

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

NV/Imelkdoel = 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

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

Perspublicatie stierindexen Zwartboet

Ki Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	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	B	Ext			
Ai Bull number	Bull name	Her-fact	Sire	MGS	S	N	N	Rel	N	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T			
Melkdoel Zwart									pnt											€		€																		
K&L	DK 00000257379	Vh Bube Bernell		Bube	Vh Salomon	Gnat			91	+322	-7	259	96	+1348	-0.15	+0.01	-0.01	+42	+48	+61	+303	-5	+34	82	+475	107	108	107	102	103	98	110	93	101	99	104	107	106		
Alt	NL 7295557	Weelder Empire		Bravo	G-Force	Gnat			90	+320	-10	2359	93	+443	+0.50	+0.22	+0.01	+65	+36	+21	+290	-13	+42	83	+598	105	105	106	108	97	87	110	99	96	93	102	109	104		
Alt	US 72615089	Bomaz Altalbano		Donatello	Rmw Armitage	Nat			85	+296	-3	102	92	+1606	-0.06	-0.05	+0.01	+62	+51	+74	+362	+29	+14	73	+463	108	108	104	97	100	101	107	81	97	102	106	96	100		
WWS	US 7007181	S-S Mogul Reflector		Mogul	Super	Nat			92	+295	-18	760	95	+1439	-0.39	-0.07	+0.02	+31	+48	+60	+282	-12	+19	84	+585	104	104	106	107	111	108	107	96	102	102	111	107	110		
GGI	DE 0666519827	Barclay		Ballisto	Epic	Gnat			90	+284	+47	511	95	+1047	+0.46	+0.41	-0.08	+90	+77	+40	+517	+59	+30	82	+714	96	100	106	103	107	101	103	94	96	100	105	101	102		
Alt	US 73953444	Bomaz Altatopshot		Supershot	Altalbassy	Nat			85	+284	+23	207	90	+1607	+0.14	+0.10	+0.03	+83	+66	+77	+468	+30	+3	73	+536	103	102	108	101	105	97	108	88	101	106	101	97	100		
GGI	DE 0666847135	Cyrano		Cinema	Shotglass	Gint			78	+279	-2	39	85	+2141	-0.21	-0.19	+0.07	+68	+54	+106	+396	+6	+16	66	+639	102	100	103	97	102	101	107	84	100	103	106	106	107		
CRV	NL 662437877	Delta Barrage		Final	Maik	Gnat			84	+278	+57	322	90	+1633	-0.19	-0.12	-0.04	+49	+44	+70	+304	+47	+5	74	+661	107	103	105	102	103	87	106	92	98	101	100	107	103		
CRV	US 313629574	Waterview Gold Medal		Supershot	Halogen	Gnat			90	+276	+15	116	89	+1849	-0.14	-0.04	-0.08	+63	+60	+93	+406	+19	+20	70	+362	107	104	111	103	100	104	103	87	104	102	107	100	109		
CRV	NL 736287780	Weelder Esperanto		Final	G-Force	Gnat			91	+274	+22	2510	93	+1261	-0.13	-0.07	-0.02	+40	+37	+55	+253	+4	+39	84	+753	102	101	103	104	101	102	113	99	96	99	109	108	105		
Sem	CA 12264628	Boldi V Gymnast		Doorsopen	Jabir	Nat			79	+273	+20	195	87	+2138	-0.14	-0.10	+0.02	+75	+63	+100	+446	-2	-36	69	+556	107	97	106	97	103	95	103	87	103	104	112	101	108		
CRV	NL 921967114	Bouw Finder		Ballisto	Epic	Gnat			96	+271	-6	5375	98	+21	+0.46	+0.14	-0.09	+42	+13	+9	+144	-6	-2	90	+1008	106	105	110	104	102	99	106	99	100	103	106	108	108		
WWS	US 755888903	Cogent Supershot		Supersire	Super	Nat			95	+267	+17	489	98	+1986	-0.45	-0.12	-0.12	+35	+56	+104	+334	+19	+6	90	+611	104	106	105	101	106	95	106	99	105	106	103	99	103		
ABS	DE 0538920253	Dg Charley		Supershot	Mogul	Gnat			88	+266	+3	106	93	+1494	-0.18	-0.08	+0.06	+44	+43	+74	+291	+4	+64	76	+613	107	104	110	105	104	99	103	91	93	96	103	99	98		
ABS	US 3130010426	De-Su 13181 Quantum	cd	Supershot	Mogul	Nat			71	+265	-10	26	79	+1483	-0.15	+0.12	+0.07	+47	+64	+75	+384	-25	-34	66	+585	104	106	105	100	108	98	100	77	104	106	108	98	105		
ABS	US 3134408139	De-Su 13530 Seville		Supershot	Montross	Nat			77	+263	+32	75	83	+1177	+0.11	+0.08	+0.11	+61	+49	+65	+349	-16	+5	67	+505	102	106	107	104	106	101	105	79	97	103	105	100	102		
CRV	NL 661726527	Double W Ranger		Reflector	Snowfleever Cd	Gnat			90	+262	-9	5676	92	+548	+0.42	+0.15	+0.08	+63	+33	+33	+278	+3	-22	83	+432	101	104	102	102	109	111	108	99	107	103	111	113	115		
CRV	NL 679611154	Delta Beattie		Commander	Fever	Gnat			89	+260	+37	350	94	+633	+0.38	-0.03	-0.16	+63	+19	+44	+223	+29	+20	79	+490	109	101	103	104	107	101	111	94	99	99	110	107	109		
GGI	DK 05093302452	Bonum		Ballisto	Epic	Gnat			88	+259	+40	332	92	+1366	-0.21	+0.15	+0.00	+36	+63	+62	+353	+2	+13	77	+829	106	106	108	104	105	105	102	92	103	103	110	107	107		
K&L	DK 0237140269	Vh Bosman		Ballisto	G-Force	Gnat			88	+258	+33	248	94	+1290	+0.19	+0.24	-0.05	+74	+69	+54	+455	+55	+44	78	+512	104	98	101	99	99	100	101	81	95	99	102	103	101		
Sem	CA 12192429	Silverridge V Eugenio		Supershot	McCutchen	Nat			86	+258	-22	300	91	+1817	-0.19	-0.23	-0.07	+57	+39	+90	+307	-7	+4	75	+498	104	103	107	100	103	101	105	91	102	104	113	102	109		
Alt	US 68629746	Lone Oak Acres Altarabot		Mogul	Observer	Nat			96	+256	-3	2531	99	+1531	-0.01	-0.17	-0.14	+64	+39	+84	+307	-22	+42	92	+554	107	102	103	101	106	104	108	99	101	102	110	103	107		
Sem	CA 12189047	Stantons Adorable		Supershot	McCutchen	Nat			85	+255	-44	353	91	+1130	+0.04	+0.03	+0.11	+52	+42	+63	+300	+29	-49	77	+511	102	104	103	99	107	104	109	94	105	107	115	104	113		
CRV	US 3129128855	Peak Hotline		Altahotrod	Mogul	Gnat			89	+254	-17	540	92	+1523	+0.32	+0.07	-0.16	+98	+60	+86	+478	+47	-10	77	-13	99	102	106	101	97	106	103	97	103	101	110	106	110		
Alt	US 3129037603	Endco Superhero		Supershot	Numero Uno	Nat			81	+254	+36	98	89	+1533	-0.13	-0.02	-0.04	+52	+51	+74	+341	+30	-17	72	+551	103	103	104	101	105	105	109	87	105	106	109	99	107		
CRV	NL 661726969	Double W Rotary		Galore	Snowfleever Cd	Gnat Gn			86	+254	-18	604	91	+1506	-0.24	-0.01	+0.12	+39	+51	+81	+315	+38	-5	77	+770	104	100	98	101	101	102	104	95	101	104	109	107	109		
ABS	US 70625988	De-Su 11236 Balisey		Bookem	Watson	Nat			98	+253	-12	9134	99	+723	+0.38	+0.35	+0.02	+67	+59	+35	+393	-7	+29	97	+840	102	101	103	104	104	101	99	98	100	108	97	102			
Tot	NL 678889750	Hul-Stein Casey		Supershot	Mogul	Nat			71	+253	+75	51	81	+1465	-0.03	+0.01	-0.06	+59	+52	+73	+359	+7	-14	65	+438	103	105	104	100	105	96	106	70	99	104	103	101	102		
CRV	NL 755139693	Het Meer Bravo		Ballisto	Bowser	Gnat			97	+253	+75	6337	99	+800	+0.21	+0.17	+0.13	+54	+44	+49	+309	-2	+37	93	+618	105	106	108	106	102	101	91	95	99	101	98	101	102	102	
GGI	IT 02898252947	Peak Altatopshot		Supershot	Leti Snow	Nat			80	+252	+16	50	87	+1726	-0.37	-0.07	+0.09	+34	+53	+89	+371	+15	-28	69	+803	103	103	102	97	106	103	108	84	109	106	109	102	105		
Alt	US 3129279566	Peak Altatopshot		Supershot	Leti Snow	Nat			80	+252	+16	50	87	+1726	-0.37	-0.07	+0.09	+34	+53	+89	+371	+15	-28	69	+803	103	103	102	97	106	103	108	84	109	106	109	102	105		
GGI	DK 03372306258	Cinema		Chevrolet	Snowman	Nat			85	+250	-19	59	92	+2770	-0.37	-0.27	-0.00	+75	+65	+126	+462	+7	+52	77	+539	105	92	102	97	100	97	105	90	97	102	105	103	104		
Alt	US 3126779968	Peak Altatopshot		Davinci	Numero Uno	Nat			85	+250	-3	156	92	+1590	+0.20	+																								

