055	Bedford		Beacon	Goldwyn	Gna	84	+193	+5	39	90	+1144	-0,08	-0,01	+0,00	+41	+39	+52	+262	+22	+28	75	+487	107	103	100	99	101	98	98	83	101	101	104					
Alt	US 300976647	No-Fla Altagenuity		Epic	Trigger	Nat	2n	87	+193	-5	280	93	+655	-0,30	-0,18	+0,17	-1	+6	+46	+36	-16	-4	78	+776	106	106	105	103	105	101	109	90	101	102	108				
CRV	NL 672633339	Huntje Holstein Armada	RF CD	Ballisto	Mr Savage	Gna	86	+192	+37	93	93	+349	+0,36	+0,25	+0,02	+48	+35	+18	+250	+17	+33	75	+429	106	102	107	106	97	102	102	90	90	93	101					
CRV	NL 588000519	De Vlog Chrisboy		Epochal	Titanium	Gna	88	+192	+7	435	93	+1326	+0,01	-0,21	+0,02	+57	+25	+63	+241	+53	+13	78	+380	106	99	102	103	98	99	103	95	100	101	104					
Bov	US 140969423	Ronelee Dorcy Deligent	BY	Dorcy	Boliver	Nat	83	+192	+5	105	92	+1289	-0,49	-0,12	+0,11	+5	+33	+70	+167	-6	+39	75	+598	107	101	105	99	103	106		87	93	96	113					
WWS	US 70626131	De-Su Ltm Rodgers 11379-Et		Lithium	Brigeen Russel	Nat	84	+192	-3	71	88	+851	-0,09	-0,15	+0,07	+27	+15	+46	+132	-9	+32	79	+376	107	107	109	107	101	97	102	79	96	97	102					
Sem	CA 11289029	Stantons Applicable		Silver	McCutchen	Nat	81	+192	+2	112	86	-55	+0,47	+0,06	+0,06	+39	+3	+3	+95	-52	-20	70	+324	105	104	102	98	100	109	109	89	99	106	117					
Tot	DE 0354449388	Boom		Bookem	Bogart	Gna	85	+191	-7	118	93	+1565	-0,20	-0,12	+0,01	+46	+42	+73	+291	+0	+25	76	+198	106	103	104	103	105	99	99	84	102	101	105					
STG	US 72128224	Mr Mogul Drama 1435		Mogul	Roylane Socra	Nat	79	+191	+1	59	87	+2046	-0,38	-0,30	+0,10	+45	+38	+104	+282	-11	+45	71	+509	99	101	101	102	103	106	102	78	96	101	106					
Sem	IT 53990116251	Toc-Farm Fitz		Doorman	Snowman	Nat	90	+191	+10	528	95	+1534	-0,24	-0,13	-0,05	+40	+40	+65	+268	-4	-62	81	+261	108	101	107	98	101	98	99	94	101	106	115					
WWS	CA 11591480	Delaberge Pepper		Mogul	Planet	Nat	94	+191	+2	667	98	+10	+0,55	+0,20	+0,09	+49	+18	+8	+179	-13	-17	88	+486	105	103	107	102	109	104	99	96	101	106	112					
WWS	US 69981349	Seagull-Bay Supersire		Roylane Socra	Planet	Nat	96	+190	+4	904	99	+1555	-0,10	-0,12	+0,07	+56	+42	+78	+313	-7	+7	94	+415	104	102	106	99	108	100	100	99	102	105	101					
Sem	CA 11703311	Silvridge V Wickham		Mogul	Snowman	Nat	2n	93	+190	-13	607	97	+1829	-0,15	-0,28	+0,03	+62	+34	+87	+296	+12	-1	86	+432	103	98	105	100	108	104	102	96	100	102	110				
WWS	US 3014365400	Ocd Rodgers Franchise		Rodgers	Mogul	Nat	75	+190	+10	32	81	+1167	-0,13	-0,14	+0,04	+36	+27	+57	+203	+15	+21	63	+374	107	103	108	106	103	100	99	80	92	100	110					
CRV	NL 538172899	Tjebbinga Geelong		G-Force	Mascol	Gna	94	+190	-4	364	98	+221	+0,46	+0,11	-0,06	+51	+18	+5	+182	-5	+29	90	+398	105	101	103	101	94	91	106	95	100	100	101					
ABS	US 71813206	De-Su 11620 Nirvana		Mogul	Planet	Nat	2n	95	+189	+7	1277	98	+1470	-0,12	+0,05	+0,02	+50	+56	+69	+355	-4	+17	90	+483	100	96	104	97	104	100	99	96	101	102	108				
Alt	US 3129037624	Ihg Caine		Supershot	McCutchen	Nat	82	+188	+25	278	88	+679	+0,09	+0,01	+0,04	+37	+25	+35	+191	+25	-49	72	+382	103	106	103	102	106	101	105	88	103	105	110					
WWS	US 71913155	De-Su Ss Honeybee 11569		Supersire	Bookem	Nat	88	+188	+0	278	94	+1033	-0,13	-0,15	+0,07	+31	+21	+54	+167	-33	-16	78	+396	107	106	107	99	104	100	103	91	104	104	105					
GGI	NL 916344441	Mars Mandela		Mogul	Super	Gint	83	+187	+9	29	87	+755	+0,17	+0,08	+0,03	+48	+34	+37	+251	-1	+13	72	+480	102	104	107	98	104	101	100	82	98	99	101					
CRV	US 3010356101	Mr Maribel Jacey Marlow		Jacey	Número Uno	Gna	81	+187	-9	50	89	+994	-0,16	-0,09	+0,06	+26	+26	+51	+177	-23	-1	71	+716	109	102	98	96	106	103	101	85	97	101	109					
Tot	NL 876060421	Koning Rambo		Silver	Supersire	Nat	Ng	66	+187	+69	38	75	+661	+0,17	-0,06	+0,17	+44	+17	+46	+176	+103	-17	60	+492	102	106	104	99	103	104		71	103	105	109				
Alt	US 3125475781	Peak Altacanjuror		Jabir	Mogul	Nat	75	+186	+11	77	85	+707	+0,30	+0,08	-0,08	+59	+32	+25	+263	+26	-55	65	+456	99	103	102	99	105	100	105	66	96	105	108					
Mas	NL 546055407	Weelder Special Force		G-Force	Planet	Gna	87	+186	+11	131	93	+1624	-0,55	-0,11	-0,01	+11	+45	+73	+230	+5	-13	79	+580	105	102	98	100	102	104	102	87	102	103	107					
CRV	NL 716548160	Delta Rozet		Jasper	Yano	Gna	86	+186	+8	475	91	+532	-0,05	+0,02	+0,01	+18	+20	+25	+127	-7	+20	77	+199	105	107	104	106	99	93	104	95	98	94	112					
Alt	US 3131131438	Peak Altalobello		Donatello	McCutchen	Nat	77	+185	+1	142	83	+758	+0,21	+0,00	+0,12	+52	+26	+46	+230	-32	+21	65	+421	105	104	104	99	106	104	102	78	97	101	108					
Mas	DE 0357795060	Gloryday		Genestar	Supersire	Gint	72	+184	+17	27	81	+1688	-0,07	-0,09	-0,01	+64	+49	+76	+358	+11	+31	62	+375	102	97	103	97	100	104	99	79	102	101	106					
CRV	NL 751519714	Apina Malcolm	RF	Stellando Rf	Ramos	Gna	94	+184	+7	300	97	+1286	-0,12	+0,03	-0,03	+42	+48	+56	+302	+7	+6	89	+79	101	101	106	100	100	99	105	95	101	102	97					
OBS	DE 0358174839	Milord		Missouri	Headliner	Gint	78	+184	+22	37	84	+1226	-0,13	-0,04	-0,06	+39	+39	+50	+257	+43	+46	65	+377	102	101	102	10												

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	KgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U								
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	D	S								
Melkdoel Zwart										Productie										€	€	Functioneel										Exterieur										
										pnt																																
Alt	US 3011527649	No-Fla Altavino		Mccutchen	Massey	Nat	81	+179	-14	59	86	+840	+0,15	-0,03	+0,07	+50	+26	+45	+225	-3	-33	69	+159	109	101	107	101	106	96	103	73	99	103	112								
ABS	CA 11720553	Brabantdale Drake		Commander	Mccutchen	Nat	77	+179	+35	100	85	-590	+0,85	+0,43	+0,06	+45	+15	-22	+149	-31	+36	69	+313	107	103	105	101	106	102	102	82	96	97	111								
CRV	NL 876621259	Delta Amigo		Atlantic	Gibor	Gna	93	+178	+13	268	97	+118	-0,04	+0,13	-0,18	+1	+16	-11	+64	+21	-21	85	+427	109	107	108	108	100	99	107	95	100	102	100								
STG	US 72128215	Mr Mogul Denver 1426		Mogul	Roylane Socra	Nat	83	+177	-17	65	89	+1944	-0,04	-0,20	+0,03	+78	+46	+92	+380	-25	+19	74	+387	97	100	101	93	103	103	100	85	101	104	107								
Kam	NL 592640639	De Volmer Dropshot Rf	RF	Supershot	Perfect Aiko	Gna	84	+177	-34	347	90	+781	+0,30	+0,11	+0,07	+62	+38	+42	+299	-23	-13	74	+96	102	104	106	99	107	102	100	90	104	106	106								
Alt	US 3131131390	Peak Altaforever		Silver	Badger-Bluff Fz	Nat	79	+177	+63	131	85	+1036	+0,16	+0,01	+0,02	+60	+37	+49	+292	+40	-27	68	+394	100	99	105	101	106	104	102	81	104	106	111								
CRV	NL 967155003	Delta Silverman		Danno	Stan	Gna	89	+177	+8	183	94	+1348	-0,40	-0,11	+0,11	+16	+36	+73	+203	+20	-40	80	+218	108	102	102	98	98	97	101	92	101	105	107								
Sem	US 3013129323	Ladys-Manor Doorsopen		Doorman	Dorcy	Nat	86	+176	+3	148	93	+579	+0,30	-0,09	+0,00	+53	+12	+26	+168	-2	-25	76	+496	112	98	102	94	99	90	100	91	100	103	115								
Sam	NL 752535139	Hoekland Bono		Bookem	Twist	Nat	78	+176	+26	128	86	+229	+0,33	+0,09	-0,06	+40	+16	+5	+151	-12	+25	70	+433	102	103	108	102	102	102	106	81	98	100	101								
Tot	NL 751487219	Koepon Geronimo		Kingboy	Altaembassy	Gint	77	+175	+22	53	86	+1539	-0,24	-0,24	+0,03	+40	+29	+73	+225	+49	-7	68	+400	104	103	108	101	104	101	103	81	100	103	105								
Sem	CA 108559578	Delarberge Loptimum Et		Shotglass	Planet	Nat	88	+175	+15	152	94	+1635	-0,34	-0,27	+0,09	+34	+29	+84	+216	+18	-26	78	+478	105	103	105	104	105	93	100	92	102	107	107								
WWS	US 72436679	Edg Esther Estate 8132		Mogul	Bookem	Nat	79	+175	+31	80	86	+845	-0,13	-0,02	+0,08	+23	+27	+46	+173	+4	+0	71	+410	104	103	103	96	106	104	101	80	98	102	113								
Alt	US 69916619	Miller-Ff Altaelliot		Bookem	Shottle	Nat	90	+175	+5	230	96	+543	+0,01	-0,06	-0,10	+24	+13	+15	+108	+11	-13	82	+312	109	106	106	102	102	92	103	90	98	102	106								
Alt	US 70344827	Synergy Altapilsner		Jives	Planet	Nat	96	+174	+2	946	99	+417	+0,34	+0,25	+0,04	+49	+38	+23	+266	-1	+12	94	+412	104	101	106	101	95	93	103	93	104	102	97								
GGI	NL 940147494	Molenkamp Bolt	RF	Bookem	Spencer	Gna	95	+174	-10	524	98	+691	-0,10	+0,11	-0,04	+20	+35	+28	+194	-8	+8	89	+199	106	104	106	99	109	97	100	97	98	101	106								
CRV	NL 925887513	Bouw Rocky		Shamrock	Goli	Gna	98	+174	-1	10898	99	+169	+0,14	+0,08	-0,01	+20	+13	+7	+97	+4	-51	95	+822	107	101	107	100	101	99	103	99	102	106	106								
CRV	NL 669713332	Slob Advisor		Atlantic	Mogul	Gna	86	+174	+27	305	91	+325	-0,20	-0,09	+0,02	-5	+3	+17	+7	-2	-2	77	+399	109	102	107	102	102	102	110	94	98	102	109								
GGI	DE 0357640595	Bagno	RF	Balisto	Epic	Gna	80	+172	+19	43	88	+950	-0,12	+0,03	+0,06	+29	+36	+49	+223	+17	+13	71	+576	102	103	102	104	104	100	102	84	96	99	108								
WWS	US 71667860	Matt-Dari Mogul Payton		Mogul	Man-O-Man	Nat	2n	+172	+15	70	88	+473	-0,05	+0,01	+0,11	+15	+17	+32	+111	+5	+22	73	+361	108	105	103	102	108	102	101	81	100	100	109								
Alt	NL 762038996	Holec Altabarista		Balisto	Man-O-Man	Nat	79	+171	-6	75	87	+1132	+0,10	+0,24	+0,04	+58	+63	+56	+397	+5	+16	71	+278	104	95	101	102	100	101	99	79	98	100	104								
AWE	DE 0666493155	Come On		Commander	Lexor	Gint	79	+171	+39	42	84	+807	+0,51	+0,14	+0,06	+83	+42	+43	+359	+62	-25	66	+170	100	103	103	103	105	105	101	81	103	103	104								
Alt	US 74599862	Endco The Answer-Po	PO	Montross	Earnhardt P	Nat	69	+171	+23	24	77	+2042	-0,31	-0,18	+0,03	+53	+52	+97	+354	+9	+3	62	+376	100	98	105	102	103	106	102	75	104	103	104								
CRV	NL 546055236	Weelder Solution		Goliath	Laudan	Gna	93	+171	+2	264	97	+1363	-0,36	-0,10	+0,12	+21	+37	+75	+218	+5	+25	88	+79	102	102	105	106	97	98	105	94	98	98	105								
ABS	US 71181872	Sandy-Valley Dreamweaver		Supersire	Altameteor	Int	86	+171	+23	32	92	+1279	-0,52	-0,22	+0,00	+2	+22	+58	+112	+24	-11	78	+522	107	106	106	100	106	99	98	88	99	103	111								
K&L	DK 04141202640	Vh Tirsvad Sundance Stu		Sundance	Bookem	Gint	80	+170	-1	25	87	+2045	-0,39	-0,21	+0,05	+44	+48	+99	+319	+18	+20	71	+538	104	97	102	97	99	102	98	86	99	98	106								
WWS	US 3123886035	S-S-I Montross Jedi		Montross	Supersire	Nat	88	+170	-4	257	93	+1954	-0,58	-0,08	+0,15	+20	+59	+105	+315	-16	+2	76	+438	107	102	104	101	110	98	95	93	99	102	109								
ABS	US 71813276	De-Su 11690 Fantasmic		Galaxy	Bookem	Nat	82	+170	+13	98	90	+1215	-0,01	-0,01	+0,01	+51	+41	+56	+292	-10	+17	73	+426	107	98	102	103	107	96	98	80	97	102	106								
Mas	US 3011584418	Starhawk		Supersire	Observer	Gna	2n	+169	+20	160	94	+1396	-0,10	-0,13	-0,10	+49	+35	+54	+263	+16	-24	78	+360	107	102	103	95	108	94	99	87	105	106	104								
Alt	US 70625861	De-Su Altajohnson	CV	Snowman	Massey	Nat	94	+169	+5	591	98	+2428	-0,64	-0,40	+0,01	+31	+39	+112	+259	+13	-10	88	+530	112	97	99	100	101	98	98	91	101	103	105								
ABS	US 71813557	De-Su 11971 Justice		Platinum	Numero Uno	Nat	78	+169	-1	48	85	+863	+0,05	-0,01	-0,02	+41	+29	+37	+216	-28	-3	69	+674	104	102	98	96	107	97	102	75	98	100	102								
Sem	US 74414205	Westcoast Kerrigan		Kingboy	Numero Uno	Nat	77	+168	-18	54	85	+1481	-0,12	-0,06	+0,00	+50	+45	+68	+310	-35	+7	68	+419	104	98	103	93	101	102	99	84	100	101	112								
WWS	US 3008328663	S-S-I Robust Biggio		Roylane Socra	Planet	Nat	87	+168	-12	448	92	+1142	+0,05	+0,01	+0,08	+53	+41	+60	+297	-37	+30	80	+437	103	96	103	97	107	104	105	89	103	101	102								
WWS	US 70412495	Jenny-Lou Mcutchen Crank It		Mccutchen	Altaiota	Nat	83	+168	+16	117	89	+1198	-0,02	-0,07	+0,11	+49	+35	+66	+266	+28	+64	73	+330	108	98	105	101	108	99	100	85	102	105	109								
Alt	US 3126779955	Peak Altapainter		Davinci	Numero Uno	Nat	82	+168	-7	300	89	+702	+0,08	+0,04	+0,03	+37	+28	+35	+203	+1	+16	72	+595	100	103	106	100	104	105	102	84	100	101	110								
Sam	NL 740466834	Big Malki		Maik	Jorryn	Gna	98	+168	+12	6045	99	+825	-0,12	-0,08	-0,17	+23	+21	+21	+141	-10	-19	97	+509	105	97	100	100	93	89	108	99	99	105	107								
ABS	US 3128557283	Ihg Abs Jericho Et		Josuper	Mogul	Nat	79	+167	-9	118	86	+912	+0,23	+0,06	+0,00	+61	+38	+42	+297	-41	-27	68	+318	102	101																	