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NV/Idubbeldoe = 0,35*Inet + 0,09*ldv + 5,2*UGH + 5,2*VRU + 5,2*Uier + 6*Beenwerk + 2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont

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	A	B	Ext		
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	F&L	T			
Melkdoel Zwart																																						
Productie																																						
CRV	NL 899486858	Midwater Movement		Regard	Trigler	Gnat	95	+226	-10	266	82	+1865	-0,08	-0,10	-0,15	-78	-88	-106	+427	+28	+36	76	+451	99	100	105	98	101	104	102	92	104	101	99	101	101		
Gex	US 73316308	Weigeline Jacey Tabasco		Jacey	Bookem	Nat	91	+225	+16	615	96	+1992	-0,32	-0,01	-0,01	+0,51	+56	+92	+411	+37	-19	83	+389	101	102	105	100	106	97	102	94	105	103	101	100	100	102	
Alt	US 3129128750	Peak Altafwhheel		Monterey	Supersire	Nat	86	+225	+7	339	92	+1197	+0,18	+0,00	-0,01	+69	+42	+54	+333	+19	-51	75	+362	103	102	109	101	102	101	105	80	99	104	108	101	105		
Sem	US 72531549	Zahbuls Aviator-Et		Supersire	Badger-Bluff Et	Nat	94	+225	+9	258	85	+884	+0,18	+0,01	+0,06	+58	+38	+57	+283	+50	-1	74	+362	105	105	110	100	112	107	102	97	99	104	105	100	103		
WWS	US 70625809	De-Su Rookie 11057-Et		Bookem	Bronco	Nat	88	+225	+17	296	92	+969	+0,24	-0,02	+0,03	+65	+32	+47	+282	+14	+30	81	+482	101	103	106	99	109	96	106	91	99	99	105	102	103		
Mas	NL 546055407	Weelder Special Force		G-Force	Planet	Gnat	89	+223	+7	284	95	+1839	-0,53	-0,12	-0,00	+21	+51	+84	+278	+26	+1	82	+689	105	103	98	99	102	104	104	88	103	102	106	99	104		
CRV	NL 687206696	Delta Concert		Crescendo	G-Force	Gnat	94	+223	+20	3278	96	+1173	-0,06	-0,03	-0,02	+44	+38	+52	+264	+57	+40	86	+471	104	106	105	101	100	103	100	99	98	101	105	99	102		
K&L	DK 02371402380	Vh Barkley		Bookem	Gibor	Gnat	90	+223	+20	229	95	+1296	-0,26	-0,08	-0,06	+29	+37	+53	+229	+7	+25	80	+540	105	101	106	104	98	98	105	91	96	99	104	106	104		
GGI	DE 0666662248	Cantus		Commander	Supersire	Gint	78	+222	-25	23	84	+962	-0,31	-0,20	-0,06	+71	+53	+50	+381	+6	-24	68	+419	105	99	102	95	105	99	103	80	100	102	103	102	103		
CRV	NL 843896955	Delta Lendor		Vh Su	Bube	Gnat Gn	77	+222	-16	183	85	+345	+0,29	-0,24	-0,01	+41	+34	+15	+320	-32	-17	66	+552	107	103	101	97	105	95	103	87	100	102	108	102	107		
GGI	NL 622046493	Mars Laurent	RF PO	Label P	Snowman	Gnat	87	+221	-7	130	92	+233	+0,36	+0,31	-0,08	+43	+36	+3	+239	-5	-1	75	+628	106	102	102	98	97	98	108	91	100	100	107	99	103		
WWS	US 3131083927	Aot Silver Helix		Silver	Supersire	Nat	84	+220	+13	147	89	+1741	+0,21	-0,10	-0,02	+96	+50	+82	+431	+17	+7	74	+262	100	101	107	102	103	106	101	90	97	103	106	98	102		
CRV	NL 679221023	Ms Camino		Commander	Super	Gnat	88	+220	-7	276	94	+1507	-0,27	-0,05	-0,04	+36	+47	+73	+290	+17	+69	79	+376	102	100	100	100	99	105	105	104	94	93	96	113	104	106	
Kam	NL 842249399	Payday		Bookem	Mascal	Gnat	87	+220	+14	196	94	+1229	-0,13	+0,01	-0,04	+39	+44	+60	+280	+28	+13	78	+542	107	103	97	98	103	96	101	87	101	101	101	103	103		
Sem	US 72852002	De-Su Galapagos		Deductive	Mogul	Nat	88	+220	+9	449	94	+1546	-0,16	-0,17	-0,06	+49	+36	+77	+274	+9	+46	79	+559	101	104	98	98	100	100	108	92	95	98	108	98	101		
Alt	US 73752884	No-Fla Altafreup		No-Fla Fuelup 3	Mogul	Nat	86	+220	-3	155	92	+965	+0,33	-0,09	-0,13	+73	+25	+57	+273	+9	+37	73	+494	102	101	107	100	102	102	106	82	101	102	108	101	105		
CRV	NL 748138760	Delta Reporter		Skyfall	Belfast	Gnat	95	+220	+13	740	98	+774	-0,08	+0,17	+0,03	+25	+43	+38	+240	+24	+60	88	+285	101	106	105	102	93	96	108	97	101	102	100	104	103		
Tot	DE 0538910679	Yuppi		Woodcrest M	Roylane Socra	Nat	89	+218	+27	41	80	+1704	-0,03	-0,11	-0,06	+75	+48	+72	+376	+26	+1	82	+448	102	100	108	98	105	105	100	62	99	103	104	101	103		
CRV	NL 930896036	Newhouse Jasper	CD	G-Force	Cricket	Gnat	94	+218	+20	123	96	+521	+0,22	+0,23	+0,02	+43	+40	+26	+262	+22	+33	95	+232	103	106	103	103	+101	+94	103	94	97	97	107	101	103		
WWS	US 71813425	De-Su Penney 11839		Platinum	Shamrock	Nat	90	+218	+9	183	95	+870	-0,06	-0,02	-0,05	+31	+28	+35	+190	+25	-2	84	+762	110	104	102	102	104	92	100	83	100	102	107	98	103		
CRV	NL 875952040	Bow Final		Danno	Epic	Gnat	98	+218	-18	8933	99	+1014	-0,21	-0,09	-0,13	+22	+26	+59	+171	-6	+10	95	+576	106	102	105	103	105	96	105	99	97	103	105	108	106		
CRV	NL 765755447	Pendikler Locker		Batikum	Bube	Gnat	83	+217	-26	357	89	+923	-0,43	-0,02	-0,00	+81	+30	+42	+306	+17	+30	72	+420	102	101	100	103	98	102	105	92	97	99	108	103	106		
Alt	US 3129205459	Peak Altaumlet		Josuper	Mogul	Nat	86	+216	+9	320	91	+1686	-0,09	-0,09	-0,06	+62	+49	+83	+356	-6	+4	75	+480	103	98	100	99	107	101	104	89	103	105	111	101	108		
CRV	NL 548354692	Delta Regard		Chevrolet	Belfast	Gnat	96	+216	+16	803	99	+2001	-0,37	-0,16	-0,05	+45	+52	+97	+337	+27	+66	90	+395	102	96	105	97	98	105	106	99	98	100	106	104	105		
CRV	NL 944581881	Delta Bouncer		Brentano	Jasper	Gnat	77	+216	+6	82	85	+508	+0,33	+0,17	+0,02	+52	+34	+25	+256	+37	+4	68	+691	105	104	101	105	103	99	100	85	100	103	108	98	104		
WWS	US 70119251	Ronelee Ssi O Daddy		Observer	Outside	Nat	83	+216	+6	36	90	+1551	-0,43	-0,14	-0,07	+21	+39	+64	+223	-7	+10	78	+393	106	105	105	100	97	102	109	85	101	101	100	100	100		
Tot	NL 763906694	Broeks Kemas		Mardi Gras	Bookem	Nat	73	+215	+13	54	85	+1030	-0,10	-0,04	-0,14	+34	+32	+61	+221	+19	+19	64	+548	102	107	107	103	105	102	106	65	100	101	109	99	104		
ABS	US 70346495	Even-Par Shi Cannon-Et		Roylane Socra	Alexander	Nat	92	+215	+62	770	97	+1777	-0,55	-0,26	-0,13	+17	+34	+95	+204	+42	+54	85	+734	105	101	102	96	102	102	106	91	102	99	107	100	104		
CRV	DE 0539391976	Wilder Smiley	RF	Battlecry	Breakem	Gnat Gn	80	+215	+13	210	88	-401	+0,83	+0,28	-0,08	+53	+10	-25	+145	+47	+16	70	+557	106	106	104	97	103	97	104	91	95	100	106	104	104		
CRV	BE 411509393	Delta Bulb		Edison	Mascal	Gnat	81	+215	+9	159	95	+926	-0,35	-0,18	-0,19	+4	+14	+62	+24	+6	+39	86	+535	106	109	104	102	101	99	103	81	101	102	95	105	106		
GGI	DE 0539391976	Delta Bulb		Edison	Mascal	Gnat	81	+215	+9	159	95	+926	-0,35	-0,18	-0,19	+4	+14	+62	+24	+6	+39	86	+535	106	109	104	102	101	99	103	81	101	102	95	105	106		
Gex	US 3128463273	Syrzykz Silvr Blowtorch		Balisto	Altoast	Nat	77	+212	+12	38	82	+1033	+0,35	+0,06	-0,01	+78	+42	+46	+350	+46	+5	68	+301	104	105	104	99	104	102	96	81	102	105	109	98	105		
CRV	NL 710730956	Delta Bodyguard		Bolt Rf	Stellando Rf	Gnat	89	+212	+29	414	94	+1306	-0,10	-0,05	+0,03	+45	+40	+63	+277	+37	+42	81	+164	104	101	106	98	104	101	103	95	99	102	107	106	107		
Alt	US 312625642	Delta Bodyguard		McCutchan	Man-O-Man	Nat	76	+211	+25	150	83	+813	+0,40	+0,01	-0,08	+75	+25	+55	+266	+20	+28	64	+330	105	100	107	98	102	107	104	77	95	99	107	101	104		
Tot	NL 751487219	Koepon Geronimo		Kingboy	Altaembassy	Gnat	91	+211	+25	65	88	+1544	-0,18	-0,21	-0,05	+47	+32	+76	+253	+17	+16	70	+496	106	103	109	102	104	101	103	82	100	102	105	96	101		
GGI	DE 0537057055	Bedford	</																																			