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	KgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Gab	KA	MS	Kgh	Bt	F	T	U	
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	D	S	U
Melkdoel Zwart										pnt	Productie										€	€	Functioneel										Exterieur		
WWS	US 74564764	Plain-Knoll King Royal		Kingboy	Mogul	Nat	80	+160	+7	119	86	+754	+0,24	+0,07	-0,04	+55	+33	+31	+260	-16	-15	69	+522	100	101	107	94	99	103	99	88	99	103	109	
Sam	DE 0538281293	Cogent Bill		Balisto	Epic	Nat	82	+160	+7	121	89	-400	+0,81	+0,44	+0,05	+51	+23	-14	+197	-5	-58	74	+581	107	102	103	107	101	98	101	90	100	103	107	
Alt	US 69829747	Lone-Oak-Acres Altaroble		Mogul	Observer	Nat	90	+160	-5	278	96	+741	-0,19	-0,15	+0,17	+13	+11	+50	+87	-21	+22	82	+409	101	106	102	100	105	106	100	87	101	103	115	
CRV	NL 675268482	Delta Wisent	RF	Whatsapp Rf	Atlantic	Gna	87	+160	+22	674	92	+449	-0,53	-0,03	+0,01	-30	+13	+21	-3	-22	-26	78	+532	107	106	106	97	105	101	108	97	101	102	108	
GGI	NL 709809726	Topspeed Go Now	RF	G-Force	Ralstorm	Gna	84	+159	+22	51	91	+1352	-0,06	+0,13	-0,06	+51	+60	+56	+370	+18	+17	76	+330	102	97	99	99	102	99	99	87	102	100	101	
Kam	NL 612994942	Het Meer Bali		Balisto	Atwood	Gna	84	+159	-5	113	91	+259	+0,88	+0,30	-0,02	+91	+36	+10	+342	+6	+11	75	+419	102	98	94	97	104	100	98	87	96	95	109	
Alt	FR 7261003981	Eba Altajethro		Tango	Mogul	Int	77	+159	+9	36	90	+1031	-0,08	-0,11	+0,00	+36	+25	+47	+192	+16	+8	72	+187	103	105	103	100	103	100	102	72	99	101	105	
Sem	CA 107931158	Silverridge V Envious		Mccutchen	Snowman	Nat 2n	88	+159	+13	279	94	+819	+0,04	-0,11	+0,10	+39	+18	+47	+170	+20	-21	80	+367	106	101	99	98	99	98	105	91	100	103	109	
K&L	FR 5632667935	Jetset		Doorman	Ermes	Gna	92	+159	+12	1349	95	+285	+0,05	+0,15	+0,04	+17	+24	+17	+139	+15	-15	83	+600	109	98	101	101	106	95	104	99	103	105	113	
Mas	DE 0357400200	Bonando		Boss	Beacon	Gint	79	+158	-7	47	87	+1512	-0,11	-0,10	+0,02	+53	+42	+71	+305	-38	+9	69	+284	100	101	101	94	104	100	99	82	98	97	103	
Mas	DE 0357640608	Baldur		Balisto	Epic	Gint	85	+158	+20	50	88	+1156	-0,13	-0,05	-0,01	+36	+35	+52	+235	-8	-21	72	+493	102	101	100	100	100	102	99	84	98	101	107	
GGI	DK 03372306253	Chevalier		Chevrolet	Snowman	Gna	85	+158	-12	77	92	+1307	-0,09	-0,22	+0,01	+46	+23	+61	+209	-42	+17	75	+354	106	102	107	99	102	99	96	89	101	104	102	
Alt	US 72395545	T-Spruce Altajake		Welcome Supe	Observer	Nat 2n	85	+158	-13	112	91	+1690	-0,41	-0,27	+0,02	+28	+30	+79	+206	+6	+25	72	+309	105	104	103	100	103	103	98	77	99	99	108	
Gex	US 73124156	Maplehurst Stoic Wilder		Spruce-Haven	Mogul	Nat	75	+157	+7	85	82	+517	+0,26	+0,14	+0,01	+46	+31	+25	+231	+3	+42	64	+440	99	99	99	103	102	100		81	94	98	110	
WWS	US 70801841	Coyne-Farms Srock Mack		Shamrock	Jet Stream-Et	Nat	84	+157	-7	63	91	+1094	+0,00	-0,18	+0,00	+46	+20	+50	+194	+2	-25	78	+499	100	103	100	99	106	104	103	86	103	103	106	
AWE	DE 0538538554	Brentano		Balisto	Sudan	Gna	93	+157	-5	1516	96	+193	+0,18	+0,08	+0,15	+24	+14	+22	+114	-31	-7	85	+685	104	102	102	104	103	111	104	99	102	106	109	
CRV	US 3126822845	Peak Amplify		De-Su Skyline	Mogul	Gna	82	+156	+12	70	88	+733	+0,17	+0,08	+0,09	+47	+33	+42	+247	+5	+22	68	+348	91	102	104	105	100	104	108	87	95	102	112	
Sem	CA 12302901	Progenesis Outlast		Doorsopen	Altaoak	Nat	72	+156	+21	35	80	+686	+0,15	-0,04	-0,01	+43	+20	+30	+181	-24	-17	64	+393	108	100	104	98	101	96	99	81	101	103	112	
WWS	US 72754131	Pen-Col Marty		Supersire	Bookem	Nat	74	+155	+19	25	80	+1341	-0,11	-0,02	+0,02	+46	+45	+63	+300	-1	-63	67	+197	104	101	106	97	111	97		78	107	105	105	
Alt	US 69473966	De-Su Altamelhor		Shot Al	O Man	Nat	92	+155	-13	419	96	+922	+0,00	+0,04	+0,02	+39	+36	+44	+243	-11	-25	86	+398	104	102	91	102	101	99	104	92	103	103	105	
GGI	NL 919137781	Vendairy Lesson		Let It Snow	Bookem	Gna	83	+155	+15	58	91	+1395	-0,18	-0,16	+0,05	+41	+32	+69	+238	-10	-22	73	+531	105	98	99	96	105	100	97	86	103	104	110	
Tot	DE 0356477983	Davos		Daddy	Badger-Bluff Ft	Gna	80	+155	+13	48	89	+1386	-0,34	-0,21	+0,02	+24	+27	+65	+181	+15	-20	70	+269	104	102	107	97	100	104	104	83	105	105	108	
Sem	CA 12130526	Westcoast Pledge		Pulsar	Ladys-Manor M	Nat	71	+155	+17	23	77	+737	+0,14	-0,08	+0,07	+45	+18	+40	+180	+66	+8	62	+262	101	105	103	102	103	101	101	77	96	100	113	
CRV	NL 751089743	Koepon Clover		Icane	Shotglass	Gna Gn	79	+155	-36	185	87	+493	+0,04	-0,02	+0,07	+25	+15	+29	+123	-79	+7	68	+500	104	102	105	103	104	101	100	85	100	103	107	
GGI	DE 0666050471	Big Point		Bookem	Man-O-Man	Gna	89	+154	+3	200	95	+1692	-0,56	-0,12	+0,09	+13	+46	+87	+242	+23	+22	81	+486	101	99	101	96	101	100	100	91	94	103	109	
Sem	CA 107870104	Comestar Lineman		Mogul	Man-O-Man	Nat 2n	86	+154	+13	90	91	+656	+0,15	+0,00	+0,14	+42	+23	+43	+195	+9	+22	75	+354	104	98	105	98	102	101	99	86	97	102	119	
Ves	NL 884054393	Holbra Inseme Rodanas		Doorman	Snowman	Int	74	+154	+20	16	88	+495	+0,32	+0,02	-0,01	+51	+19	+22	+192	+17	-43	61	+443	109	99	99	97	102	93	99	71	100	102	111	
CRV	NL 538041241	Delta Antidote		Augustus	Shottle	Gna	94	+154	-12	915	97	+384	+0,21	+0,04	+0,15	+36	+10	+31	+126	-17	+45	88	+106	103	104	99	93	97	105	109	98	100	101	105	
GGI	DK 03372306314	Beat		Boss	Snowman	Gint	81	+153	+0	32	89	+1212	-0,09	+0,08	+0,01	+42	+50	+56	+310	+11	-34	72	+175	105	98	104	95	99	95	97	86	103	102	105	
Tot	NL 865148639	Hul-Stein Champ		Platinum	Shamrock	Nat	85	+153	+16	195	92	+1273	+0,01	-0,05	-0,07	+55	+39	+51	+291	+22	+37	75	+585	101	99	98	105	106	98	99	81	97	99	104	
Tot	DE 0355203353	Bis Boss		Bookem	Man-O-Man	Gna	96	+153	-3	1753	98	+793	+0,05	+0,11	+0,00	+38	+36	+24	+246	-10	-12	90	+176	101	102	104	97	100	97	101	99	99	102	103	
Gex	US 73685315	Richmond-Fd Troy Bub		Troy	Lithium	Gint	78	+153	-13	57	84	+2	+0,09	+0,06	+0,06	+8	+5	+5	+39	-64	+23	64	+677	105	106	105	101	102	104	101	83	98	102	107	
Mas	NL 537453128	Heidenskipster Beart		Beacon	Goldwyn	Gna	93	+153	-5	1002	97	+719	-0,40	-0,17	+0,07	-8	+9	+40	+32	+2	+30	85	+475	101	105	105	103	100	104	102	95	99	97	109	
WWS	US 3125201993	S-S-I Montross Duke		Montross	Supersire	Nat	83	+152	-13	176	87	+2161	+0,02	-0,10	-0,05	+94	+64	+93	+488	-1	-14	70	+294	102	96	95	95	105	100	95	88	103	104	106	
GGI	DE 0770248602	Mission P	RF PO	Missouri	Asterix P	Gint	80	+152	-5	93	88	+1187	-0,17	+0,06	+0,06	+33	+47	+60	+280	+24	+36	69	+231	99	102	105	99	100	96	104	88	102	101	104	
Bov	CA 107684488	Lactomont Launch Mogul		Mogul	Man-O-Man	Nat	82	+152	+8	76	90	+1318	-0,13	-0,11	+0,19	+43	+35	+80	+258	-5	+27	74	+354	99	101	103	99	102	103	98	82	98	101	109	
Gex	US 71079044	Sully Hart Denim Mahuva		Denim	Planet	Nat																													

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

Perspublicatie stierindexen Zwartbont

Augusti

Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	T	U
Melkdoel Zwart										Productie										€		Functioneel										Exterieur		
WWS	US 3124584893	S-S-I Modern Miller-P	PO	S-S-I Earhnart	Supersire	Nat	79	+146	+6	179	87	+1785	-0,30	-0,15	+0,08	+44	+46	+90	+308	+0	-8	70	+382	105	97	105	94	109	90	98	87	99	104	106
Tot	DE 0356563083	Garant		Galaxy	Snowman	Gna	82	+146	-8	51	89	+1791	-0,13	-0,24	-0,05	+62	+37	+77	+305	-33	+2	71	+283	103	94	104	103	107	103	99	83	100	104	107
Tot	BE 612596500	Dukefarm Sillian		Silver	Meridian	Gint	76	+146	-17	25	84	+870	+0,20	-0,06	+0,16	+56	+24	+55	+233	+4	-8	68	+191	99	100	106	98	101	106	101	82	100	102	109
CRV	US 3128769111	Peak Chuck		Supershot	Ransom	Gna	89	+146	-22	1813	93	+687	-0,19	-0,01	+0,15	+11	+23	+46	+131	-22	-16	81	+431	100	105	106	103	108	98	105	99	104	106	108
Dek	FR 4242195688	Jobart		Mccutchen	Snowman	Gint	78	+145	+15	32	86	+937	+0,08	-0,13	+0,14	+48	+20	+56	+200	+51	-19	70	+275	107	95	103	100	105	103	99	85	100	103	114
CRV	NL 749656085	Delta Lion P	RF PO	Kanu P	Emerald	Gna	79	+145	-3	24	87	+2009	-1,02	-0,35	+0,06	-26	+32	+98	+106	+5	+10	71	+721	104	102	100	103	101	103	99	85	99	102	112
Alt	US 3010086728	Kp-Ack Altasousa		Midnight	Altameteor	Int	77	+145	+0	44	89	+907	-0,36	-0,19	+0,00	+3	+13	+41	+72	+13	+25	67	+591	103	106	106	105	103	105		65	95	98	108
CRV	NL 498938423	Delta Atlantic		Ramos	O Man	Gna	99	+145	+4	64905	99	-99	-0,04	+0,15	-0,14	-8	+10	-17	+19	+0	-34	99	+205	108	105	108	101	102	97	108	99	103	103	101
Tot	US 72596689	Farnear B-Bob Master		Roylane Booke	Número Uno	Nat	63	+144	+97	33	75	+1668	-0,08	-0,10	+0,01	+62	+48	+77	+350	+186	+1	51	+65	96	102	105	102		101	65	102	101	106	
Kam	NL 718453998	Heuvel Nouri		Malki	Paramount	Gna Gn	81	+144	+59	86	89	+1251	-0,04	-0,05	-0,01	+49	+38	+56	+276	+121	-1	73	+224	101	97	101	94	98	95	102	84	100	105	103
Alt	US 71864244	Synergy Altaparquet		Número Uno	Planet	Nat 2n	87	+144	+5	165	94	+1298	-0,05	-0,17	+0,09	+50	+28	+68	+240	-6	-18	79	+542	101	103	100	98	98	100	99	83	104	103	105
Sam	NL 866039170	Vvh Bookmaker		Bookem	Maik	Nat	81	+144	+1	143	89	+1658	-0,40	-0,20	-0,02	+28	+37	+74	+233	-39	-15	74	+525	105	97	99	96	101	93	100	82	103	104	101
GGI	DE 0537611409	Guard		Guarini	Leif	Gna 2n	92	+144	-9	218	97	+172	+0,26	+0,34	+0,00	+31	+37	+8	+219	-7	+58	84	+26	100	103	102	97	95	97	102	94	96	97	103
Tot	DE 0121740596	Pg Sv Tracer		Tribune	Headliner	Gint	74	+144	+6	37	83	+1473	-0,41	-0,15	+0,01	+20	+36	+68	+210	+11	-6	63	+490	100	102	102	98	102	104	103	77	99	102	107
CRV	DK 02371402716	Tirsvad Gala		Bube	Levi	Gna	89	+144	+10	381	94	+1387	-0,39	-0,16	-0,06	+19	+32	+57	+188	+8	+56	79	+266	100	102	102	103	103	102	103	94	91	94	96
ABS	US 70346495	Even-Par Shf Cannon-Et		Roylane Socra	Alexander	Nat	89	+144	-18	635	95	+1434	-0,52	-0,25	+0,14	+7	+24	+80	+137	-30	+37	81	+579	103	99	101	95	101	101	105	90	103	101	106
ABS	US 58591946	Larcrest Caballero		Mogul	Observer	Nat	81	+144	+14	64	84	+98	+0,43	+0,05	-0,03	+43	+8	+2	+124	+32	+19	78	+352	105	104	105	101	106	103	101	70	97	101	109
STG	US 72128280	Mr Shot Dozer 1491		Shotglass	Roylane Socra	Nat	82	+144	+2	66	89	+1131	-0,36	-0,20	+0,08	+12	+19	+60	+111	-20	+17	73	+463	107	103	103	102	101	96	99	86	101	103	102
Sem	CA 107281711	Val-Bisson Doorman		Bookem	Shottle	Nat	95	+144	+13	749	98	+157	+0,17	+0,12	+0,01	+22	+16	+8	+114	+2	-38	91	+438	109	103	103	99	104	92	98	99	101	101	112
Sam	NL 661903733	Farmers Wish Exloer Caruso		Malki	Ramos	Nat	80	+144	-12	125	87	-210	+0,16	+0,07	-0,09	+5	-1	-17	+1	-14	-4	73	+730	106	101	106	98	96	93	107	79	97	102	106
CRV	US 3013023061	Edg Clown		Mogul	Lavaman	Gint	80	+143	-1	30	86	+245	+0,48	+0,13	+0,09	+54	-20	+19	+201	-9	+37	69	+458	98	102	100	105	98	103	100	85	91	100	106
CRV	US 3014466165	Peak Jerod Abel		Jerod	Mogul	Gna	90	+143	+46	472	94	-545	+0,75	+0,28	-0,03	+39	+4	-27	+90	+22	-11	79	+284	106	105	101	101	103	94	104	97	100	103	104
WWS	US 3009533223	Mr Ocd Epic Dragonheart		Epic	Planet	Int	83	+142	+5	53	89	+2108	-0,52	-0,40	+0,00	+32	+30	+96	+219	+9	+26	77	+459	102	101	97	103	100	104		84	102	101	109
Sem	US 3129016082	Stantons Adagio-P	PO	Powerball P	Mccutchen	Nat	80	+142	-11	166	87	+1050	-0,10	-0,06	+0,03	+35	+31	+51	+216	-49	-36	70	+255	105	96	104	94	97	101	106	89	103	106	108
Sam	NL 656232057	Cogent De Crob Moat		Kingboy	Mogul	Nat	72	+142	-59	39	80	+1133	-0,24	-0,16	-0,03	+24	+23	+49	+159	-174	-6	66	+287	103	102	106	98	100	98	101	80	100	102	111
Tot	US 70354883	Farnear-Tbr-Bh Cashmoney	CD	Observer	Goldwyn	Nat	76	+142	-4	21	84	+491	-0,27	-0,09	+0,03	-4	+9	+25	+36	+4	-8	71	+378	107	107	103	108	100	100	103	79	99	102	107
Mas	NL 931432709	Bwn Danno Chief		Danno	Epic	Gna	89	+142	+0	372	94	-134	+0,19	+0,03	+0,02	+11	-2	-4	+14	-40	-33	80	+301	109	101	104	101	101	98	107	94	102	103	109
Alt	US 3126779961	Peak Altamoreno		Co-Op Upd Hui	Mogul	Nat	84	+141	+34	336	89	+2097	-0,15	-0,14	+0,05	+73	+58	+101	+421	+58	+11	73	+193	99	96	103	100	103	92	97	86	102	104	107
WWS	US 70640250	Seagull-Bay Platinum-Ets		Snowman	Planet	Nat	93	+141	+6	322	97	+1446	-0,17	-0,09	+0,03	+44	+41	+69	+281	-4	-20	88	+628	107	96	93	97	103	90	99	94	99	103	101
STG	US 72436822	Edg Ransom Lucent 8275		Ransom	Snowman	Nat	79	+141	-13	113	86	+927	-0,06	+0,01	+0,16	+33	+33	+58	+222	-8	-1	69	+509	104	98	103	104	106	101	100	84	102	104	104
CRV	NL 656149430	Groenibol Bram	RF	Bolt Rf	Stellandol Rf	Gna	89	+141	-17	483	93	+591	-0,01	+0,14	+0,02	+24	+34	+29	+199	-56	-20	80	+326	107	100	103	97	106	97	98	96	103	104	104
Dek	FR 4242382047	Pom Lono		Danno	Cabaret	Gna Gn	78	+141	-18	101	85	+445	-0,01	+0,10	-0,04	+18	+25	+17	+145	+0	-54	69	+155	104	105	107	96	102	95	100	83	105	105	105
WWS	US 3014334961	S-S-I Maurice F		Mogul	Nat	75	+141	+19		48	85	+238	+0,10	+0,14	+0,08	+19	+21	+18	+131	-3	+41	65	+497	103	104	102	102	106	104	98	81	95	98	109
GGI	IT 97990030448	Suran		Super	Mr Burns	Nat	84	+140	+6	30	87	+1704	-0,39	-0,17	-0,06	+31	+41	+72	+255	+11	+3	75	+440	103	99	98	97	101	100	98	81	99	99	106
CRV	NL 720660029	Delta Saxobeat		Epic	Bolton	Gna 2n	93	+140	+3	312	97	+1162	-0,09	-0,03	+0,03	+40	+37	+56	+253	+7	-55	88	+219	99	98	105	99	104	99	107	94	105	105	105
WWS	CA 106807394	Gen-I-Beq Aikman	RF	Snowman	Altabaxter	Nat	96	+140	-2	1006	99	+649	+0,32	+0,05	-0,07	+58	+27	+23	+239	-2	-11	93	+54	102	103	96	102	101	86	102	99	102	106	105
OBS	DE 0356230573	Modena	CD	Mogul	Digger	Gint	82	+140	-5	24	877																							

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVI melkdoel = 0,4*Inet + 0,08*lvd + 4,7*UGH + 6,3*VRU + 1,8*Uier + 3,6*Beenwerk + 1,8*GEB + 2,7*KGH + 0,23*BVK
NVI dubbeldoel = 0,35*Inet + 0,09*lvd + 5,2*UGH + 5,2*VRU + 5,2*Uier + 6*Beenwerk + 2*GEB + 5,2* VL

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		Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Gab	KA	MS	Kgh	Bt	F	T	U			
		Ai	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	D	S	U	
		Melkdoel Zwart									pnt		Productie										€	€	Functioneel										Exterieur				
GGI	UK	38838030028	Nugget	RF	Número Uno	Destry		Gint		81	+134	+3	27	89	-412	+0,62	+0,11	+0,05	+35	-5	-15	+49	+15	+25	73	+346	106	107	102	101	101	104	104	85	88	95	109		
Sem	CA	11792112	Ginary Dodge		Diamond	Número Uno		Nat		85	+133	+12	174	90	+688	-0,01	-0,14	+0,07	+28	+11	+38	+115	+23	-19	71	+355	109	104	96	97	105	95	99	87	100	103	111		
CRV	NL	882810490	Lowlands Monopoly		Aswin	Mascol		Gna		98	+133	+5	3508	99	-487	+0,12	+0,24	+0,13	-11	+3	-11	-14	+6	+21	97	+554	108	107	107	103	97	108	105	99	99	95	99	100	
Alt	US	74072170	Wesselcrest Altalambeau		Montross	Grafeti		Nat		73	+132	-37	59	82	+2016	-0,55	-0,13	-0,01	+26	+56	+91	+312	-58	-22	63	+238	103	100	101	101	103	103	102	99	71	102	103	105	
WWS	CA	109010945	Progenesis Kal		Kingboy	Mogul		Int		79	+132	-36	35	89	+1357	-0,03	-0,09	-0,01	+54	+38	+61	+288	-16	-11	68	+187	105	99	106	98	104	100	98	80	100	107	108		
WWS	US	69981350	Seagull-Bay Headliner		Roylane Socra	Planet		Nat		85	+132	+5	74	92	+1171	-0,16	-0,05	-0,10	+34	+36	+43	+232	-11	-4	79	+354	96	101	101	98	101	97	103	88	94	103	104		
Bov	US	72436717	Edg Uno Comingo 8170		Número Uno	Snowman		Nat		78	+132	-24	58	86	+1267	-0,13	-0,16	+0,05	+41	+28	+63	+220	-48	+3	70	+405	103	101	101	94	103	98	100	83	103	101	108		
Tot	NL	964580062	Dg Vekis Panther		Balisto	Número Uno		Nat		79	+132	-1	79	87	-262	+0,51	+0,34	+0,09	+33	+20	-4	+150	+19	+50	71	+555	103	103	97	96	103	99	99	79	96	96	103		
Bov	US	3124720331	Seagul-Bay Charismatic		Catalyst	Mogul		Nat		72	+132	+24	31	79	+86	+0,44	-0,08	+0,18	+43	-4	+20	+80	-8	+54	61	+723	101	97	108	104	104	107	103	77	92	100	108		
GGI	DE	0538431063	Basical		Balisto	Epic		Gint		82	+131	+8	40	87	+1026	-0,11	-0,01	+0,03	+33	+35	+50	+228	+19	+33	70	+368	96	102	105	103	101	107	98	82	102	99	105		
Alt	US	3123600817	Farneer Altafounder		Tango	Mogul		Nat		83	+131	-20	364	90	+890	+0,04	-0,02	-0,04	+42	+29	+37	+218	+8	+51	74	+31	98	104	106	100	101	108	99	87	93	94	109		
Alt	US	73953344	Bomaz Altacapo		Altaprimo	Roylane Socra		Nat		72	+131	+12	76	80	+312	+0,23	+0,17	+0,00	+34	+26	+14	+182	-4	-7	61	+236	101	106	102	97	104	103		65	99	101	103		
OBS	DE	0538771582	Trend		Tribune	Mogul		Gint		77	+131	-1	36	84	+1252	-0,44	-0,31	+0,08	+9	+12	+65	+88	+5	-40	64	+485	100	105	101	97	102	105	103	79	102	104	112		
Sam	NL	933340101	Enforcer		Emerald	O Man		Nat		88	+130	-6	151	95	+692	+0,02	-0,04	-0,05	+31	+20	+27	+155	-5	-2	81	+219	103	102	103	103	101	96	105	83	102	102	95		
CRV	BE	412323882	Newhouse Jorben		Vitesse	Epic		Gna		92	+129	+1	1830	95	+250	+0,36	+0,11	+0,03	+43	+19	+14	+172	-20	-55	85	+246	106	99	102	101	97	95	105	99	104	106	112		
Sem	CA	107288785	Gregori One Direction		Epic	Garrett		Nat		82	+129	+17	92	90	+1443	-0,38	-0,34	+0,03	+22	+15	+69	+128	-2	+11	71	+466	104	103	103	98	101	97		75	102	102	109		
Tot	NL	844080017	Buiner Da Silva		Silver	Mayfield		Nat		70	+129	+21	31	78	+81	+0,50	-0,02	+0,01	+48	+1	+5	+106	+58	-21	64	+218	99	105	106	98	100	108	104	75	101	104	110		
Alt	US	71792974	Da-So-Burn Altaburner		Supersire	Dorcy		Nat		88	+129	+25	296	94	-222	+0,53	+0,05	+0,07	+36	-3	-4	+62	+7	+8	79	+592	105	103	100	103	103	95	104	87	97	101	107		
Alt	US	3011611135	Bush-Bros Altastratif-Et		Supersire	Badger-Bluff Fz		Nat		87	+128	+33	170	91	+1631	-0,22	+0,03	+0,01	+46	+60	+76	+365	+51	-11	75	+220	97	99	103	100	101	102	98	85	96	103	101		
WWS	US	72850448	Webb-Vue Spark 2060		Supersire	Gabor		Nat		85	+128	-13	145	90	+2106	-0,56	-0,26	+0,06	+28	+45	+103	+274	-2	+13	72	+348	106	96	108	99	101	92	95	85	88	104	105		
Sem	CA	107931151	Silverridge V Xtreme		Supersire	Snowman		Nat		80	+128	-15	48	87	+1416	-0,34	-0,19	+0,00	+25	+30	+65	+195	-15	+7	72	+380	101	102	99	99	100	99	99	87	103	103	103		
CRV	BE	412534452	Delta Feeling		Malcolm Rf	Trigger		Gna		87	+128	-22	406	92	+1205	-0,16	-0,16	-0,04	+35	+26	+51	+195	+7	+48	78	+192	103	97	104	98	106	104	104	95	94	92	102		
Alt	US	74414026	Ihg Montana		Montross	Número Uno		Nat		78	+128	+1	110	86	+974	+0,07	-0,16	+0,10	+48	+18	+54	+191	-32	-7	69	+413	103	105	101	98	102	106	98	85	104	104	106		
WWS	US	69708745	Hammer-Creek Fred Krunch		Badger-Bluff Fz	Goldwyn		Nat		83	+128	-12	65	89	+1488	-0,38	-0,23	-0,02	+24	+28	+66	+185	+16	-1	74	+478	101	97	101	102	102	106	103	86	97	102	109		
WWS	US	71303599	Le-O-La Mogul Gambler		Mogul	Atwood		Nat		78	+128	+13	23	79	+1027	-0,21	-0,26	+0,06	+23	+10	+53	+105	+2	+22	69	+322	104	100	103	101	103	103	102	86	92	100	112		
Mas	DE	0666761983	Ironboy		Icone	Meridian		Gna	Gn	74	+127	-21	29	83	+497	+0,15	+0,09	+0,05	+35	+26	+27	+188	-35	+4	64	+170	101	103	102	93	100	105	101	79	105	104	112		
ABS	US	3128557697	Abs Jonas		Silver	Tango		Nat		72	+127	+21	38	80	+722	+0,13	-0,10	-0,02	+43	+16	+31	+165	+86	+12	65	+233	99	101	107	99	108	108	102	77	99	101	109		
CRV	NL	929596752	Delta Maximus		Sven	Plan Z		Gna		83	+127	+12	199	90	+248	+0,24	+0,02	+0,08	+32	+10	+19	+114	+19	-13	73	+493	103	103	104	101	98	95	105	91	102	102	97		
CRV	NL	661866289	Delta Heracles		Commander	Wonder		Gna		90	+126	+15	514	94	-30	+0,57	+0,30	-0,02	+49	+25	-3	+205	+50	+3	80	+336	101	96	104	97	108	105	103	96	101	105	102		
Sam	NL	737132388	Vvh Repairman		Maik	Snowman		Nat	2n	94	+126	-2	1045	98	+514	+0,25	+0,02	-0,10	+45	+20	+14	+181	-4	-38	88	+335	103	98	103	100	99	97	104	96	99	105	98		
Tot	UK	3883805065	Willsbro Ss Astonishing		Silver	Epic		Gint		79	+126	-4	70	87	+360	+0,09	-0,01	+0,05	+24	+12	+21	+106	-46	-61	70	+312	103	105	104	100	102	103	102	86	105	104	108		
Sem	CA	106569025	Cangen Pinkman		Super	Altabaxter		Nat		91	+126	+14	377	94	+972	-0,25	-0,30	-0,39	+17	+4	+6	+54	+5	-20	84	+472	103	108	105	102	95	102	104	91	99	100	105		
Sam	NL	609916407	Masterbroeker Braxton		Bookem	Paramount		Nat	n	75	+125	n	55	83	+1416	-0,51	-0,19	+0,06	+8	+30	+71	+161	n	+33	69	+357	103	99	102	97	102	96	98	76	98	100	104		
Sem	US	3013129308	Ladys-Manor Octoberfest		Altaoak	Dorcy		Nat		81	+125	+7	33	83	+1225	-0,17	-0,26	+0,08	+35	+16	+64	+158	-10	-25	78	+394	105	103	105	98	98	97	95	80	100	102	107		
WWS	US	72190820	S-S-I P-K Shgtlss Hotshot		Shotglass	Clear-Echo Nift		Nat		73</																													