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

NV/Imelkdoel = 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

NV/dubbeldoel = 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

KI Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	Kgl	INET	+/-	BVK	Bt	Rel	Lvd	Ugh	Vru	Gin	Cal	KA	MS	Kgh	Bt	F	T	U	B	Ext		
AI Bull nummer	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	Kgl	INET	+/-	SFMC	Rel	Lon	Lon	Udh	Fur	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T		
Melkdoel Zwart																																							
Productie																																							
€																																							
€																																							
Functieel																																							
Exterieur																																							
WWS US 3008897562	S-S-I Snowman Mayflower		Snowman	Socrates	Nat	86	+196	-70	185	82	+2519	0,52	-0,17	-0,05	-48	+88	+121	+416	+20	+10	82	+470	101	98	97	99	98	100	100	92	100	103	104	97	101				
Sem US 74414205	Westcoast Kerrigan		Kingboy	Numero Uno	Nat	80	+196	+20	73	88	+1573	-0,10	-0,04	-0,01	-56	+41	+73	+349	+23	+11	71	+484	103	100	103	93	102	102	99	84	100	101	111	94	101				
Sem CA 12189029	Stantons Applicable		Silver	McCutchen	Nat	86	+196	-7	173	90	+37	+0,36	+0,03	+0,08	+30	+1	+5	+69	+20	-20	74	+357	104	107	103	99	105	109	107	91	100	107	116	108	114				
Alt US 55616778	Glen-D'Haven Altahotrod		Jero	Altaiota	Nat	87	+196	-7	143	85	+2038	0,50	-0,17	-0,00	-68	+88	+93	+402	+33	-10	75	+457	101	101	97	107	102	108	101	87	105	103	106	104	107				
ABS US 71813206	De-Su 11620 Nirvana		Mogul	Planet	Nat	96	+195	+5	1516	99	+1489	-0,12	+0,06	+0,02	+51	+58	+70	+366	+13	-9	93	+395	101	97	105	97	104	100	98	97	100	102	108	103	106				
Kam NL 929184881	Timmer Gallo		Silver	Bookem	Gnat Gt	79	+195	+22	97	88	+1259	-0,02	-0,07	-0,12	+55	+37	+70	+288	+3	-2	71	+377	103	101	95	105	97	101	99	100	84	102	104	107	102	106			
GGI DE 0539063836	Born P Rdc	RF PO	Battlecry	Perfect Aiko	Gint	76	+195	+17	30	84	+514	+0,41	+0,13	-0,06	+60	+30	+18	+254	+50	+20	68	+459	106	101	102	99	98	96	101	84	100	102	106	100	103				
US 73728275	DF Altaparian		McCutchen	Roylane Socra	Nat	84	+195	+3	117	90	+798	+0,13	+0,00	+0,06	+46	+28	+42	+224	-14	+5	78	+420	101	104	106	101	104	102	101	82	96	101	107	104	105				
CRV US 3013064533	Intens-Com Yoder Splash		Woodcrest Mog	Stan	Gnat	90	+195	+14	184	96	+1336	-0,41	-0,09	+0,11	+15	+37	+72	+206	-7	-3	83	+291	108	103	103	98	98	97	102	92	102	106	107	105	106				
CRV NL 867185003	Delta Silverman		Danno	Beacon	Gnat	90	+195	+14	184	96	+1336	-0,41	-0,09	+0,11	+15	+37	+72	+206	-7	-3	83	+291	108	103	103	98	98	97	102	92	102	106	107	105	106				
GGI DE 0121142902	Bolaro		Boss	Beacon	Gint	81	+194	-25	21	85	+1889	-0,40	-0,10	+0,04	+37	+55	+91	+331	-7	-2	69	+93	100	103	104	100	102	105	101	81	102	101	106	104	106				
CRV NL 659618111	Delta Relevant		Mobile	Chevrolet	Gnat	87	+194	-9	517	92	+616	+0,35	+0,20	-0,01	+59	+40	+27	+296	+15	+1	79	+203	106	99	107	103	104	103	99	95	100	103	104	105	105	105	105	105	
GGI DE 0538393143	Board Et		Boss	Epic	Gnat	89	+194	-5	131	94	+1227	-0,17	-0,03	-0,04	+36	+40	+60	+256	+0	-4	78	+382	106	100	106	102	103	102	111	94	97	103	109	109	109	109	109		
CRV NL 669713332	Slob Advisor		Atlantic	Mogul	Gnat	89	+194	+23	347	94	+418	-0,23	-0,10	+0,04	-4	+5	+23	+19	+52	+1	80	+395	108	104	106	102	103	102	111	94	97	103	109	109	109	109	109		
CRV NL 684231664	Delta Leonardo		Reflector	Let It Snow	Gnat	85	+193	+25	819	90	+1282	-0,30	-0,04	+0,05	+24	+41	+64	+238	+7	-22	74	+504	102	103	101	94	107	103	102	96	103	103	107	104	107				
CRV NL 714018313	Plataan Fw	BY	Plan	Cricket	Gnat	88	+193	+24	131	95	+934	-0,17	-0,02	+0,04	+23	+31	+47	+190	+17	-15	80	+509	106	108	95	109	101	104	101	90	101	102	106	99	103				
K&L US 70662837	Langs-Twin-B Wild Beast		Shema Jeeves	Wa-Del Sebast	Int	76	+193	+9	20	89	+1281	-0,30	-0,18	+0,00	+24	+26	+58	+174	+26	+16	72	+696	107	101	99	94	105	106	102	74	98	100	108	102	105				
Sem CA 11703311	Silverridge V Wickham		Mogul	Snowman	Nat	84	+192	-7	618	98	+1795	-0,11	-0,25	+0,03	+63	+39	+84	+301	+12	-10	89	+267	104	98	106	100	108	104	103	98	100	102	110	102	107				
WWS US 3009554689	S-S-I Epic Midnight		Epic	Socrates	Nat	85	+192	-13	139	92	+1301	-0,13	-0,05	-0,00	+42	+40	+59	+270	-13	+25	80	+584	104	100	107	109	107	104	104	82	98	100	108	93	100				
CRV NL 87238552	De Biesheuvel Jethro		Regard	Balisto	Gnat	88	+192	-15	2286	92	+316	+0,40	+0,29	+0,06	+50	+38	+20	+267	-46	+12	81	+399	103	101	105	105	95	100	106	96	96	98	103	100					
CRV NL 945194293	Delta Rumba P	RF PO	Silver	Madlock P	Gnat	86	+192	-16	451	92	+831	+0,22	+0,03	-0,16	+57	+32	+53	+267	-47	-29	78	+378	102	100	101	103	101	100	107	95	93	101	110	100					
Tot NL 890208035	Vekis Powerbox		Numero Uno	Gnat	86	+192	-30	103	93	+867	+0,11	-0,04	-0,00	+40	+34	+40	+256	-20	-44	77	+284	105	103	104	98	98	96	98	87	97	94	96	106	99	104				
CRV NL 656149430	Gronoib Bram	RF	Bolt Rf	Stellando Rf	Gnat	92	+192	+44	494	96	+629	+0,05	+0,14	+0,03	+31	+35	+32	+218	+19	-2	83	+424	108	103	104	97	106	97	99	96	103	105	103	101	104				
GGI NL 916344441	Mars Mandela		Mogul	Super	Gint	83	+191	+15	38	88	+779	+0,13	+0,08	+0,03	+46	+35	+38	+252	+23	+21	72	+468	103	103	108	98	104	99	101	81	98	100	101	99	99				
GGI DE 0356165348	Bube Et		Beacon	Jeeves	Gnat	93	+191	-5	159	97	+1565	-0,46	-0,25	-0,02	+18	+28	+74	+175	-6	-39	87	+477	99	103	104	101	110	105	106	94	103	98	100	110	106				
Tot NL 719790120	Hul-Stein Luigi		Supershot	Fanatic	Gnat	80	+190	+7	101	89	+2130	-0,33	-0,24	+0,09	+54	+48	+107	+342	+25	+17	71	+517	103	99	100	102	104	96	100	84	107	105	108	96	108				
Alt US 71969878	Wesselcrest Altaantep		Mogul	Observer	Nat	95	+190	-5	906	99	+1927	-0,26	-0,20	+0,06	+54	+46	+95	+331	-17	-9	92	+244	100	98	107	98	107	106	102	95	104	105	109	104	109				
BGA DE 0666644448	Rzh Gastonbury Saxofon		Supershot	Cashmoney	Gint	75	+190	-0	35	85	+1373	-0,07	-0,03	+0,05	+51	+45	+68	+312	+0	-7	67	+409	96	105	105	108	102	97	106	79	103	105	102	98	102				
Kam NL 664364678	Kik Just In Time		Bookem	Altaiota	Gnat	86	+190	-4	208	93	+1226	+0,06	-0,08	-0,01	+58	+35	+67	+285	+7	+22	77	+202	103	103	105	105	97	106	98	87	101	101	105	104	105				
GII DK 0323206189	Delta		Regard	Bookem	Gint	76	+190	-10	31	85	+1972	-0,58	-0,22	+0,01	+21	+45	+91	+258	-28	-54	69	+359	104	107	103	94	100	99	106	82	99	99	105	104	106				
CRV NL 855652251	De Biesheuvel Roderic		Regard	Snowflake Cd	Gint	82	+190	-10	154	95	+1041	-0,54	-0,10	-0,05	+11	+25	+55	+125	-28	-34	75	+338	107	108	103	103	103	102	111	88	98	100	108	97	107				
CRV NL 655676998	Delta Levator		Metallic	Stellando Rf	Gnat	91	+190	-17	351	96	+167	+0,18	+0,09	+0,03	+23	+14	+10	+109	+16	+59	83	+334	109	109	102	104	101	95	100	94	92	95	106	98	99				
Alt CA 12278121	Prognosis Altahidalgo		Montross	Supersire	Nat	73	+189	+21	61	81	+2703	-0,55	-0,33	-0,00	+51	+56	+124	+374	+20	+6	62	+453	103	100	104	100	104	99	71	103	103	99	95	98					
Sem CA 12130522	Westcoast Roderic		Regard	Stellando Rf	Gint	90	+189	-3	52	90	+885	+0,50	-0,04	-0,01	+55	+25	+35	+236	+10	+1	64	+308	104	103	103	102	102	101	103	77	96	100	113	98	105				
CRV NL 548150665	Vero Pianoman		Mogul	Planet	Nat	95	+189	+20	561	98	+1056	-0,11	-0,10	+0,08	+34	+27	+56	+199	+3	-14	90	+564	104	100	99	99	107	104	104	97	101	102	108	107	109				
CRV NL 767662163	Peelsheove Magnus		Maik	Snowman	Gnat	92	+189	+13	223	97	+700	-0,19	+0,07	-0,18	+12	+31	+15	+157	+8	-25	86	+714	108	100	98	105	94	91											

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

KI Stiernummer AI Bull nummer	Stiernaam Bull name	Erf-fact Her-fact	Vader Sire	M-vader MGS	B N S N	Bt Rel	NVI NVI	+/- +/-	dtrs daus	Bt Rel	kgM kgM	%V %F	%E %P	%L %L	kgV kgF	kgE kgP	KgL KgL	INET INET	+/- +/-	BVK SFCM	Bt Rel	Lvd Lon	Ugh Udh	Vru Fer	Gin Cal	Geb DCE	KA Tem	MS MS	Kgh CLW	Bt Rel	F DS	T U	A B	Ext T				
Melkdoel Zwart																																						
Productie																																						
€																																						
Functioneel																																						
Exterieur																																						
Melkdoel Zwart	Heidsieckstier Beart		Beacon	Goldwyn	Gnat	95	+178	+10	1424	98	+1398	-0,41	-0,18	-0,08	-8	+110	+44	+42	-1	+64	89	+464	101	106	106	103	98	104	103	97	97	96	105	105	106			
CRV NL 941810667	Peldijkier Limousine		Crescendo	Dorman	Gnat	88	+178	+4	571	93	+1358	-0,02	+0,06	-0,07	+56	+53	+45	+351	+45	-20	80	+365	102	101	103	102	101	95	101	96	99	105	104	95	100			
GGI DE 0538281295	Balu		Ballisto	Epic	Gnat	95	+177	+14	1106	98	+1609	-0,31	+0,06	-0,09	+36	+62	+64	+349	+9	+5	87	+467	101	101	104	107	103	99	99	98	100	104	101	95	98			
Mas DE 0121814251	Sylvart		Silver	Galaxy	Gint	90	+177	+23	40	85	+1456	-0,11	-0,07	-0,07	+52	+48	+70	+317	+37	-2	69	+268	99	100	102	105	103	103	100	92	98	103	110	103	107			
AWE CA 12221929	Silvercap Salfie Rc	RF	Supershot	Aikman	Nat	75	+177	+8	41	83	+1217	-0,29	-0,17	+0,05	+22	+25	+61	+167	+33	-37	68	+454	104	106	104	101	103	91	103	81	103	105	108	99	105			
Alt US 3125475831	Peak Altafrebird		Camaro	Roylane Socra	Nat	87	+177	+7	183	93	+143	-0,30	+0,02	-0,08	-20	-3	+0	+30	+4	-1	75	+780	108	103	109	98	105	103	107	81	98	102	103	102	102			
Sem US 3014561903	Sandy Valley Afterburner		Flame	Mogul	Nat	84	+176	+16	194	92	+829	+0,24	+0,18	-0,02	+45	+35	+22	+245	+14	+7	74	+270	102	106	104	99	104	98	102	89	100	99	103	97	100			
CRV NL 656787711	L W Crescendo		Stellando Rf	Planet	Gnat 2n	94	+175	-19	293	98	+1338	-0,07	+0,05	+0,02	+64	+41	+63	+321	+2	+48	90	+202	98	103	108	104	98	105	101	96	98	103	100	98	99			
CRV NL 751976786	Zandenburg Sparkle	RF BR	Commander	Snowman	Gnat	88	+175	+29	258	94	+1467	-0,50	-0,10	+0,08	+11	+41	+75	+214	+15	+25	78	+415	107	97	100	99	106	102	103	83	92	98	114	101	105			
WWS US 70625862	De-Su Distinction 11130		Shamrock	Man-O-Man	Nat	78	+174	+21	31	86	+1780	-0,24	-0,05	-0,17	+56	+22	+52	+223	+3	+48	74	+512	101	103	103	102	103	102	102	82	98	100	105	97	100			
WWS US 3014365477	Ocd Montross Laidlaw		Montross	Supersire	Nat	80	+173	+6	176	88	+2398	-0,50	-0,24	+0,05	+45	+56	+115	+359	+45	+22	71	+309	98	101	97	97	102	101	103	87	102	103	108	96	103			
K&L DK 04141202640	Vh Tirsvad Sundance Stu		Sundance	Bookem	Gint	81	+173	-3	25	89	+2017	-0,36	-0,20	-0,04	+46	+48	+96	+322	+0	+13	73	+511	104	98	102	97	100	100	98	86	99	100	106	96	101			
ABS US 72156794	Seagull-Bay Silver		Mogul	Snowman	Nat	97	+173	+4	4152	99	+1125	-0,25	-0,06	-0,10	+73	+33	+61	+307	+23	-2	95	+216	96	101	105	98	103	109	101	99	100	104	113	103	109			
LIV US 3010353525	Mr Dds Mt Hondo 54778		Montross	Numero Uno	Nat	76	+173	+21	81	85	+1775	-0,31	-0,14	-0,04	+42	+47	+85	+306	+6	+31	69	+457	100	104	102	102	108	108	100	83	97	100	104	92	97			
Mas DE 0356607584	Amaz	RF	Aikman	Pioneer	Gint	84	+173	+12	49	90	+59	-0,49	+0,19	-0,08	+46	+19	-4	+173	-36	-4	71	+198	104	106	101	102	105	92	102	84	97	103	100	107	103			
Tot NL 640930657	Veneratie Viggo		Supershot	Massey	Gnat	75	+173	-13	18	85	+389	-0,17	-0,02	-0,07	+32	+12	+24	+124	+4	-10	68	+512	107	104	103	103	105	95	103	80	102	105	105	100	104			
Alt US 3010354356	Tjr Altadisco		Tango	Mogul	Nat	85	+172	-28	240	93	+1912	-0,37	-0,21	+0,06	+41	+44	+94	+295	-30	-12	75	+233	103	100	96	98	103	103	103	85	104	106	111	101	108			
WWS US 3014562176	Sandy Valley J Pharo		Jedi	Ballisto	Nat	78	+172	+44	105	85	+1112	-0,13	-0,01	-0,17	+34	+38	+68	+248	+29	-16	67	+511	108	99	99	101	107	96	101	83	101	103	112	95	104			
WWS US 721993820	S-S-4 PK Shriglas Hotshot		Shoglass	Clear-Echo Nit	Nat	78	+172	+39	47	83	+972	-0,06	-0,11	-0,11	+47	+23	+85	+120	+58	+28	73	+493	106	101	102	102	109	106	97	110	93	101	104	99	104			
WWS US 143189741	Wo-Pel Yoder Bandares		Woodcrest Mossy	Nat	85	+172	-11	130	90	+250	+0,38	+0,22	+0,05	+22	+10	-7	+86	-6	-38	72	+574	107	104	105	96	104	109	102	90	103	106	110	103	109				
STG US 3125993715	Farnar Delta-Lambda		Mr Mogul Delta	Numero Uno	Nat	73	+171	-1	66	82	+1434	-0,07	-0,11	-0,06	+54	+39	+72	+295	+21	-18	65	+503	104	96	103	101	106	104	99	82	100	100	113	97	105			
Mas DE 0356844868	Beastick		Ballisto	Gold Chip	Gnat	88	+171	+21	112	93	+775	-0,10	-0,09	-0,08	+23	+22	+44	+172	+10	+13	75	+623	107	100	104	104	103	103	103	96	98	105	100	102	102			
Sam NL 740466834	Big Malki		Maik	Jorryn	Gnat	98	+171	+9	7842	99	+839	-0,14	-0,07	-0,17	+22	+22	+22	+143	+17	+5	97	+467	105	97	100	101	92	88	108	99	106	107	110	110	105			
GGI DK 03372306314	Beat		Boss	Snowman	Gnat	82	+170	+15	34	90	+1182	-0,07	+0,07	-0,01	+43	+48	+53	+303	-9	-32	73	+111	107	100	103	95	98	96	98	85	102	103	106	101	105			
Alt US 3132171161	Pine-Tree Altamoder8		Modesty	Supersire	Nat	73	+170	+80	80	81	+792	-0,19	-0,09	-0,09	+52	+19	+45	+201	+98	-34	64	+337	103	105	107	99	103	104	100	77	96	100	104	97	99			
Alt US 3134407079	Peak Altamontoya		Altamoreno	Supersire	Nat	71	+169	-8	36	80	+1441	+0,17	+0,06	+0,05	+79	+56	+71	+417	+0	-13	55	+249	101	96	105	100	106	98	100	80	104	106	108	95	104			
ABS US 70625980	De-Su 11228 Topsy		Bookem	Watson	Nat	88	+169	+5	357	91	+1378	-0,00	+0,05	-0,08	+58	+53	+71	+360	+23	+23	83	+318	101	99	103	101	100	103	97	90	99	101	107	96	101			
Kam NL 612994942	Het Meer Bal		Ballisto	Atwood	Gnat	86	+169	+3	122	93	+260	+0,89	+0,27	-0,03	+82	+34	+9	+335	-7	+19	77	+412	101	102	93	97	103	99	98	87	96	96	109	95	100			
Mas CA 108535233	Dolph		Liquid Gold	Snowman	Gint	82	+169	+1	40	88	+1389	-0,07	+0,03	-0,06	+52	+51	+57	+335	+2	+44	67	+242	100	99	104	100	102	98	103	81	103	101	98	100	100			
Alt NL 751487024	Peak Le Altacordial		Altacordial	Supersire	Nat	87	+169	+8	413	93	+212	-0,11	-0,00	+0,00	+62	+42	+55	+319	+16	-29	79	+399	103	100	101	98	103	99	100	87	101	107	108	96	104			
WWS US 3125375958	Art Harold		Supersire	Nat	70	+168	+39	56	75	+1021	-0,21	-0,04	-0,04	+55	+35	+10	+307	+93	-3	-70	+318	100	103	107	102	104	106	100	88	103	103	107	98	103				
Ver NL 884054393	Holbra Inseme Rodanas		Doorman	Snowman	Int	74	+168	-2	16	88	+576	+0,32	+0,03	-0,00	+55	+23	+26	+218	+5	-43	63	+337	109	101	99	97	101	93	99	71	100	103	111	100	106			
CRV US 3013023061	Edg Clowm		Mogul	Lavaman	Gint	82	+168	+2	45	88	+326	+0,46	+0,12	-0,09	+56	+22	+23	+215	+10	-48	71	+521	100	102	100	105	99	103	101	85	91	100	106	101	101			
CRV NL 540025230	Wendler Solution		Gold	Laudia	Gnat	93	+168	-1	264	97	+1318	-0,36	-0,10	-0,12	+18	+35	+22	+305	+13	+42	85	+58	101	102	106	105	97	98	105	84	98	98	105	104	104			
Alt US 73163134	No-Fla Shock 80844		Tranquillity Ac	Erdman	Int	81	+168	-6	23	89	+1189	-0,18	-0,17	-0,00	+32	+24	+54	+182	+15	+30	66	+558	103	105	106	103	103	105	98	82	94	99	106	95	99			
Alt US 3129340335	Welcome Altaterrave Et		Modesty	Reflector	Nat	76	+168	+28	127	83	+863	-0,23	-0,07	+0,09	+14	+23	+48	+138	+47	+36	65	+300	104	100	110	101	107	105	103	78	96	97	114	103	107			
US 313131493	Peak Altamantira		Wickham	Supersire	Nat	77	+167	+5	149	86	+1243	-0,17	-0,11	-0,03	+70	+32	+60	+296	+17	-17	70	+253	103	100	106	102	103	98	98	82	102	101	108	98	104			
CRV US 3126822845	Peak Amplify		De-Su Skyline 1	Mogul	Gnat	84	+167	+1	72	91	+722	-0,24	+0,12	-0,12	+54	+37	+44	+278	+7	+38	71	+360	99	101	104	105	101	104	108	87								