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	D	U	
Melkdoel Zwart											pnt	Productie					€					€	Functioneel					Exterieur								
Alt	US 3010356295	Edg Altajango		Tango	Shamrock	Nat		81	+118	-9	164	90	+478	+0,21	+0,01	+0,11	+40	+18	+32	+167	+0	-16	71	+123	102	102	102	98	105	105	104	80	105	104	107	
WWS	CA 11104016	Generations Epic		Super	Altabaxter	Nat		97	+118	+3	1953	99	+1076	-0,32	-0,20	+0,06	+14	+18	+55	+120	+7	-29	95	+503	102	101	101	100	104	103	103	99	104	104	108	
CRV	NL 884284743	Delta Jo		Percher	Persuader	Gna		86	+118	+15	516	91	+274	+0,06	-0,07	-0,01	+17	+16	+12	+105	+13	+36	76	+147	103	105	104	100	103	105	98	95	99	99	101	
ABS	US 3014558963	Wa-Del Abs Butler Et		Montross	Massey	Nat		80	+117	+14	159	85	+1455	-0,48	-0,04	+0,11	+12	+47	+78	+241	+13	-51	69	+330	104	101	101	96	107	105	97	84	101	104	109	
GGI	DE 0536762679	Snowflake		Snowman	Goldwyn	Gna		88	+117	+12	116	94	+1544	-0,33	-0,15	-0,03	+31	+38	+67	+241	+33	+5	81	+157	103	98	99	96	94	97	98	89	99	100	107	
Bov	US 72693301	Mr Donalynn Dark King		Day	Siemers Toys I	Int		74	+117	+44	27	86	+1441	-0,21	-0,23	-0,01	+40	+27	+65	+214	+74	+8	64	+113	106	99	99	93	102	98		81	103	96	106	
Kam	NL 662919298	Beeze Bolistos		Balisto	Maik	Gna		84	+117	+16	202	90	+203	+0,16	+0,34	-0,01	+23	+38	+8	+207	+6	-18	75	+470	105	100	90	100	104	103	95	87	98	102	105	
Mas	DK 4199601209	Mavid		Mascol	Eminenz	Nat		98	+117	+12	6068	99	+7	+0,13	+0,22	+0,05	+12	+20	+5	+109	+5	+85	99	+354	101	101	100	101	102	103	104	99	91	91	96	
Ves	IT 034990462594	Spinal Prince Milito		Prince	O Man	Nat		88	+117	+23	269	92	+682	-0,11	-0,11	+0,08	+18	+13	+39	+103	+30	+10	80	+430	100	104	96	104	105	100	105	87	96	101	96	
GGI	NL 919516500	Barnkamper Epochal		Epic	Planet	Gna	2n	88	+116	+9	106	94	+1471	-0,53	-0,35	+0,15	+8	+15	+83	+103	+15	-29	81	+666	104	95	102	101	103	102	103	91	103	102	108	
CRV	NL 680292023	Visstein K&I Promoter		Platinum	G-Force	Gna		89	+116	-6	414	94	+673	-0,24	-0,07	+0,03	+6	+17	+34	+93	-37	-8	80	+539	105	103	100	102	104	95	95	95	98	100	105	
GGI	DE 0538155657	Percy	RF	Perfect Alko	Snowman	Gna		82	+116	-9	39	90	+257	+0,02	-0,03	-0,11	+13	+6	+2	+53	-29	-52	73	+359	104	103	101	98	102	103	105	86	101	105	102	
Alt	US 58912079	Melarry Altaflex		Altasuplex	Roylane Socra	Int		86	+116	+5	40	92	+446	-0,20	-0,12	+0,00	+0	+4	+20	+22	-6	+8	75	+386	103	108	106	101	104	101	103	84	97	99	103	
ABS	NL 947618485	Barnkamper Villaar		Snowrush	Bookem	Nat		79	+115	+0	71	87	+1805	-0,43	-0,23	+0,09	+31	+38	+92	+249	+6	+5	71	+239	108	98	90	93	103	98	95	76	102	102	109	
ABS	US 3014562044	Sandy Valley Gs Goldrush		Silver	Meridian	Nat		71	+115	+13	38	80	+1172	-0,02	-0,11	+0,12	+48	+30	+66	+244	+25	+12	64	+196	96	98	105	99	100	106		78	98	103	108	
Bov	CA 109227869	Lactomont Lightning		Commander	Sargeant	Int		75	+115	+17	21	88	+1238	-0,18	-0,08	-0,01	+34	+35	+56	+232	+9	+13	58	+336	100	95	98	100	107	105	105	65	100	102	106	
CRV	NL 753113145	Quatro Patrick		Atlantic	Onedin	Gna		98	+115	+7	4049	99	+1055	-0,38	-0,12	-0,16	+7	+25	+32	+127	+9	-1	95	+258	100	102	104	98	93	104	107	99	106	107	107	
Tot	DE 0357640597	Barolo		Balisto	Shamrock	Gna		87	+115	+5	159	93	+544	-0,28	+0,09	+0,04	-3	+27	+29	+113	+14	-4	75	+782	99	103	97	101	102	107	97	88	95	98	112	
Mas	FR 1445852790	Bossanova		Bronco	Shottle	Gna		84	+115	-5	60	91	+840	-0,30	-0,10	+0,02	+7	+20	+40	+109	-8	+0	75	+449	104	102	99	101	104	96	103	82	99	101	103	
Kam	NL 866755771	Sudena Jasper		Envious	Shogun Ps	Gna		79	+115	-22	81	88	+22	+0,41	-0,03	+0,03	+37	+3	+4	+91	-30	-18	70	+383	106	102	97	102	99	97	102	83	94	101	106	
CRV	NL 585920601	Delta Dairyman		Whatsapp Rf	Stellando Rf	Gna	Gn	83	+115	-25	233	89	+46	-0,10	-0,02	+0,01	-7	+0	+3	-14	-81	-22	73	+501	107	104	92	107	107	95	102	90	100	102	108	
Dek	FR 2279421648	Jeiraki		Mccutchen	Altaiota	Gna		84	+114	-24	122	91	+807	+0,17	+0,01	+0,00	+51	+29	+37	+237	-4	-7	74	-56	104	101	105	97	98	99	94	90	102	102	110	
Tot	UK 18100940119	Roebriidge Cookie Monster		Jabir	Supersonic	Nat		70	+114	-15	69	82	+1692	-0,56	-0,22	+0,00	+13	+36	+77	+198	-11	-51	60	+293	104	101	102	98	105	97	98	58	98	102	104	
Tot	NL 879978343	Buiner Mc Kayne		Mccutchen	Colby	Gna		82	+114	-14	45	88	+1348	-0,35	-0,28	-0,01	+22	+18	+61	+138	-9	-22	73	+97	103	102	106	98	103	103	103	84	103	102	106	
WWS	CA 11596146	Stantons Main Event		Mogul	Super	Nat		80	+114	+24	40	87	+402	-0,07	-0,19	+0,07	+11	-4	+25	+14	+24	+8	73	+506	102	106	101	101	104	105	99	84	97	102	111	
CRV	NL 739977109	Vds Metallic		Atlantic	Paramount	Gna		95	+114	-8	1006	98	+300	-0,46	-0,16	-0,02	-29	-4	+12	-74	+0	-2	92	+364	107	108	104	106	103	107	93	98	100	101	105	
Fer	US 72436793	Edg Lillico Mogul 8246		Mogul	Snowman	Nat		77	+113	-3	80	86	-75	+0,32	+0,14	-0,03	+25	+10	-6	+92	-20	+16	75	+354	100	103	102	102	104	103		81	99	103	110	
Alt	US 70541411	Dyccrest Altaskycrest		Altacaliber	Regancrest-Hh	Nat		97	+112	-2	1905	99	+1218	-0,10	-0,17	+0,01	+42	+25	+57	+208	-6	-7	94	+119	102	101	97	102	102	104	104	96	103	105	104	
Alt	NL 767081320	Koepon Altacornell		Supersire	Man-O-Man	Nat		83	+112	-13	105	90	+1043	-0,05	-0,09	+0,00	+39	+27	+48	+207	-36	+37	71	+346	99	101	105	99	107	100	98	74	95	100	105	
Ves	IT 024990369520	D Mason Berico		D Mason	Goldwyn	Nat		83	+112	+16	108	91	+937	-0,13	-0,05	-0,02	+27	+28	+41	+184	+22	-9	74	+301	102	102	101	99	101	97	96	83	99	102	104	
WWS	US 3009554422	S-S-I Tape Overlay		Pine-Tree Briar	Man-O-Man	Nat	2n	76	+112	-19	20	82	+413	+0,06	-0,04	+0,02	+23	+11	+21	+100	-20	+41	76	+389	106	99	102	107	101	103	103	101	77	91	97	108
Sem	CA 11491874	Gillette Speaker		Mogul	Planet	Nat	2n	82	+112	+10	59	88	+1081	-0,45	-0,25	-0,02	+1	+13	+47	+70	-24	+16	74	+476	101	102	105	97	105	105	98	81	95	103	108	
Alt	US 71074469	Bomaz Altaentrust		Roylane Socra	Man-O-Man	Nat		93	+111	+7	582	98	+106	+0,68	+0,18	+0,11	+65	+20	+15	+223	-5	+31	86	+159	98	103	105	99	104	96	98	90	97	100	100	
WWS	US 3127943686	S-S-I 1stclass Flagship		Alta1stclass	Supersire	Nat		79	+111	-7	63	84	+654	+0,15	-0,06	+0,09	+42	+17	+38	+169	-17	+19	67	+256	105	106	108	101	107	101	92	86	97	101	108	
Dek	NL 871458481	Kossinkhoeve Joscha		Massey	Altaiota	Gna		79	+111	-7	43	87	+436	+0,07	-0,07	+0,13	+25	+9	+32	+99	-13	-22	71	+257	103	104	106	104	104	99	100	85	97	104	103	
Tot	NL 925868619	Broeks Modious		Mogul	Toystory	Nat		91	+110	-12	458	96	+1757	-0,30	-0,32	+0,13	+43	+27	+94	+229	-18>-															

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVI melkdoel = 0,4*Inet + 0,08*lvd + 4,7*UGH + 6,3*VRU + 1,8*Uier + 3,6*Beenwerk + 1,8*GEB + 2,7*KGH + 0,23*BVK

NVI dubbeldoel = 0,35*Inet + 0,09*lvd + 5,2*UGH + 5,2*VRU + 5,2*Uier + 6*Beenwerk + 2*GEB + 5,2* VL

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U			
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	D	U			
Melkdoel Zwart										pnt	Productie										€	€	Functioneel										Exterieur					
AWE	US 69990227	De-Su Ransom		Roylane Socra	Ramos	Nat		90	+105	-7	772	95	-111	+0.20	+0.08	+0.06	+13	+3	+0	+40	+9	-25	81	+620	100	104	105	107	107	103	104	94	104	105	100			
Tot	DK 03372306015	Andersstrup Heavey		Massey	Snowman	Gna		87	+104	-10	161	94	+1177	-0.14	-0.15	+0.00	+36	+26	+54	+198	-14	+1	78	+310	106	97	102	99	104	99	97	88	103	105	105			
Sem	CA 11761809	Silverridge V Elude		Mccutchen	Snowman	Nat		89	+104	-14	346	95	+1383	-0.28	-0.27	+0.07	+30	+21	+70	+170	-20	+1	81	+125	99	99	103	104	102	104	105	92	98	101	108			
CRV	NL 727555328	Batenburg G. Stellando	RF	Fidelity	O Man	Gna		98	+104	+2	40106	99	+332	+0.13	+0.14	-0.08	+26	+24	+8	+155	+0	+15	99	-44	95	105	104	102	105	104	100	99	99	100	95			
Tot	NL 760058149	Koning Shearman		Supersire	Super	Nat		75	+104	-4	50	85	+125	-0.23	-0.08	+0.11	-15	-3	+16	-39	-16	+18	66	+314	107	108	105	102	105	100	100	68	98	99	109			
GGI	DE 0356650078	Fergus		Fanatic	Snowman	Gint		80	+103	+9	29	87	+2280	-0.33	-0.28	-0.01	+60	+48	+103	+354	-4	+42	80	+143	97	93	101	103	101	103	100	82	100	101	104			
Sem	US 142289925	Leaderwin Muscadet		Mogul	Jeeves	Nat	2n	82	+103	-14	274	91	+415	-0.02	+0.00	-0.04	+16	+14	+15	+96	-23	+8	74	+275	100	105	104	102	107	109	89	101	101	111				
Alt	NL 522740642	Mars Altafixman		Fibrax	O Man	Int		81	+102	+9	40	90	+751	+0.15	+0.17	+0.00	+46	+42	+34	+279	+28	-2	78	+121	98	100	99	105	101	104	100	68	104	100	102			
Mas	US 142286285	Astonishing		Mountfield Msy	Bookem	Gint		77	+102	+11	32	87	+675	+0.18	+0.06	+0.05	+46	+29	+36	+226	+1	+50	67	+310	104	94	102	103	101	96	98	79	89	95	104			
CRV	NL 894608124	Willem's-Hoeve R Browning		Snowman	Ramos	Gna		96	+102	-18	4456	98	+1225	-0.19	-0.22	+0.04	+33	+20	+60	+169	-6	-10	92	+51	105	97	103	99	101	98	103	99	106	105	108			
ABS	US 71592921	Ladys-Manor Graf La-Bron		Grafeeti	Super	Int		86	+102	-41	37	92	+805	+0.11	-0.15	-0.01	+45	+14	+36	+163	-103	+18	77	+279	102	101	102	93	101	105	100	86	100	100	103			
Bov	US 72518591	Mr Donalynn Millennium		Mccutchen	Siemers Toys	Nat	2n	86	+101	+5	249	93	+1922	-0.47	-0.37	+0.06	+31	+27	+94	+204	-15	-6	77	-43	103	97	102	90	105	98	100	89	100	100	112			
Sem	US 71302825	Mr Lookout P Enforcer		Facebook	Shottle	Nat		78	+101	-21	21	84	+887	-0.20	-0.02	+0.02	+18	+29	+42	+169	-41	-20	68	+157	97	106	100	101	102	102	79	99	103	107				
K&L	SE 783048825	Vh Mascol Tubbetorp Mando		Mascol	Novalis	Nat		89	+101	+3	130	93	-434	+0.22	+0.10	-0.05	+0	-7	-24	-36	-4	+76	84	+309	105	107	97	106	94	95	104	82	91	88	96			
Sem	BE 111966423	Dukefarm K&L Balthazar		Balisto	Epic	Nat		89	+100	+15	410	94	+148	+0.51	+0.42	+0.06	+52	+43	+12	+289	+14	-19	79	+272	101	95	96	100	101	102	99	94	104	103	106			
Tot	NL 736800220	Dg Albéro Eldorado		Montross	Supersire	Nat		79	+100	-32	163	87	+1234	-0.11	-0.08	+0.01	+41	+35	+57	+247	-65	-7	70	+247	99	101	104	103	108	104	97	85	99	102	106			
Kam	NL 743582931	Eastland Bentley		Balisto	Paramount	Gna		82	+100	-3	135	90	+744	-0.17	+0.04	-0.01	+15	+30	+33	+164	-34	+26	74	+331	104	99	95	97	101	97	96	86	96	99	109			
Kam	NL 924169340	Big Position		Twist	Jorryn	Gna		92	+100	+4	430	97	-608	+0.68	+0.32	-0.06	+30	+5	-33	+74	+0	-31	86	+179	101	104	104	96	105	97	105	92	100	104	101			
Gex	US 71451889	Co-Op Mogul Lawman		Mogul	Man-O-Man	Int	2n	86	+99	-21	24	91	+569	+0.21	+0.10	-0.01	+44	+29	+25	+219	-35	+14	78	+84	98	98	103	102	105	105	98	86	96	102	109			
ABS	US 3014558977	Wa-Del Abs Bourbon		Montross	Massey	Nat		79	+99	+19	105	87	+1432	-0.45	-0.20	+0.04	+14	+29	+70	+169	-9	-15	69	+400	103	99	104	101	103	105	100	86	99	102	105			
Ves	IT 098990131771	Sabbiona Goldfarm		Goldwyn	Storm	Nat		98	+99	+12	2625	99	-74	+0.34	+0.04	-0.11	+27	+1	-13	+57	+4	+16	96	+80	107	99	104	104	101	99	98	99	103	102	109			
Alt	US 3010086674	Kp-Ack Altamurdock		Mogul	Altameteor	Nat	2n	85	+99	+11	89	89	+515	-0.24	-0.27	+0.09	+2	-7	+32	-15	-3	+16	72	+461	105	102	105	99	103	106	100	76	94	101	111			
Tot	CA 11696699	Stantons Capital Gain		Mccutchen	Observer	Nat	2n	88	+98	+20	213	93	+1952	-0.29	-0.39	+0.11	+52	+26	+101	+246	+35	+16	77	+76	103	97	101	98	104	98	100	87	98	100	106			
CRV	NL 543201038	Delta Enigma		Bertil	O Man	Gna		98	+98	+4	3612	99	+650	+0.03	+0.10	+0.00	+30	+32	+30	+203	+2	-39	95	-17	100	103	102	95	101	104	101	99	105	103	99			
Sam	NL 492204847	Broeks Snow Wave		Snowman	Shottle	Nat		93	+98	-1	394	98	+1329	-0.07	-0.17	+0.06	+29	+29	+67	+200	-9	+44	89	+275	100	97	96	98	101	103	103	90	101	99	104			
STG	US 3125201935	Edg Defend Breaker 18191-Et	RF	Defender	Supersire	Int		74	+98	+32	21	88	+819	-0.01	-0.03	+0.00	+34	+26	+37	+189	+19	+13	61	+248	103	98	103	98	105	107	96	72	99	101	110			
Gex	US 69774730	Minnigan-Hills Day		Super	Bolton	Nat		81	+98	+9	32	87	+1339	-0.33	-0.23	+0.00	+23	+23	+61	+161	+17	+28	75	+273	104	97	102	96	97	99	102	83	95	96	106			
Adv	NL 872917712	Barnkamper Marilyn Oklahoma Et		Altaoak	Bookem	Gna		82	+98	+4	59	90	+788	-0.08	-0.09	+0.06	+26	+19	+42	+145	+14	-17	73	+199	107	101	100	95	102	98	93	86	102	103	110			
Tot	UK 38838050056	Willsbro Cj Astro	CD	Jabir	Mogul	Gna		75	+98	+1	32	85	+304	+0.22	+0.00	+0.07	+33	+11	+20	+120	-4	-1	65	+302	96	104	102	100	104	106	100	80	92	102	107			
Mas	DK 4181503004	Bookmark	RF	Bookem	Destry	Gna		85	+98	+12	45	92	-128	+0.14	+0.11	+0.16	+7	+5	+8	+3	+7	+33	77	+332	102	105	107	100	102	96	99	88	94	97	107			
CRV	NL 922820786	Lowlands Debark		Danno	Stellando Rf	Gna		88	+98	+14	859	92	+204	-0.38	+0.04	+0.07	-26	+11	+16	-5	+9	-85	80	+138	104	104	110	100	103	97	98	97	99	102	107			
CRV	NL 610971152	Horst Allard	RF	Hunter	Fidelity	Gna		93	+97	-5	214	97	+80	+0.31	+0.43	-0.01	+31	+41	+3	+234	-3	-22	87	-52	97	101	98	95	108	99	99	93	99	103	105	105		
Sem	CA 11538453	Benner Slade		Doorman	Snowman	Nat		84	+97	+20	174	89	+1048	-0.18	-0.09	+0.03	+27	+28	+51	+187	+30	-58	73	+236	106	98	102	98	101	94	99	85	103	105	112			
Kam	NL 762344576	New Moore Integer		Impression	O Man	Gna		82	+97	-11	91	90	+1584	-0.44	-0.29	+0.05	+21	+25	+78	+170	-8	+33	73	+356	103	95	105	94	100	96	102	86	101	104	106			
ABS	US 142659407	Matcrest Griller		Supersire	Gold Chip	Nat		84	+97	-5	171	92	+745	-0.12	+0.00	-0.07	+20	+26	+27	+157	-20	-28	74	+355	100	101	103	97	105	102								

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

Perspublicatie stierindexen Zwartbont

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	KgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	D	U	
Melkdoel Zwart										pnt	Productie					€					€	Functioneel										Exterieur			
OBS	DE 0357565192	Alban		Album	Beau	Gint	77	+88	+22	21	84	+751	-0,17	+0,01	+0,11	+16	+27	+45	+158	+33	-39	65	+70	104	103	104	103	102	101	99	80	104	104	106	
Mas	NL 737800276	Benwood P		Balisto	Epic	Gint	80	+88	+9	32	85	+532	-0,03	+0,04	+0,08	+20	+22	+32	+142	-9	-5	69	+404	100	98	104	101	105	105	100	82	99	100	107	
CRV	NL 656819588	Newhouse Vally	RF CD	Sundance	G-Force	Gna	79	+88	-22	19	87	-130	+0,35	+0,28	-0,02	+25	+20	-8	+132	-13	-28	71	+303	101	101	101	98	101	99	101	85	95	101	97	
GGI	DE 1501528418	Bolanos		Banesto	Leko	Gint	75	+88	-9	27	84	+1183	-0,55	-0,18	-0,01	-5	+23	+53	+100	+10	-4	69	+367	102	99	104	98	104	98	98	78	103	102	102	
GGI	NL 867560215	Rieten Eragon		Epic	Bogart	Gint	80	+88	+14	28	88	+1044	-0,36	-0,29	+0,06	+9	+8	+54	+68	-2	-45	73	+344	102	104	100	100	99	102	104	83	101	103	107	
Tot	NL 874602904	Dg Myrachip		Gold Chip	Jet Stream-Et	Nat	72	+88	+7	37	82	+589	-0,03	-0,33	+0,01	+22	-11	+28	+10	+14	+1	64	+238	105	102	103	97	106	106	100	62	97	100	113	
Mas	NL 546483691	Poppe Snow	RF	Snowman	Spencer	Gna	95	+87	+5	1038	98	+1720	-0,29	-0,15	+0,02	+42	+44	+81	+293	-10	+31	90	+60	98	94	102	102	89	104	98	97	102	102	108	
Gex	US 70372014	Sully Hartford Swmn Myth		Snowman	Planet	Int	89	+87	+10	99	93	+2281	-0,77	-0,33	+0,00	+11	+43	+104	+231	+15	+24	81	+209	96	96	103	100	100	103	104	91	99	100	104	
GGI	FR 2934544535	Disanto Et		Doorman	Dempsey	Gint	79	+87	+10	25	85	-274	+0,67	+0,16	-0,01	+46	+4	-13	+109	+15	-70	68	+183	109	99	99	100	101	95	98	82	101	101	115	
AWE	UK 72794240011	Wiltor Cruise		Altaiota	Planet	Nat	76	+87	-4	29	81	+476	-0,08	-0,08	+0,12	+13	+9	+33	+74	-14	-43	75	+127	103	104	100	101	99	99	102	71	100	104	105	
Sem	US 70672880	Chartroise Smurf		Snowman	Planet	Nat	87	+86	-12	177	91	+2198	-0,41	-0,22	+0,00	+48	+52	+100	+344	-4	-8	76	+166	102	89	95	97	98	97	97	88	103	106	108	
Kam	NL 761011307	Poppe Selfie		Silver	Danillo	Gna	Gn	80	+86	+1	81	88	+770	+0,22	+0,01	+0,06	+54	+28	+41	+241	+18	-23	71	-65	98	98	97	96	101	99	99	85	104	105	109
Kam	NL 639677471	T Brook No Claim		Twist	Jorryn	Gna	86	+86	-2	164	92	-26	+0,51	+0,15	+0,02	+44	+12	+1	+142	-17	-7	77	+185	96	100	104	99	105	102	105	89	104	101	98	
Alt	NL 880372082	Southland Altadelcampo		Gold Chip	Man-O-Man	Int	75	+86	+7	21	90	+336	+0,30	-0,03	+0,00	+42	+9	+15	+130	-10	+14	65	+213	106	97	105	100	101	102	99	57	95	99	111	
ABS	US 3124720424	Seagull-Bay Slvr Kimball	RF	Silver	Numero Uno	Nat	78	+86	+30	97	86	+285	+0,31	-0,08	+0,10	+40	+3	+22	+103	+11	-2	69	+270	99	104	102	101	104	107	98	84	98	103	113	
CRV	BE 110963815	Lowlands El Salvador		Stergold	Ramos	Gna	98	+86	+10	2137	99	-673	+0,31	+0,15	+0,09	-3	-11	-23	-58	+5	-27	96	+194	104	109	102	98	100	104	101	99	96	101	104	
Tot	NL 920911677	Willem's-Hoeve W H Baily Chen		Mccutchen	Atwood	Gint	78	+85	+8	21	86	+399	+0,30	-0,07	+0,06	+45	+7	+24	+130	+17	-14	70	+101	100	99	100	97	104	104	100	82	99	103	117	
Sem	CA 11438396	Silverridge Album		Epic	Man-O-Man	Nat	88	+85	+8	181	94	+379	-0,14	+0,02	+0,13	+3	+15	+29	+77	+3	-22	80	+132	105	102	107	104	100	97	102	89	100	103	105	
Sam	NL 840511931	Uenk Mexx	RF	Maik	O Man	Nat	83	+85	-8	109	91	+471	-0,42	-0,21	+0,10	-19	-3	-31	-43	-18	-17	74	+704	107	102	98	101	99	93	99	81	99	102	104	
Sem	CA 11595003	Claynook Deductive		Numero Uno	Planet	Nat	83	+84	-1	46	84	+897	-0,12	-0,14	+0,06	+26	+18	+47	+143	+5	+37	81	+394	100	99	95	100	103	102	102	89	92	99	110	
CRV	NL 474825497	Delta Persuader		Mascol	Dustin	Gna	98	+84	+9	16812	99	+59	-0,26	-0,01	+0,03	-21	+1	+5	-39	+6	+46	99	+212	105	105	103	98	94	96	99	99	99	98	94	
Alt	US 70396874	Bush-Bros Altabgood		Roylane Socra	Massey	Nat	81	+83	-26	53	83	+514	+0,09	+0,05	+0,01	+30	+23	+24	+165	-88	-4	77	+313	99	98	103	98	105	104	99	81	99	100	106	
AWE	DK 02371402372	Bangard		Bookem	Xacobeo	Gna	87	+83	+3	77	92	+874	-0,16	-0,12	-0,01	+22	+19	+39	+136	-11	+8	76	+303	99	98	104	97	106	101	102	86	106	101	106	
Mas	DE 0356342903	Goaway		Gold Chip	Man-O-Man	Gna	85	+83	-23	45	89	+1954	-0,73	-0,53	-0,19	+4	+11	+69	+74	-31	-29	72	+383	101	102	106	104	104	100	99	81	99	102	108	
Xs	DE 0357455239	Lars		Racer	Supersire	Nat	Ng	66	+82	-32	23	75	+907	-0,07	-0,02	-0,04	+32	+30	+38	+202	-3	-17	60	+214	99	96	104	102	107	103	102	70	102	101	111
Bov	US 73635913	Roylane-Kh Tango Reggie		Tango	Epic	Nat	68	+82	+19	55	79	+953	-0,09	-0,08	+0,08	+32	+25	+51	+185	+19	-8	59	+70	101	100	102	96	108	104	72	103	102	110		
Kam	NL 866755670	Kik Emotion		Impression	Jeeves	Gna	84	+81	+3	131	91	+563	-0,07	-0,22	+0,03	+17	-1	+29	+40	+5	+40	75	+570	103	98	101	97	104	99	102	86	97	101	103	
CRV	US 70803531	Appealing H Copernicus		Shema Jeeves	Dolce	Gint	2n	77	+81	-6	19	84	+1298	-0,83	-0,46	+0,06	-29	-1	+65	-46	-18	-4	67	+584	106	105	102	98	107	98	99	79	104	105	106
CRV	NL 520287673	Aurora Jeroen		Bertil	O Man	Gna	98	+80	+9	6322	99	+422	+0,28	+0,20	-0,07	+44	+33	+13	+232	+7	-13	97	-61	104	98	90	101	94	91	100	99	98	105	100	
Sam	NL 947608424	Batenburg Geronimo	RF	Maik	Fidelity	Nat	92	+80	-7	697	96	+1535	-0,31	-0,18	-0,09	+33	+35	+61	+231	-24	+0	84	+269	96	99	93	93	103	103	96	94	100	100	100	
Alt	US 3006559787	No-Fla Altaeverglade		Massey	O Man	Nat	95	+80	+29	2953	98	+206	+0,36	+0,19	+0,05	+41	+24	+14	+189	+31	-26	88	+26	104	101	107	102	101	100	97	97	100	105	96	
WWS	US 71592934	Ladys-Manor Shakespeare		Epic	Shottle	Nat	82	+80	+1	45	85	+757	-0,01	-0,10	-0,03	+31	+17	+32	+144	+12	-25	79	+210	102	99	102	96	100	102	99	81	102	103	110	
Kam	NL 934271679	JK Dg Chiel		Troy	Fanatic	Gna	Gn	75	+80	+0	49	84	-206	+0,17	+0,04	+0,02	+6	-4	-8	-6	-33	+46	65	+536	102	103	100	100	105	105	99	79	99	100	104
Kam	NL 750010007	Batenburg G. Malkov		Malki	Bertil	Gna	87	+79	+9	230	93	+1432	-0,40	-0,18	+0,01	+20	+31	+66	+189	-15	-17	78	+147	100	93	101	97	93	95	104	90	102	104	105	
CRV	BE 612094246	Delta Frodo		Danno	Trigger	Gna	90	+79	+9	396	95	+95	+0,02	+0,05	-0,03	+6	+8	+2	+46	+5	-68	81	+185	103	101	108	97	101	101	100	95	100	104	105	
ABS	UK 90413684312	Lissue Star		Galaxy	Jeeves	Int	80	+79	+14	31	91	+115	-0,13	-0,01	+0,00	-7	+3	+5	-1	+13	-23	70	+324	108	99	101	96	103	101	100	70	98	104	110	
WWS	US 68571374	Mr Apples Armani	RF CD	Goldwyn	Regiment	Nat	89	+79	-4	121	93	-1418	+1,16	+0,35	-0,08	+26	-23	-71																	