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

NV/Imelkdoel = 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

NV/dubbeldoel = 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

KI Stiernummer AI Bull number	Stiernaam Bull name	Erf-fact Her-fact	Vader Sire	M-vader MGS	B N	N R	Bt	NVI	+/-	dtrs daus	Bt	kgM	%V	%E	%L	kgV	kgE	KgI	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	B	Ext			
Melkdoel Zwart																																							
Productie																																							
€																																							
Functioneel																																							
Exterieur																																							
Mas DE 0357440608	Baldur		Ballisto	Epic	Gnat		85	+157	+3	58	90	+1274	-0,16	-0,05	-0,01	-38	-38	-58	+257	+20	-10	73	+434	102	100	100	99	100	103	98	84	98	101	107	100	100	100	100	
OBS DE 0358110038	Milton		Missouri	Snowflake	Gint		80	+156	-7	42	86	+1933	-0,34	-0,10	-0,06	+45	+56	+82	+349	+1	+58	67	+229	99	97	101	102	98	103	101	83	96	100	110	96	102	100	100	
Kam NL 661169380	Monte Rosa		Jedi	McCutchen	Gnat Gn		78	+156	+17	147	87	+955	-0,08	+0,01	+0,07	+33	+34	+50	+224	+13	-23	68	+520	105	100	105	97	110	100	101	83	102	104	113	92	104	100	100	
ABS US 82252367	Lars-Acres Shot Trigger		Shottle	Boliver	Gnat		97	+156	-77	2462	99	+886	-0,38	-0,11	-0,11	-2	-8	-42	+50	+15	-17	96	+283	107	101	102	99	111	106	105	98	94	100	103	105	102	100	100	
Mas US 3011584418	Starhawk		Supersire	Observer	Gnat		89	+155	+22	205	95	+1363	-0,14	-0,14	-0,10	+44	+33	+52	+243	+3	-17	81	+343	106	102	103	95	105	94	97	89	106	106	104	97	103	100	100	
Alt US 72615076	Bomaz Atlasabre		Jacpy	Roylane Socra	Nat		88	+155	-75	278	94	+863	-0,25	+0,02	-0,01	-12	+32	+40	+168	-30	-17	78	+406	106	107	98	99	103	100	99	83	101	102	104	96	101	100	100	
CRV NL 675268482	Delta Wisent	RF	Whatsapp RF	Atlantic	Gnat		91	+155	-23	1209	95	+850	-0,56	-0,08	-0,02	-29	+12	+27	-4	-36	-10	83	+535	107	104	106	98	104	101	110	99	101	103	109	101	106	100	100	
CRV BE 412323882	Newhouse Jorben		Vitesse	Epic	Gnat		95	+154	+13	2055	97	+497	+0,32	+0,10	+0,04	+51	+27	+66	+226	+8	-52	88	+238	105	100	103	101	96	95	105	99	104	106	112	98	107	100	100	
CRV NL 923895036	Mr. Moviestar Model		Roylane Socra	Planet	Gnat		76	+154	+13	22	94	+890	-0,31	-0,13	-0,13	+17	+17	+51	+98	-7	-14	70	+571	100	104	104	100	106	102	107	77	100	101	104	102	103	100	100	
CRV NZ DMLF 11-5	Delta Aloster		Atlantic	Shottle	Gnat		97	+154	+12	2214	99	+83	-0,06	+0,19	-0,05	-2	+14	-5	+99	+17	+24	94	+222	100	104	107	101	102	102	108	99	93	94	105	111	106	100	100	
ABS US 3014562044	Sandy Valley Gs Goldrush		Silver	Meridian	Nat		79	+153	+17	171	87	+1288	-0,08	-0,13	-0,17	+63	+32	+76	+286	+23	+14	70	+294	101	96	105	99	100	105	104	83	97	102	107	100	103	100	100	
Sam NL 724441769	Vvh Snapshot		Supershot	Maik	Nat		81	+153	-3	201	88	+1938	-0,40	-0,26	-0,12	+39	+39	+76	+265	+15	-40	73	+406	103	102	106	101	102	94	99	85	100	105	98	98	99	100	100	
Alt US 74414026	Ihg Montana		Montross	Numero Uno	Nat		82	+153	+22	162	90	+984	-0,02	-0,13	-0,10	+44	+21	+55	+195	+49	-1	73	+522	104	106	103	99	103	106	99	88	103	103	107	90	100	100	100	
WWS US 3132117165	Pine-Tree Mod Kennedy713		Modesty	Supersire	Nat		77	+153	+9	70	83	-370	+0,66	+0,18	-0,14	+40	+2	-5	+91	-58	+56	66	+282	104	105	108	104	101	105	102	85	97	97	104	101	101	100	100	
Alt US 3131131371	Peak Altapolish		Silver	Supersire	Nat		82	+152	-16	228	89	+536	+0,46	+0,08	-0,05	+66	+26	+29	+254	+10	-23	74	+301	103	100	104	101	101	101	101	82	95	105	106	99	102	100	100	
Tot DE 0121740596	Pg Sv Tracer		Tribune	Headliner	Gnat		75	+152	-9	39	86	+1406	-0,39	-0,14	-0,02	+20	+35	+62	+204	-3	+4	65	+506	101	103	102	98	101	105	102	77	100	101	106	96	101	100	100	
Mas DE 0356333357	Genestar		Genesis	Dorcy	Gnat		80	+152	-3	47	90	+1086	-0,45	-0,01	-0,03	+1	+37	+47	+168	+8	+7	71	+442	103	103	103	100	94	103	100	100	80	100	102	109	98	104	100	100
WWS US 69502423	Kerndway Kingpin		McCutchen	Observer	Nat		85	+152	-7	144	92	+537	+0,11	0,05	-0,06	+33	+14	-30	+136	-29	-48	77	+307	104	105	108	98	108	103	105	90	104	103	115	99	109	100	100	