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIDubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

Perspublicatie stierindexen Zwartbont

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Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	KgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	T	U	
Melkdoel Zwart										pnt	Productie										€	€	Functioneel										Exterieur		
Alt	NL 970146623	Ramos	BY	Rudolph Jocko	Ambition Celsius	Nat	98	+73	-6	3040	99	-599	+0,05	-0,07	-0,12	-21	-27	-37	-166	+0	-17	99	+501	107	106	107	104	99	100	104	99	91	97	103	
Sam	NL 330874052	Skalsumer Jorryn				Nat	98	+72	-1	6641	99	+738	-0,19	+0,01	-0,10	+13	+27	+24	+145	+0	+62	99	+69	91	102	103	103	107	101	105	99	95	94	95	
WWS US 3012130463																																			
Adv	NL 920744345	De Volmer Jamie Perkins	CD	Platinum	Mogul	Nat	85	+72	-2	129	92	+235	+0,08	-0,01	+0,06	+17	+7	+16	+69	-11	-1	75	+628	107	99	100	98	105	94	96	90	95	101	106	
WWS US 3013654627																																			
CRV	NL 949247382	Flevo Genetics Whatsapp	RF	Supersire	Super	Gna 2n	95	+72	-2	592	98	-1109	+0,36	+0,16	-0,02	-19	-26	-52	-162	-24	-14	88	+485	103	110	104	109	107	102	105	98	93	99	110	
Tot	DE 0354891684	Select		Snowman	Planet	Gna	90	+71	+3	174	96	+504	+0,00	+0,03	+0,05	+21	+20	+28	+135	+7	-6	83	+221	103	99	95	98	99	100	104	90	98	102	101	
Tot	DE 0356687511	Chanel		Chevrolet	Bookem	Gint	79	+71	+7	21	86	+531	-0,26	-0,08	-0,01	-2	+11	+23	+48	-1	-36	73	+323	101	99	105	96	102	101	102	82	98	104	104	
Vek	NL 880207746	Vekis Dvh Preston		Mardi Gras	Maxim	Nat	83	+71	+23	370	89	+93	+0,13	-0,04	+0,19	+16	+0	+21	+40	+17	+26	75	+131	100	104	92	101	104	104	103	90	99	100	109	
K&L	SE 0106527083	Vh Ersmark Sterngold Sprite		Sterngold	Rakuuna	Gna	87	+71	-1	40	90	-197	-0,13	-0,05	+0,09	-20	-11	-1	-87	+3	-20	82	+296	105	105	102	104	101	102	101	85	91	96	106	
Mas	DE 1603294735	Mccoy		Mccutchen	Atwood	Gint	83	+70	+12	36	87	+1523	-0,30	-0,29	-0,04	+33	+23	+65	+183	+15	+15	70	+19	99	98	103	98	101	101	98	82	95	97	115	
K&L	US 71178738	Pine-Tree Ohio Style P	PO	Co-Op O-Style	Signif-P	Nat 2n	80	+70	+10	41	88	+1088	-0,25	-0,28	-0,07	+21	+10	+43	+98	+12	+62	71	+12	100	104	106	105	97	100	99	83	93	93	102	
Adv	NL 947618726	Barnkamper Marilyn Douglas Et		Doorman	Dempsey	Gna	88	+70	-4	282	94	+846	-0,41	-0,09	+0,03	-4	+21	+42	+90	-17	-25	78	+181	103	102	93	95	103	100	98	92	103	103	115	
K&L	DK 04780602573	Vh Onside Osmus		Dansire Officer	Exces	Int	83	+70	-1	27	89	+122	-0,09	+0,05	-0,01	-3	+9	+5	+32	-9	+72	74	+374	101	103	103	106	102	97	82	86	92	100		
CRV	NL 672611861	Lowlands Skylander		Solution	Atlantic	Gna	86	+70	-33	324	92	-374	+0,09	+0,26	+0,07	-8	+9	-11	+17	-25	-43	77	-137	99	105	104	105	99	100	106	94	98	98	103	
Mas	NL 699652964	Bacchus Picanto		Snowman	Regancrest-Hh	Gna	88	+69	-16	120	94	+615	-0,04	-0,06	-0,01	+22	+16	+27	+120	-2	-13	81	+105	104	99	100	103	101	97	99	91	95	100	110	
Alt	US 72013226	Syrzczuk Altabirch		Altaoak	Bookem	Int	77	+69	-9	18	88	+320	+0,04	-0,11	-0,01	+17	+1	+14	+44	-5	-3	65	+137	104	107	98	90		98	92	74	98	102	104	
ABS	IT 019990607544	Go-Farm Zeber		Jeeves	Goldwyn	Nat	89	+69	+11	180	94	+240	+0,05	-0,09	+0,09	+15	+0	+19	+37	+22	+8	83	+146	103	104	98	93	102	102	97	84	100	101	105	
Alt	US 70197812	Brandt-View Altaotis		Observer	Active	Int	85	+69	+19	33	92	+25	-0,16	-0,13	+0,00	+13	-11	+1	-72	+39	+28	67	+50	105	109	104	109	93	98	98	83	93	97	105	
Sam	NL 384379291	Ponstar Shogun		O Man	Jesther	Nat	98	+68	-5	9910	99	+610	-0,26	-0,15	+0,10	+1	+7	+37	+42	+0	-31	99	+548	107	102	98	106	105	97	101	99	104	103	95	
Sem	US 140924073	Brandt-View Police		Gerard	Planet	Int	88	+68	+4	86	93	+295	-0,12	-0,16	-0,01	+2	-4	+13	-8	+12	-34	79	+300	103	104	101	108	99	103	104	87	101	104	108	
Kam	NL 519550898	Heuvel Suarez		O Man	Cello	Gna	98	+68	+4	6008	99	-962	+0,56	+0,34	+0,04	+3	-7	-41	-35	+2	-23	99	+120	99	109	100	107	100	99	107	99	94	101	102	
AWE	US 3011816338	Co-Op Avenger		Supersire	Super	Int	83	+68	-20	30	89	-387	+0,12	-0,09	+0,01	-6	-21	-17	-104	-32	-66	76	+438	106	110	104	101	104	100	85	101	107	107		
CRV	US 141396596	Glen-Tocfin Snow Light		Snowman	Bolton	Gna	81	+67	+26	39	89	+965	-0,15	-0,08	-0,03	+26	+26	+41	+174	+20	+4	72	+243	103	94	97	94	106	95	99	83	98	96	105	
Tot	FR 1445852638	Ellioz Dkr		Windy Knoll Vic	Goldwyn	Nat	74	+67	+9	22	81	+1375	-0,64	-0,27	-0,09	-7	+20	+54	+84	+1	+31	70	+188	105	99	95	102	93	99	97	73	98	96	106	
GGI	UK 91200424063	Key		Super	Buckeye	Gint	85	+67	-4	32	88	+497	-0,13	-0,09	+0,05	+9	+9	+27	+64	+11	-11	73	+18	102	104	102	97	99	102	101	82	98	101	107	
ABS	US 57187010	Larcrest Conquest		Gerard	Ramos	Nat	87	+66	+30	205	90	+929	-0,23	-0,17	+0,07	+17	+16	+49	+116	+59	-72	82	+178	103	100	102	100	92	95	103	91	103	105	110	
Gex	US 69990052	De-Su Freddie Galaxy		Badger-Bluff Fz	Planet	Nat	93	+66	-9	323	97	+656	-0,08	-0,08	+0,02	+20	+15	+32	+113	-22	-28	86	+123	101	98	104	98	106	99	98	94	100	107	107	
GGI	DE 0350451061	Short Cut		Shottle	T Lambada	Nat	90	+66	-7	153	93	+781	-0,23	-0,24	+0,01	+11	+4	+37	+51	-12	-31	83	+242	100	102	104	99	106	100	101	92	105	103	102	
Sem	CA 104854291	Gen-I-Beg Brawler		Altabaxter	Shottle	Nat	98	+66	+8	6801	99	+180	-0,08	+0,02	+0,04	+0	+8	+12	+36	+3	-4	99	+420	100	103	104	96	106	101	96	99	103	102	106	
CRV	NL 968458244	Apina Stig		Stellando Rf	Gofast Cd	Gna	97	+66	+3	2666	99	-296	+0,31	+0,13	-0,13	+14	+1	-25	+26	+6	+5	93	+54	101	104	99	102	102	102	106	99	98	100	95	
Kam	NL 869267774	Big Winnetoe		Windbrook	Jorryn	Gna	94	+66	+2	413	98	-892	+0,78	+0,26	+0,05	+24	-10	-37	-2	-5	-16	89	+22	103	101	106	101	99	91	104	91	99	103	107	
Tot	DK 03001001754	Hood M-O-M Emmet		Man-O-Man	Altabaxter	Gna	97	+66	-12	1817	99	+7	-0,14	+0,04	+0,08	-12	+4	+7	-7	+6	-13	96	+401	100	105	98	103	106	102	103	98	102	99	106	
Sem	CA 108109390	Blondin Integral	RF	Dymentholt S	Shottle	Nat	83	+66	-18	108	91	-384	+0,56	-0,08	+0,04	+31	-20	-14	-21	-26	-43	74	+66	105	104	104	98	95	100	100	86	102	105	111	
Alt	US 57187059	Larcrest Atlasnowcrest		Snowman	Shottle	Nat	82	+65	-2	39	83	+900	-0,05	-0,12	+0,07	+33	+20	+48	+166	-21	-28	81	+133	102	101	101	98	101	98	96	84	102	104	105	
Tot	CA 9608054	Boldi V S G Anton		Epic	Man-O-Man	Nat	79	+65	-12	24	87	+874	-0,31	-0,17	+0,07	+7	+14	+47	+86	-5	-45	73	+312	99	101	102	103	104	106	100	82	101	104	110	
GGI	DE 0664127354	Maserati		Man-O-Man	Windy Knoll Vic	Int	87	+65	-1	87	93	+292	+0,08	-0,03	+0,00	+20	+7	+13	+75	+13	-32	79	+16	104	103	105	103	102	97	93	103	105	105		
K&L	DK 03013602027	Dansire Shottle Sol	BY	Shottle	T Funkis	Nat	98	+65	-5	2783	99	-457	+0,24	+0,07	+0,02	+1	-10	-19	-45	+2	+4	97	+337	102	105	104	102	104	98	104	99	97	99	96	
GGI	DE 0356552537	Faun		Fanatic	Mascol	Gna																													

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont

Augusti

Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	KgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	T	U
Melkdoel Zwart											pnt	Productie					€					€	Functioneel										Exterieur		
SZO	IT 018990120740	Cabri End-Stor.Valter	RF	O-Man Story	Talent	Int		73	+58	-39	20	86	+794	+0,19	+0,00	+0,00	+52	+28	+36	+235	-32	+37	62	+57	100	98	99	98	101	102		67	94	100	93
Mas	NL 871871330	Dt Natasja		Galaxy	Stol Joc	Gint		82	+58	+10	49	88	+1270	-0,32	-0,12	+0,05	+22	+32	+63	+196	+26	-23	70	-31	101	98	101	101	102	98	95	83	102	105	106
Alt	US 66011447	Sully Altameteor		Planet	Shottle	Nat		98	+58	+4	2554	99	+949	-0,48	-0,28	+0,05	-7	+6	+48	+24	+0	+20	97	+188	101	102	105	101	103	104	101	99	94	100	110
Dek	US 73241491	Larcrest Cranium		Altajackman	Planet	Gint		76	+58	-53	19	84	-455	+0,29	+0,01	-0,09	+5	-15	-28	-59	-101	+40	68	+459	107	102	95	92	101	96	102	81	103	104	109
Adv	NL 761402145	Kira Baku		Brawler	Snowman	Gna		79	+57	-6	30	87	+1432	-0,34	-0,17	-0,08	+26	+32	+57	+203	-7	-41	71	+221	101	96	100	91	100	98	97	82	108	103	104
Alt	US 71588470	Bomaz Altafinegold		Rmw Armitage	Brigeen Russel	Int		77	+57	-20	33	90	+796	+0,09	-0,17	+0,00	+42	+11	+36	+144	-31	+38	61	-172	98	102	102	94		101	103	31	95	98	104
K&L	DK 01310401831	Vh Lynggaarden Onside Op		Dansire Officer	Jordan	Int		85	+57	-4	45	91	+1050	-0,51	-0,15	-0,01	-6	+22	+47	+92	-25	+30	76	+455	96	104	98	103	102	104	99	84	97	96	99
CRV	NL 875052636	Veneriete Ibiza		Sundance	Bookem	Gna		94	+57	+29	2420	96	-472	+0,38	+0,04	+0,11	+12	-13	-12	-32	-4	-66	86	+783	107	100	105	101	101	94	100	99	96	100	97
Sem	CA 11720423	Brabantdale Receive		Let It Snow	Man-O-Man	Int		78	+56	-22	36	90	+75	+0,55	+0,36	+0,00	+52	+35	+3	+254	-24	-23	57	+93	100	97	92	91	99	101	84	99	103	108	
Alt	US 61898306	Regancrest Altaiota		O Man	Ito	Nat		98	+56	+0	13823	99	+670	-0,04	-0,09	+0,20	+25	+15	+50	+129	+0	-24	99	-164	97	105	104	101	99	104	100	99	104	105	103
AWE	NL 539636079	Ajdh Camera	BY	Snowman	Ramos	Gna		83	+56	+13	44	90	+1138	-0,47	-0,27	-0,01	+1	+13	+51	+71	+2	-45	75	+387	101	96	102	97	98	102	105	86	99	102	104
Vek	NL 758117818	Veelhorst Vekis Police		Main Event	Stol Joc	Nat		61	+56	+3	35	74	+484	-0,37	-0,05	+0,13	-14	+12	+34	+30	-5	-5	54	+416	104	98	95	98	102	103	53	101	101	106	
K&L	DK 00000025596	Vh Anderstrup Bookem Boogie		Bookem	Man-O-Man	Gna		88	+56	-3	108	93	-199	-0,11	+0,22	+0,15	-18	+12	+4	+13	+0	-85	76	+35	102	105	105	101	98	96	100	88	102	105	108
Sam	NL 762070183	Big Clyde		Big Winner	Jorryn	Nat		92	+56	+9	646	96	-1096	+0,59	+0,21	-0,22	-1	-22	-67	-112	-13	+1	84	+202	99	107	104	98	101	94	106	92	94	99	100
CRV	NL 582559945	Delta Cupido		Wonder	Paramount	Gna		98	+56	+11	5114	99	-118	-0,33	-0,08	+0,10	-34	-11	+3	-116	+8	+13	97	+529	107	105	102	98	105	96	96	99	100	106	
Alt	US 68886414	Bomaz Alphaphonic		Man-O-Man	Nifty	Int		85	+55	-7	28	91	+599	+0,22	+0,03	+0,00	+46	+24	+27	+203	-26	+16	78	-54	99	100	99	106	102	100	99	82	96	101	93
CRV	NL 696227132	Delta Bonaparte		Bonanza	Shottle	Gna		95	+55	+17	1622	98	-97	+0,34	+0,19	-0,17	+26	+13	-19	+102	+0	-54	90	-109	103	97	99	94	99	93	105	99	101	104	106
Mas	NL 526586963	Mowambo		Moscow	Goldwyn	Int		86	+55	-6	23	91	+1257	-0,62	-0,36	+0,00	-9	+7	+57	+27	+16	+32	77	+281	102	103	95	101	96	102	98	86	96	96	106
Sem	US 62496434	Regan-Alh Dragon		Goldwyn	O Man	Int		89	+54	+3	54	94	+191	+0,00	+0,03	-0,01	-8	+9	+8	+56	-2	-13	84	+76	101	101	99	102	90	99	103	86	97	103	106
Kam	NL 469960884	De Bieuw Kindness		Shottle	Emerson	Nat		97	+54	-3	2281	99	+277	+0,15	-0,14	+0,05	+25	-3	+17	+45	-1	+30	97	+430	104	94	96	99	99	97	105	99	99	101	104
GGI	NL 425598456	Leko		Laudan	Jocko	Nat		97	+53	-17	2740	99	+362	-0,45	-0,13	-0,08	+26	+1	+9	-48	-5	-9	96	+497	103	99	105	100	98	100	104	98	97	100	96
GGI	DE 0538269227	Anamur		Anton	Bogart	Gint		83	+53	-13	45	87	+223	-0,29	-0,14	+0,06	-17	-5	+16	-51	-51	-72	68	+307	105	104	96	99	104	100	105	82	104	107	110
Sem	NL 969096292	K D Kh Cinderdoor		Doorman	Altaiota	Nat		90	+52	-8	441	94	+1051	-0,33	-0,10	+0,02	+12	+27	+50	+151	-35	-15	79	-139	103	98	105	98	102	99	97	94	100	100	98
ABS	US 135650545	Wa-Del Junction		O Man	Convincer	Nat		88	+52	+5	36	93	+154	+0,43	+0,08	+0,00	+45	+13	+7	+150	+12	-16	83	-76	95	104	103	105	99	93	102	88	100	100	94
Ves	NL 887310414	Topspeed Raglan	RF	Maik	Stadel	Nat		90	+52	-11	366	95	+220	+0,11	+0,03	-0,01	+19	+10	+9	+84	-1	-11	81	+358	101	102	94	101	100	96	98	89	98	102	97
CRV	NL 717343643	Elagaaster Packman		Bogart	Jordan	Gna		98	+51	+1	5884	99	-311	+0,46	+0,29	+0,03	+26	+14	-12	+108	+2	-46	99	-180	103	108	106	104	101	101	101	99	109	105	95
Sem	CA 106807385	Dpr Caraminator	BR	Snowman	Altabaxter	Int		81	+51	-3	44	88	-73	+0,21	+0,02	+0,00	+15	+8	-3	+63	-56	-13	73	+132	108	99	96	93	99	102	97	82	100	102	107
Sem	US 3124671689	View-Home Albania		Defender	Mccutchen	Int		80	+51	-2	27	90	+800	-0,29	-0,36	-0,01	+6	+7	+36	-5	+14	-2	70	+220	100	100	104	100	107	107	84	99	99	114	
Toe	NL 929745392	Mars Repro Ippon		Perfect Aiko	Fibrax	Nat		85	+50	+7	206	92	-129	+0,42	+0,26	+0,08	+31	+18	+1	+139	+26	+7	75	+33	101	99	103	96	97	101	99	84	96	102	106
Kam	NL 612994980	Het Meer Sunny Dream		Sundance	Atwood	Gna		89	+50	-37	345	94	-114	+0,44	+0,21	-0,05	+34	+14	-10	+126	-49	-49	79	+347	102	92	98	95	99	100	105	92	97	103	106
Kam	NL 660281847	Poppe Ferdi		Boss	Danillo	Gna		92	+50	+18	796	96	+244	-0,06	+0,13	+0,06	+5	+20	+17	+98	+7	-40	83	-52	99	101	101	98	95	97	99	94	105	103	105
WWS	US 68988032	Ladys-Manor Rd Grafeeti	CD	Badger-Bluff Fz	Goldwyn	Int		89	+50	-18	53	93	+230	+0,28	-0,03	-0,01	+35	+5	+10	+97	-35	+7	82	-45	99	98	104	98	101	107	100	92	100	101	107
Sem	US 66382657	Monument Impression		Socrates	Potter	Nat		96	+50	-1	2209	99	+945	-0,33	-0,33	+0,03	+8	+1	+46	+35	-16	+1	92	+596	105	94	105	93	106	101	101	99	104	103	105
WWS	US 66800610	Rich-Banks He-Man		Man-O-Man	Goldwyn	Int		89	+48	+4	77	94	+956	-0,38	-0,09	-0,01	+3	+24	+43	+118	+13	-4	81	+52	102	99	98	102	103	103	104	86	98	101	105
Sam	NL 735575839	Big Snow Ball		Radon	O Man	Nat		92	+47	-5	288	97	-204	+0,39	+0,08	-0,09	+25	+0	-17	+47	-5	-22	88	+230	102	100	104	99	95	98	108	89	102	105	99
CRV	NL 526186059	Delta Emerald		Goldwyn	O Man	Gna		98	+45	+0	7902	99	+438	-0,23	+0,00	+0,03	-3	+15	+23	+62	+0	+39	99	-45	104	101	104	103	100	102	101	99	103	104	105
AWE	NL 882493602	Dastin		Danillo	Planet	Gna		88	+45	-1	119	93	+336	-0,10	-																				