CRV NL 923895036	Delta Mover		Mobile	Solero	Gnat		89	+152	-25	2178	94	+386	+0,51	+0,30	+0,07	+27	+12	+12	+102	-40	-28	79	+316	108	105	100	100	101	102	97	102	94	103	104	102	104	105	100	
Alt US 3126719961	Peak Altarenore		Co-Op Upd Hunt	Mogul	Nat		88	+151	-49	551	93	+077	-0,15	-0,12	+0,06	+72	+59	+101	+423	+25	+14	78	+77	99	97	102	100	103	93	98	90	102	104	107	96	103	100	100	
Gex US 71079044	Sully Hart Denim Mahua		Denim	Planet	Nat		83	+151	-4	42	85	+855	+0,12	+0,00	-0,08	+48	+30	+31	+223	-7	-4	79	+210	102	103	108	98	100	104	101	88	98	102	106	101	103	100	100	
Sem CA 107870104	Comstar Lineman		Man-O-Man	Mogul	Nat		88	+151	-3	115	92	+610	+0,17	+0,01	-0,14	-22	+22	+41	+181	-7	+18	78	+341	104	98	103	98	103	101	100	98	97	103	102	99	110	100	100	
Sem CA 12302901	Progenis Outlast		Doorsopen	Altaoak	Nat		76	+151	-9	55	85	+703	+0,11	-0,08	-0,02	+40	+17	+30	+163	+7	-23	68	+326	108	102	105	99	101	96	99	85	101	103	111	97	105	100	100	
Sem CA 12556108	Legend-Maker Victor		Kingpin	Liquid Gold	Nat Ng		71	+151	+157	72	80	+64	+0,19	+0,18	+0,03	+20	+18	+6	+118	-2	-34	62	+212	103	105	96	95	103	104	106	79	104	103	116	103	112	100	100	
Sem CA 109011053	Silveridge V Kyran		Kingboy	Mogul	Nat		84	+150	-9	138	90	+1458	-0,14	-0,16	-0,03	+76	+34	+70	+320	+14	-33	72	+290	97	100	105	103	105	100	99	85	103	105	108	100	106	100	100	
GGI DE 0770248602	Mission P	RF PO	Missouri	Asterix P	Gnat		83	+150	+5	104	91	+1258	-0,10	+0,04	+0,03	+43	+48	+60	+305	+21	+43	72	+199	97	102	105	98	99	97	104	88	102	101	105	93	100	100	100	
Kam NL 756624448	Gieszen Utopia		Rubicon	Snowman	Gnat		81	+149	-17	121	89	+519	+0,61	+0,15	-0,06	+79	+32	+29	+306	+29	+34	72	+296	102	97	102	100	95	97	97	85	104	104	107	99	105	100	100	
Tot NL 571956748	Heidskipster Santana		Silver	Supersire	Gnat		78	+149	-38	68	87	+1197	-0,10	-0,15	-0,06	+41	+27	+61	+125	-46	+7	70	+394	100	101	105	102	105	107	102	81	100	103	107	99	104	100	100	
CRV NL 662846369	Delta Lucifer		Dynamo	Man-O-Man	Gnat		91	+149	-27	166	96	+458	-0,08	+0,19	-0,03	+12	+34	+18	+170	-18	-11	84	+266	103	104	95	99	98	96	101	92	100	105	108	104	107	100	100	
WWS US 74072110	Wasselerest Altalambau		Montross	Grass	Nat		77	+148	-7	61	96	+223	-0,57	-0,14	+0,00	+31	+62	+103	+366	+15	-1	67	+407	109	103	102	103	103	102	99	70	102	103	104	92	104	100	100	
CRV NL 106807034	Genia Altalambau	RF	Grass	Grass	Nat		97	+148	-17	1189	95	+120	-0,33	-0,10	-0,07	+25	+25	+25	+257	+15	-11	84	+266	103	104	95	99	98	96	101	92	100	105	108	104	107	100	100	
Sam NL 866038759	Vvh Bobytrap		Snowman	Altalambau	Gnat		76	+148	-27	63	84	+798	-0,11	+0,04	-0,01	+42	+32	+35	+234	-7	-17	69	+55	103	98	101	102	103	103	101	79	102	100	101	100	100	100		
Alt DE 0539392042	Wilder Altakid		Bookem	Grass	Nat		66	+147	+26	35	75	+856	+0,00	+0,08	+0,14	+36	+38	+53	+247	+53	+5	60	+334	102	102	104	101	108	100	100	69	97	103	111	92	101	100	100	
Mas DE 0358591200	Bornier Epi		Jedi	Epica	Gnat		85	+147	-7	87	91	+1254	-0,30	-0,03	-0,06	+23	+41	+53	+235	-17	-8	74	+103	102	105	106	98	100	100	98	83	102	103	104	99	103	100	100	
WWS US 71913155	De-Su Ss Honeybee 11569		Supersire	Bookem	Nat 2n		90	+147	-45	346	96	+1013	-0,17	-0,16	-0,08	+26	+19	+54	+149	+10	-23	82	+407	104	104	107	99	104	101	102	92	104	104	105	97	103	100	100	
GGI DE 0538431063	Basical		Ballisto	Epic	Gint		84	+146	+5	53	89	+998	-0,16	-0,01	+0,03	+27	+34	+49	+211	-17	-38	72	+461	96	103	105	102	101	107	100	83	103	100	106	99	104	100	100	
CRV US 3014486165	Peck Jerrod Abel		Tribune	Mogul	Gint		93	+146	-9	528	97	+450	+0,81	+0,28	-0,05	+48	-8	+25	+128	+33	+13	83	+676	107	103	101	101	103	95	103	97	100	103	104	102	104	100	100	
OBS DE 0538771582	Trend		Jerob	Mogul	Gint		79	+146	+12	43	86	+1303	-0,45	-0,33	-0,07	+10	+12	+67	+90	-9	-21	66	+476	102	105	102	102	102	106	102	79	103	103	113	101	105	100	100	
CRV NL 892810490	Lowlands Monopol		Asynwin	Snowman	Gint		98	+146	+9	3515	99	+457	+0,11	+0,24	+0,14	-10	+4	-9	-7	-3	+29	99	+652	108	107	107	103	96	108	105	99	95	99	100	95	96	100	100	
CRV NL 548929210	Delta Symbol	RF	Dynastion S	Grass	Nat 2n		76	+145	+19	76	85	+123	-0,19	-0,16	-0,08	+16	+35	+37	+142	+37	+12</																		

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

NV/Imelkdoel = 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

NV/dubbeldoel = 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

Ki Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	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	B	Ext			
Ai Bull nummer	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	F&L	T			
Melkdoel Zwart																																							
Meikdoel Zwart																																							
Sem	CA 11752112		Diamond	Numero Uno	Nat			88	+136	-78	332	84	+736	-0,01	-0,14	-0,11	-32	-12	-44	-130	-37	-15	78	+358	109	103	95	97	104	98	101	89	100	104	111	96	104		
Tot	NL 865148639		Platinum	Shamrock	Nat			87	+135	-27	216	94	+1180	-0,07	-0,04	-0,06	+57	+37	+48	+286	-17	+35	78	+484	100	98	98	105	105	97	100	81	97	99	104	95	98		
WWS	US 3006972816		Dorcy	Marsh	Nat			98	+135	+5	1347	99	+901	+0,13	-0,14	+0,13	+51	+18	+54	+197	+7	+35	96	+362	97	99	107	101	107	100	99	99	102	113	101	107			
Tot	UK 388380506653		Silver	Epic	Gnat			91	+135	-27	75	95	+801	-0,07	-0,10	-0,06	-35	-20	-31	+159	-30	-35	72	+308	104	103	103	100	104	103	101	85	104	103	107	99	105		
Tot	DE 0357640597		Ballisto	Shamrock	Gnat			87	+135	-27	165	94	+577	-0,30	+0,09	+0,03	-4	+29	+29	+119	+7	+35	78	+817	100	105	97	101	104	106	97	88	96	99	112	95	102		
Sem	CA 109319169		Lottomax	Mccutchen	Int			79	+135	+73	26	90	+1128	-0,01	-0,39	-0,01	+49	+0	+51	+118	+28	+13	70	+375	103	101	105	103	104	100	84	103	101	112	101	108			
Tot	NL 876752441		Platinum	Gold Chip	Nat			75	+135	+73	73	85	+582	-0,02	-0,11	+0,03	+23	+10	+29	+98	-5	-23	65	+465	109	102	101	97	103	93	100	73	101	102	104	100	103		
Sem	NL 106569025		Cangen Pinkman	Super	Planet	Gnat	2n		92	+135	+26	393	96	+1029	-0,26	-0,29	-0,42	+18	+7	+6	+68	+23	-20	86	+372	104	109	105	102	95	100	104	91	100	100	105	94	99	
CRV	NL 754797998		Delta Leader P	Rafter P RF	Ballisto	Gnat			77	+135	-7	22	86	+666	+0,49	+0,38	-0,03	+12	-8	-33	+44	+14	+12	69	+509	101	103	104	102	104	100	99	108	83	93	96	105	103	102
WWS	US 30109751213		Ocd Mccutchen	Observer	Nat			67	+134	-5	111	92	+1604	-0,45	-0,10	-0,02	+21	+45	+71	+250	+6	-1	77	+281	104	96	104	100	104	104	102	87	98	101	111	96	103		
WWS	US 3006989495		Mr. Ocd Robust Donatello	Roylane Socra	Planet	Int			88	+134	-75	67	93	+1173	-0,02	-0,13	-0,01	+52	+28	+53	+240	+24	+57	81	+304	99	102	102	99	103	104	100	89	96	97	102	96	97	
Sem	CA 107931151		Supersire	Snowman	Nat			82	+134	+0	62	89	+1490	-0,31	-0,16	+0,00	+31	+35	+68	+229	+20	+8	74	+376	101	101	99	99	101	97	99	87	103	103	104	99	103		
WWS	US 72850448		Webb-Vue Spark 2060	Supersire	Massey	Nat	2n		87	+133	-3	190	93	+2287	-0,57	-0,27	-0,07	+33	+49	+112	+304	+14	+25	75	+399	104	96	106	100	103	91	94	88	97	103	106	93	99	
ABS	US 3014558977		Wa-Del Abs Bourbon	Montross	Gabor	Nat			84	+133	+34	275	91	+1593	-0,46	-0,19	+0,14	+20	+36	+87	+216	+42	-2	75	+495	101	102	103	101	103	104	99	89	100	103	105	94	100	
MS	DK 04165406080		Svend	Snowfever Cd	Sterngold	Gnat			80	+133	+13	36	89	+942	-0,34	-0,10	+0,05	+7	+43	+88	+205	-33	+25	72	+355	104	96	100	102	100	105	100	82	95	98	105	104	103	
CRV	NL 934274522		Delta Magister	Whatsapp RF	Direct	Gnat			94	+133	-29	8722	96	+292	-0,07	+0,16	-0,06	+6	+25	+8	+118	-3	+19	86	+377	103	102	106	105	105	108	101	99	105	103	108	99	106	
Xs	DE 0357455239		Lars	Racer	Supersire	Nat			70	+132	-52	43	80	+1020	-0,11	-0,03	-0,03	+32	+33	+44	+216	+3	-14	63	+255	100	100	104	101	106	104	104	72	102	102	112	97	106	
CRV	NL 664478948		Zandenburg Fury	Balu	Danno	Gnat	Gn		93	+132	-29	591	89	+506	-0,03	+0,20	-0,12	+19	+36	+12	+191	-69	-16	73	+293	105	101	101	106	99	96	99	95	98	101	106	99	102	
Sem	US 72053382		Lady's Manor Durbin	Mccutchen	Goldwyn	Nat			92	+132	-19	411	97	+725	-0,12	+0,04	-0,05	+19	+29	+38	+170	-7	-5	88	+351	103	93	104	103	100	99	110	93	100	102	112	103	108	
Kam	NL 717343658		Elegaster Salero	Crickel	Mascol	Gnat			93	+132	-3	391	97	+1153	-0,57	-0,11	-0,08	-8	+29	+61	+120	+17	+17	89	+688	101	103	102	106	99	105	100	89	100	98	99	100	99	
Sem	US 71640112		L-L-M-Dairy President	Numero Uno	Million	Nat			86	+132	-12	98	93	+966	-0,23	-0,27	-0,2	+18	+7	+42	+79	+5	+36	79	+450	102	104	102	99	103	104	106	87	99	94	109	96	101	
GSI	DE 1500577636		Jentia	Jeeves	Goldwyn	Int			98	+132	-12	50	93	+1001	-0,38	-0,28	-0,01	+15	+3	+45	+70	-5	+33	80	+418	102	107	101	97	100	101	102	89	100	102	98	100		
Alt	US 69829747		Lone-Oak-Acres Altaroble	Mogul	Observer	Nat			91	+132	-16	341	97	+500	-0,18	-0,15	+0,15	+4	+3	+37	+32	-7	+18	85	+426	102	106	101	100	106	105	100	89	100	102	114	102	109	
ABS	US 68771366		Gold-N-Oaks Althea	Badger-Bluff Fa	Ramos	Nat			82	+131	+12	106	90	+1397	-0,26	-0,16	+0,03	+33	+32	+67	+221	+32	-19	78	-42	104	102	104	100	101	102	101	77	101	102	105	100	103	
WWS	US 3131992850		Leaninghouse Big Bubba	Jedi	Supersire	Nat			74	+131	-27	50	81	+772	-0,33	+0,16	-0,09	+1	+42	+44	+188	+50	-8	65	+408	101	105	105	104	109	101	100	80	101	103	109	90	100	
WWS	US 71667860		Matt-Dari Mogul Payton	Mogul	Man-O-Man	Nat			84	+131	-17	87	90	+359	-0,07	-0,01	+0,12	+9	+12	+27	+76	-5	+14	73	+275	106	105	103	101	108	102	99	81	100	101	109	99	104	
CRV	NL 606567303		Haafs Cashier	Danno	Snowfever Cd	Gnat			86	+130	-17	541	91	+726	-0,04	-0,08	+0,06	+35	+18	+39	+159	+15	+54	79	+87	108	98	101	101	101	97	98	95	96	94	110	102	104	
Alt	US 72395545		T-Spruce Altafake	Welcome Supe	Observer	Nat			86	+130	-30	129	93	+1463	-0,41	-0,29	-0,00	+20	+11	+67	+148	-40	+31	75	+228	105	104	103	100	102	102	98	80	96	99	108	95	100	
Bov	CA 109227869		Lactomont Lightning	Commander	Sargeant	Int			79	+129	-27	33	90	+1373	-0,21	-0,08	-0,01	+37	+40	+62	+260	+40	+14	61	+339	100	96	99	101	107	105	104	68	100	102	106	100	103	
ABS	US 71613233		De-Su 11737 Hatfield	Supersire	Roylane Socra	Nat			92	+129	-16	22	89	+1098	-0,43	-0,21	+0,00	+4	+7	+50	+99	-5	+5	72	+105	102	104	102	102	99	104	105	72	102	102	106	100	103	
WWS	US 7162593352		Edg Little Mogul 8246	D-Mason	Goldwyn	Nat			96	+129	-16	153	95	+1030	-0,14	-0,10	-0,05	+25	+25	+40	+103	+15	-1	75	+358	102	103	101	103	103	106	105	85	98	102	103	99	101	
ABS	US 3128557283		Ihg Abs Jericho Et	Josuper	Mogul	Nat			85	+128	-25	366	90	+460	-0,22	+0,09	+0,03	+40	+24	+24	+190	+46	-28	74	+230	100	102	102	100	110	107	104	88	102	105	105	101	105	
Tot	NL 844080017		Buiner Da Silva	Silver	Mayfield	N																																	