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK

NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont

Augusti

Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	KgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	D	U
Melkdoel Zwart											pnt	Productie					€					€	Functioneel										Exterieur		
Alt	US 69169951	Pine-Tree Altaoak		Niagra	Leif	Nat		96	+29	-15	1238	99	+1158	-0,28	-0,23	+0,16	+21	+17	+69	+135	-19	-11	93	+40	103	99	99	96	100	102	91	97	99	103	106
Sam	NL 893612674	Mastenbroeker Fletcher		Emerald	Paramount	Nat		86	+29	-17	116	93	+944	-0,30	-0,10	+0,02	+11	+23	+45	+131	-3	-9	78	-110	99	95	102	95	101	96	100	85	104	104	105
ABS	US 52805710	Schillview Garrett		O Man	Mtoto	Nat		97	+29	-8	1508	99	+858	-0,25	-0,23	+0,09	+12	+8	+48	+72	-5	+5	96	-58	100	103	105	102	97	94	99	99	99	104	98
Alt	US 139765360	Lake-Effect Altacaliber		Goldwyn	Shottle	Nat		97	+27	+0	3130	99	+716	-0,37	-0,09	+0,08	-5	+16	+40	+67	-2	-15	97	-8	97	101	102	99	100	108	101	99	102	105	111
CRV	NL 193285101	Vah Wonderboy		Lord Lily	Celsius	Gna		98	+27	+1	10413	99	-130	+0,44	+0,03	+0,08	+33	-2	+1	+61	+2	+63	99	-15	104	97	96	102	99	99	104	99	95	90	94
Kam	NL 532355881	Gansey's Leonidas	RF	Goldwyn	Kian	Gna		98	+27	-8	3359	99	+11	-0,03	+0,10	-0,05	-2	+9	-4	+32	-21	+2	95	+24	102	98	99	98	91	98	97	99	98	99	110
Mas	DE 0357079998	Bueno		Balisto	Hammer-Creek	Gna		84	+25	+0	118	90	-26	+0,64	+0,41	-0,11	+55	+35	-11	+256	+7	-35	72	-56	93	97	100	99	97	109	98	88	103	99	102
ABS	NL 970159722	Picston Shottle Et		Mtoto	Aerostar	Nat		98	+24	+2	4327	99	+561	-0,23	-0,28	+0,12	+2	-7	+37	-13	+3	-39	99	+427	103	99	100	94	110	98	100	99	101	103	104
WWS	US 66636663	De-Su 527 Spur		Planet	Shottle	Nat		91	+23	-7	234	95	+1034	-0,61	-0,41	+0,14	-16	-5	+61	-36	-17	-33	86	+510	102	99	101	102	99	101	99	90	102	104	103
ABS	UK 93300696473	Ards Proclaimer		Mogul	Man-O-Man	Nat		88	+22	-1	312	94	+49	+0,51	+0,18	+0,09	+47	+18	+10	+176	+12	-82	80	-116	100	96	99	95	98	104	100	90	100	103	110
Kam	NL 768733756	Danshot		Danillo	Shottle	Gna	2n	88	+22	-1	121	94	+184	-0,01	+0,00	+0,11	+7	+6	+18	+45	-2	-22	81	-111	99	98	99	97	102	100	101	86	102	105	109
Kam	NL 897770440	Koepon Wellness		Fibrax	Mascol	Gna		97	+22	-1	1517	99	-516	+0,43	+0,23	-0,13	+14	+1	-34	+23	+2	+7	95	-126	99	103	97	102	99	100	102	95	95	99	102
CRV	NL 497081841	Skalsumer Blitz		Paramount	O Man	Gna		98	+21	+2	5174	99	+1579	-0,35	-0,11	+0,09	+31	+44	+81	+270	-2	-28	97	+28	104	88	94	101	103	99	93	99	102	101	96
Gex	US 138851507	Wa-Del Surefire		Ramos	O Man	Nat		96	+21	+6	1489	99	+935	-0,47	-0,23	-0,07	-6	+10	+36	+39	+3	-21	93	-92	103	99	102	97	103	101	101	97	101	104	104
Sam	NL 927185899	Big Sentaro		Shogun Ps	Jorryn	Nat		93	+21	+2	489	98	-486	+0,07	+0,08	-0,01	-15	-10	-23	-79	+7	-13	89	+155	105	103	101	101	103	97	103	90	100	101	103
CRV	NL 539258462	Delta Edison		Peinzer Boy	Paramount	Gna		98	+21	-9	2594	99	-651	-0,40	-0,05	+0,13	-60	-27	-19	-242	+3	+28	97	+481	103	106	101	95	102	106	99	99	96	97	108
Kam	NL 878742754	Mars Bodyguard	RF	Jerudo	Shottle	Gna		95	+20	+5	851	98	-75	-0,02	+0,10	+0,03	-5	+6	-1	+14	+5	+27	92	+74	104	99	100	97	105	102	101	94	95	96	99
Sam	NL 379401837	Weggelhorster Santana		Zidane	Gentry	Nat		98	+20	+0	5290	99	-177	-0,20	+0,02	-0,11	-25	-4	-18	-74	+3	+27	99	-40	102	103	98	99	95	93	104	99	94	95	102
Ves	NL 543415590	Oelhorst Mick Aluminium		Prince	Active	Nat		83	+20	-5	97	91	-799	+0,17	+0,06	+0,09	-20	-23	-29	-145	+0	+36	76	+514	99	101	100	100	102	99	102	75	94	96	104
Kam	NL 429759583	Big Winner		Win 395	Lucky Leo	Gna		98	+19	+6	27692	99	-453	+0,38	+0,18	-0,22	+13	-1	-39	+12	+7	+28	99	+343	94	103	97	99	99	101	101	99	95	97	98
Ves	IT 23990261443	Mincio Holstein Ludico		Laudan	Boss Iron	Nat		87	+18	-11	178	92	+559	-0,08	-0,06	+0,10	+16	+14	+35	+102	+1	+23	78	-1	100	96	105	97	99	99	101	85	100	100	96
ABS	UK 94924122085	Ballycairn Oman Pello		O Man	Goldwyn	Nat		97	+15	-3	2956	99	+1034	-0,17	-0,11	-0,03	+27	+25	+44	+172	-10	-49	95	+114	98	100	101	107	97	102	101	99	103	106	94
CRV	NL 227347061	Hidden Future		Ronald	Celsius	Gna		98	+15	+0	21368	99	-387	+0,12	+0,08	+0,03	-6	-7	-15	-46	+2	+32	99	-45	106	101	102	98	89	93	99	99	93	94	93
CRV	US 3000540481	Cookiecutter Mom Hunter		Man-O-Man	Shottle	Gna		98	+14	-1	2464	99	+568	-0,12	-0,03	+0,10	+13	+17	+35	+108	-6	-48	97	-104	96	102	100	100	108	104	100	99	102	105	102
Kam	NL 890152285	Heuvel Bulkyin		Lonar	Paramount	Gna		96	+14	-6	1098	99	+77	-0,08	-0,01	-0,03	-4	+2	+1	+0	-6	-16	94	+50	101	99	105	99	94	96	101	95	102	104	100
CRV	NL 970171942	Alma O-Man Cf Cricket-ET	BY	O Man	Durham	Gna		98	+13	+4	39271	99	+157	-0,36	-0,07	+0,06	-26	-1	+13	-55	+6	-96	99	+25	105	106	99	106	102	101	97	99	105	103	102
K&L	DK 00000025320	Vh Strong		Stol Joc	O Man	Nat		97	+12	-2	2126	99	-324	+0,10	+0,25	+0,04	-5	+10	-11	+27	-1	-37	93	+59	104	100	100	101	106	98	101	99	107	102	97
CRV	NL 294753949	Delta Linfield		Addison	Branco	Gna		99	+12	+0	15845	99	-74	+0,01	+0,01	+0,14	-2	-2	+9	-10	+0	+62	99	-162	100	99	104	98	94	101	103	99	103	102	95
Alt	US 71441918	Zahbulls Alta1stclass		Numero Uno	Dorcy	Nat	2n	87	+11	-6	154	94	-408	+0,47	-0,02	+0,14	+22	-16	-7	-22	-16	+16	79	+44	101	106	99	99	109	106	93	90	97	99	117
CRI	NL 970170196	Welcome Oman Palmer Cri-Et		O Man	Aaron	Nat		98	+10	+1	2767	99	+345	-0,17	+0,08	-0,02	-1	+19	+14	+80	+2	-7	97	+1	99	101	92	103	93	98	99	99	97	103	101
Ves	IT 020990123734	All Ven Torrer		O Man	Boss Iron	Nat		97	+9	-5	2486	99	-316	-0,02	+0,12	+0,01	-12	-1	-14	-34	+0	-76	97	+457	104	100	103	103	90	100	103	99	105	105	98
Sam	NL 920078770	Dg All Star P	RF PP	Ohare-P	Colt P	Nat		84	+9	-16	201	92	+109	-0,20	-0,25	-0,01	-13	-19	+4	-104	-84	-22	74	+140	103	102	103	99	99	97	98	82	100	104	108
Sam	NL 899849362	Murphy		Lonar	Shogun Ps	Nat		97	+9	-13	1978	99	-446	-0,14	+0,07	-0,09	-31	-10	-28	-115	-5	+39	95	+272	102	102	102	104	102	102	105	97	92	96	98
Alt	NL 276999486	Barnkamper Cassanova		Addison	Labelle	Nat		97	+8	+3	1684	99	+154	-0,12	+0,08	+0,04	-4	+13	+11	+48	+6	+23	97	+6	98	102	102	101	98	99	106	97	98	96	92
Sem	NL 970163778	Braedale Goldwyn	CD	James	Storm	Nat		98	+8	-2	2657	99	-169	+0,16	+0,00	-0,03	+7	-6	-10	-13	+4	+7	99	-120	104	101	102	101	96	102	98	99	96	99	109
CRV	NL 970118312	Art-Acres Win 395		Winchester	Star Patron	Gna		98	+6	+0	12471	99	+1194	-0,33	-0,25	-0,20	+18	+16	+34	+114	+2	-22	99	-78	91	101	104	104	103	99	99	99	97	101	92
Ves	IT 024990274239	Campogallo Zamagni		Super	Active	Nat																													