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

NV/Imelkdoel = 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

NV/dubbeldoel = 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

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	Cal	KA	MS	Kgh	Bt	F	T	U	B	Ext			
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	F&L	T			
Melkdoel Zwart																																						
Productie																																						
€																																						
€																																						
Functioneel																																						
Exterieur																																						
Sem CA 117488020	Donnandale Jucornewout		Epic	Planet	Gnat	91	+117	-20	318	97	+200	+0,05	+0,06	+0,10	+13	+12	+18	+82	-7	-14	85	+438	105	104	102	101	103	98	104	89	102	101	102	96	100	96	100	
CRV NL 590721134	Barnkamper Sylvester		Silver	Bookem	Gnat	88	+116	-20	541	93	+1806	-0,34	-0,16	+0,13	+40	+46	+96	+301	-22	-31	80	+108	101	99	102	96	105	100	95	97	104	103	111	96	105	100		
ABS US 74024987	Pine-Tree Firefly		Woodcrest Mop	Supersire	Nat	76	+116	+30	150	85	-367	+1,09	+0,43	-0,03	+77	+24	-19	+254	+47	+16	67	+236	102	96	103	113	106	101	100	83	103	104	103	99	103	100	100	
SZO IT 020990514352	Royal Jeeves Scolari		Jeeves	Goldwyn	Nat	90	+116	-38	458	95	+522	+0,11	+0,02	-0,25	+13	+26	+128	+43	+12	83	+303	106	103	99	107	105	100	101	92	97	98	105	92	97	100	100		
WWS US 3011538150	S-S-I Sterling Damaris		Sterling	Bookem	Nat	79	+116	-17	17	82	+591	-0,04	-0,03	-0,02	+21	+18	+55	+125	-10	+45	77	+507	102	101	102	99	102	99	101	78	90	97	106	95	97	100	100	
WWS US 3014334961	S-S-I Partyrock Profit		S-S-I Maurice F	Mogul	Nat	77	+116	-17	51	87	+197	+0,13	+0,12	-0,08	+20	+18	+16	+21	+15	+42	68	+457	101	100	106	103	106	104	98	82	94	98	110	98	102	100		
ABS US 58591946	Larcres Caballero		Mogul	Observer	Nat	82	+116	-20	66	87	+451	+0,36	+0,07	-0,03	+34	+8	+0	+104	-8	+25	79	+281	103	103	104	102	106	101	101	71	97	100	108	97	102	100		
Gex US 71753166	River-Bridge Co-Op Troy		Mogul	Badger-Bluff Fa	Nat	85	+116	+2	43	89	+166	+0,06	+0,06	+0,08	+12	+11	+15	+75	-8	+28	74	+590	99	104	103	103	105	104	101	86	99	102	106	98	102	100		
Ves IT 019509393890	New Farm Britt Prince		Britt	Bluff	Nat	98	+116	-3	70	99	+54	-0,04	-0,10	+0,05	-1	-7	+7	-29	+0	+55	99	+761	104	104	96	99	105	94	101	89	100	99	96	106	101	100		
Kam NL 860895332	Nik Superbow	RF	Badger-Bluff Fa	Gnat Gt	78	+116	-34	70	87	+97	-0,09	-0,02	-0,07	-12	-5	+2	-48	+6	+42	71	+522	107	105	100	100	100	95	100	81	98	103	109	103	100	100	100		
Alt NL 522740642	Mars Altafxman		San Fiorano Ste	O Man	Int	82	+115	-4	40	91	+816	+0,14	+0,16	+0,00	+48	+44	+37	+292	-9	-1	79	+109	100	100	100	105	102	103	99	89	104	100	102	97	101	100		
Mas DE 0358583047	Mytime		Mogul	Shottle	Gint	84	+115	+13	32	89	+1182	-0,09	-0,07	-0,10	+41	+34	+64	+245	+17	-1	74	+324	98	98	100	99	105	105	99	83	102	104	111	99	107	100		
CRV NL 948106260	Newhouse Skylift		G-Force	Goldwyn	Gnat	97	+115	+10	4376	99	+646	-0,01	+0,17	-0,05	+26	+39	+25	+222	+17	+14	94	+164	97	103	94	106	96	106	104	99	104	104	101	101	103	100		
WWS US 3009533223	Mr Ocd Epic Dragonheart		Epic	Planet	Int	86	+115	-20	84	91	+2236	-0,59	-0,45	-0,00	+30	+28	+102	+208	-30	+34	79	+249	100	101	98	103	101	104	99	87	101	101	108	97	103	100		
CRV NL 721720843	