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

Perspublicatie stierindexen Zwartbont

Augusti

Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	Kg L	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	Kg L	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	
Melkdoel Zwart											pnt	Productie										€	€	Functioneel										Exterieur		
Ves	IT 017990676878	Aquila Jeeves Bagolino		Jeeves	Stormatic		Nat	95	-20	+1	1569	98	-308	-0,44	-0,19	-0,05	-51	-27	-18	-223	-20	+2	89	+593	104	102	96	90	100	98	99	97	102	100	100	
WWS	US 140602463	Mr Atwood Brokaw		Atwood	Regancrest-Hh Int			88	-26	-2	60	93	+376	-0,04	-0,04	+0,00	+12	+9	+17	+67	+13	-4	81	-191	96	97	92	91	110	102	101	79	97	99	111	
Sam	NL 875966205	Jimm. Holstein Mr. Winner		Big Winner	Shottle		Nat	87	-30	-2	297	93	+345	-0,34	-0,21	-0,10	-17	-7	+7	-62	-32	+24	78	+340	97	98	94	96	102	102	101	85	95	98	100	
Sam	NL 871618148	Beeze Maikman		Maik	Survivor		Nat	94	-31	-10	972	98	-356	+0,24	+0,13	-0,03	+5	-1	-19	+1	+19	-24	87	+196	97	101	88	97	97	106	100	93	99	104	99	
Fre	NL 926098077	Holstein Wierden Pay Out		Windbrook	James		Nat	88	-32	+6	329	94	+63	+0,06	+0,00	+0,00	+8	+2	+3	+26	+17	-6	80	-60	101	95	98	102	98	89	98	90	98	103	104	
Ves	NL 695320074	Weggelhorster The Answer		Lonar	Northern		Nat	96	-32	-10	1048	99	-277	+0,13	+0,09	-0,13	-1	-2	-24	-18	+0	+43	94	-102	99	99	94	98	92	99	101	94	96	98	92	
WWS	NL 875918314	Merwehoeve Aquilani		Damion	Sanchez		Nat	82	-40	+10	99	90	-57	-0,33	-0,02	+0,05	-31	-4	+2	-81	+31	-39	73	+106	98	98	105	97	106	100	101	85	105	107	102	
	NL 931248841	Leo		Lonar	Basar		Nat	85	-45	+17	134	93	-44	-0,06	-0,13	-0,06	-7	-13	-7	-70	+15	+77	78	+122	101	98	99	98	101	99	101	76	95	91	97	
Sam	NL 538153368	Farmers Wish Hbc Pirlo	RF	Jerudo	Alves		Nat	96	-60	+0	1162	99	-508	+0,15	-0,03	-0,08	-9	-20	-30	-110	-2	+21	93	-288	103	104	99	99	102	107	93	94	94	98	95	
Sam	NL 893665027	Farmers Wish J.H. Mr. White		Maik	Bookie		Nat	92	-64	+16	392	97	-254	-0,12	-0,35	-0,04	-21	-39	-15	-209	+3	-42	86	+38	102	101	100	99	96	97	100	89	101	102	106	
Ves	IT 12990018692	Meridiana Fez		Ford	Skywalker		Nat	97	-78	+10	1814	99	-158	-0,10	-0,12	+0,11	-15	-16	+2	-97	-4	-13	95	+2	101	98	103	93	102	101	96	95	100	99	95	
WWS	US 141123484	Scientific B Defiant	RF	Braxton	Goldwyn		Nat	89	-84	-3	200	94	+237	-0,54	-0,30	+0,00	-39	-19	+11	-157	-3	-4	79	-180	98	97	103	92	109	104	103	91	99	100	109	
SZO	IT 019990815781	Go-Farm Royal Eudon		Million	Shottle		Nat	86	-86	-17	206	91	-83	+0,03	-0,23	+0,12	-1	-23	+7	-94	-46	-36	81	-141	100	100	96	97	101	102		90	105	104	104	
Sam	NL 533851708	Heuvel Vertongen	RF	Lucrative	Paramount		Nat	91	-89	+17	443	96	+755	-0,34	-0,01	-0,02	-1	+25	+33	+110	+17	-13	85	-336	94	95	99	95	104	100	92	90	103	103	95	
Sem	UK 00000064713	Willsbro Ash		Shottle	Goldwyn		Nat	86	-97	-19	169	92	-65	-0,42	-0,26	-0,03	-40	-25	-6	-188	-8	-58	80	-28	100	97	98	91	104	101	98	90	103	103	106	
Sam	NL 729656180	Freddie Raeman P	RF PO	Badger-Bluff Fz	Burket-Falls Pe		Nat	88	-98	+15	195	95	+806	-0,78	-0,24	+0,05	-41	+5	+42	-53	+15	-37	80	-82	94	99	97	95	104	103	98	86	99	104	101	
Toe	NL 890130180	Delthe Ezra 2 Rf	RF	Timotheus	Delthe Jairus		Nat	82	-115	-12	124	92	-1543	+0,43	+0,01	-0,10	-34	-53	-78	-312	+15	-3	74	-65	97	108	101	101	91	100	101	65	95	95	86	
Toe	NL 926622643	Weggelhorster Cinnamon	BY RF	Cinnamon	Blitz		Nat	81	-138	-17	104	90	-474	-0,35	-0,25	+0,04	-49	-37	-18	-260	-13	+10	71	-316	98	103	105	93	104	98	97	75	100	99	94	
Viv	DE 0354064958	Vivax Leverage		Scooby-Duu	Stuurman		Nat	84	-147	-3	114	92	-1446	+0,14	+0,04	+0,15	-51	-47	-55	-316	+1	-13	77	-298	102	103	106	97	103	93	93	76	98	100	100	

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
 NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

js 2020

B	Ext
F&L	T

106	106
105	110
107	101
96	100
104	109
107	110
103	109
109	112
97	100
100	107
100	103
101	103
100	105
99	99
101	103
99	106
97	102
100	105
103	103
100	103
108	108
97	102
100	104
101	101
105	105
101	103
97	98
99	102
97	102
101	111
106	104
101	107
98	101
101	104
99	102
101	107
104	110
100	106
100	102
102	102
100	106
100	101
98	98
102	107
98	104
99	103
100	106
103	103
107	108
100	107
105	105
103	105
100	106
109	106
105	107
94	98
95	103
100	105
104	106
102	102
97	101

$$\text{Inet} = 0,3 \cdot \text{kg lactose} + 2,1 \cdot \text{kg vet} + 4,1 \cdot \text{kg eiwit}$$

is 2020

B F&L	Ext T
98	100
98	101
105	104
98	106
100	100
111	110
107	108
105	105
99	98
100	104
97	100
100	105
101	104
106	105
97	101
94	102
105	102
114	112
99	102
99	107
105	106
103	101
97	101
102	103
99	104
99	103
100	104
100	104
95	99
97	103
103	103
98	99
99	103
101	103
99	101
111	109
95	99
103	108
104	105
99	104
100	104
107	104
97	102
95	100
96	101
104	103
100	103
100	99
99	100
102	104
103	107
101	102
106	106
100	104
98	103
102	108
101	100
104	105
104	106
103	102
98	101

$$\text{NVI melkdoel} = 0,4 \cdot \text{Inet} + 0,08 \cdot \text{Ivd} + 4,7 \cdot \text{UGH} + 6,3 \cdot \text{VRU} + 1,8 \cdot \text{Uier} + 3,6 \cdot \text{Beenwerk} + 1,8 \cdot \text{GEB} + 2,7 \cdot \text{KGH} + 0,23 \cdot \text{BVK}$$
$$\text{NVI dubbeldoel} = 0,35 \cdot \text{Inet} + 0,09 \cdot \text{Ivd} + 5,2 \cdot \text{UGH} + 5,2 \cdot \text{VRU} + 5,2 \cdot \text{Uier} + 6 \cdot \text{Beenwerk} + 2 \cdot \text{GEB} + 5,2 \cdot \text{VLI}$$

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

is 2020

B F&L	Ext T
100	107
99	102
96	100
104	107
100	104
100	107
105	108
109	107
97	101
101	105
97	95
106	105
99	104
100	99
107	113
98	102
102	103
99	109
103	109
96	100
101	106
98	102
107	104
103	106
101	107
98	103
99	99
97	102
103	108
103	105
100	105
102	106
94	100
100	104
107	103
99	100
103	102
99	101
102	104
97	102
97	103
103	109
99	99
107	111
99	105
107	109
111	106
103	106
101	104
98	108
105	103
101	103
101	106
97	104
99	104
99	103
103	105
103	104
97	102
105	108
101	103

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
 NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

is 2020

B F&L	Ext T
98	105
100	104
101	101
97	103
99	105
102	109
105	107
100	108
104	102
96	101
98	104
101	107
100	103
98	99
101	103
103	106
108	109
95	100
100	105
98	100
96	101
97	102
105	104
96	104
96	100
87	98
96	100
96	102
96	101
98	99
94	103
99	102
100	106
95	103
110	109
100	103
98	99
102	107
105	103
106	103
94	95
98	105
95	98
101	103
97	105
102	100
106	106
104	107
101	103
105	104
99	100
101	109
93	102
97	100
97	99
100	110
96	102
99	105
99	104
98	103
98	106

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

Is 2020

B F&L	Ext T
96	103
95	102
104	111
102	106
98	100
97	101
100	103
101	106
98	107
100	101
101	104
99	101
95	101
104	105
102	106
99	106
101	106
98	106
97	104
99	103
101	107
99	106
98	105
103	106
99	103
99	109
100	106
104	105
101	104
95	98
103	103
98	102
108	108
90	99
94	100
99	104
100	103
104	108
98	103
95	101
106	105
97	108
99	109
101	108
105	105
100	99
99	104
96	97
103	106
98	102
100	105
100	107
101	94
101	104
95	103
100	104
102	103
97	101
101	107
103	99
104	101

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
 NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

is 2020

B F&L	Ext T
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93	100
102	105
104	107
98	105
105	111
98	105
96	100
106	105
95	101
105	105
94	101
102	103
102	101
96	102
105	97
100	104
96	102
99	101
97	105
103	104
101	101
102	104
96	103
102	107
99	106
98	103
108	110
93	101
97	99
98	102
100	104
103	106
96	101
98	102
104	107
102	105
100	107
102	107
105	102
102	105
95	102
95	104
105	102
96	101
95	99
98	102
90	97
103	107
96	105
102	103
100	103
97	98
96	97
97	104
91	99
100	106
100	106
98	105
111	106
100	99
99	100

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
 NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

is 2020

B F&L	Ext T
94	97
96	104
95	96
92	99
91	101
102	102
93	102
96	98
102	103
99	103
97	100
97	100
101	108
104	100
98	107
94	102
102	107
97	101
96	98
93	99
100	103
102	99
91	100
101	105
101	104
96	106
101	105
99	99
105	105
106	103
100	106
94	99
103	103
96	102
100	100
101	104
100	101
96	100
98	105
96	106
102	108
96	95
105	111
100	106
104	103
103	104
102	100
101	104
105	100
100	105
100	104
99	103
98	102
99	100
95	104
100	102
100	102
100	103
102	103
104	104
100	101

$$\text{Inet} = 0,3 \cdot \text{kg lactose} + 2,1 \cdot \text{kg vet} + 4,1 \cdot \text{kg eiwit}$$

is 2020

B F&L	Ext T
99	105
99	106
102	101
92	101
100	103
97	102
100	102
103	95
104	99
104	108
100	102
106	105
96	98
96	104
102	105
101	104
98	106
96	102
98	100
100	102
106	108
97	105
98	101
100	104
100	105
102	104
101	106
98	103
94	98
99	102
97	100
102	104
97	98
86	96
100	101
100	104
93	101
94	99
94	97
93	102
95	106
98	104
102	105
94	99
101	105
99	99
92	101
99	98
99	102
98	103
102	105
106	101
99	103
95	96
104	103
100	100
97	102
98	103
91	99
94	98
99	102

$$\text{NVI melkdoel} = 0,4 \cdot \text{Inet} + 0,08 \cdot \text{Ivd} + 4,7 \cdot \text{UGH} + 6,3 \cdot \text{VRU} + 1,8 \cdot \text{Uier} + 3,6 \cdot \text{Beenwerk} + 1,8 \cdot \text{GEB} + 2,7 \cdot \text{KGH} + 0,23 \cdot \text{BVK}$$
$$\text{NVI dubbeldoel} = 0,35 \cdot \text{Inet} + 0,09 \cdot \text{Ivd} + 5,2 \cdot \text{UGH} + 5,2 \cdot \text{VRU} + 5,2 \cdot \text{Uier} + 6 \cdot \text{Beenwerk} + 2 \cdot \text{GEB} + 5,2 \cdot \text{VLI}$$

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
 NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

Is 2020

B	Ext
F&L	T

100	102
96	102
101	104
110	102
95	101
97	101
95	104
97	101
97	96
100	107
96	99
101	107
97	102
102	94
98	104
92	99
98	102
103	103
102	105
94	99
106	109
100	104
95	100
101	102
99	102
96	103
96	99
97	105
101	102
96	99
111	110
105	105
94	105
96	102
96	103
99	103
98	101
94	95
97	101
93	97
98	102
92	100
102	102
97	103
94	106
104	110
103	102
97	100
100	106
95	100
103	98
93	103
104	106
98	100
94	98
103	94
97	100
96	98
95	100
103	107
98	103

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
 NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

Is 2020

B F&L	Ext T
93	101
98	102
102	98
103	104
96	102
100	106
98	104
98	101
97	107
101	104
100	106
104	109
105	103
94	101
95	104
103	103
101	110
96	101
101	103
94	100
107	100
99	102
99	105
97	103
96	104
94	103
99	100
95	102
102	101
104	102
96	97
97	105
99	101
105	107
105	106
102	106
102	105
100	99
99	107
93	95
98	108
95	96
95	98
99	102
94	100
105	111
99	105
102	106
100	99
97	101
97	104
96	94
98	98
96	101
90	98
101	102
95	97
96	102
106	104
97	101
98	102

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
 NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

is 2020

B F&L	Ext T
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101	99
104	97
91	97
97	99
100	101
96	101
100	100
104	104
101	105
104	102
95	103
94	95
97	108
95	92
108	105
95	101
99	101
101	103
99	100
94	96
97	104
101	100
94	102
100	101
100	102
97	102
94	104
103	106
102	104
98	103
104	99
104	106
98	103
101	108
94	101
98	105
96	102
101	97
102	105
101	102
101	101
96	99
94	101
96	104
96	97
102	104
95	99
99	94
99	102
98	98
98	104
101	104
96	98
97	98
95	96
95	105
93	97
101	106
101	104
99	104
96	100

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
 NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

Is 2020

B	Ext
F&L	T

94	91
99	104
95	101
99	106
97	103
95	98
94	95
96	95
92	100
98	102
101	103
101	104
101	106
106	101
97	101
99	95
105	107
97	100
100	103
100	102
104	99
98	106
97	103
98	96
99	98
90	96
97	102
101	108
94	99
101	103
104	107
103	105
95	102
94	99
97	99
92	100
103	103
98	107
98	100
104	103
93	101
97	97
94	94
101	102
99	103
100	100
97	103
98	103
106	105
104	99
97	101
93	91
93	100
102	102
96	92
91	100
100	102
97	98
101	99
91	97
98	103

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
 NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi

JS 2020

B F&L	Ext T
95	101
103	106
95	97
96	105
99	93
102	106
97	100
97	101
99	102
97	104
105	109
101	100
103	100
99	102
96	100
102	104
97	96
102	100
104	102
99	96
98	97
90	93
102	94
98	101
101	102
100	103
97	99
104	101
89	102
98	99
93	97
101	105
97	94
93	91
95	101
105	98
91	99
98	104
93	96
97	98
98	99
93	96
98	103
101	96
100	101
99	101
97	96
99	100
93	91
97	101
94	95
100	95
101	97
104	107
98	96
99	101
100	98
97	103
103	94
96	100
99	102

Inet = 0,3*kg lactose + 2,1*kg vet + 4,1*kg eiwit

is 2020

B	Ext
F&L	T
100	101
98	104
99	98
97	98
98	101
102	95
100	104
91	91
98	94
100	104
96	95
98	103
92	100
97	97
103	106
95	98
100	90
97	95
96	97

NVImelkdoel = 0,4*Inet +0,08*lvd +4,7*UGH +6,3*VRU +1,8*Uier +3,6*Beenwerk +1,8*GEB +2,7*KGH + 0,23*BVK
NVIdubbeldoel = 0,35*Inet +0,09*lvd +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLi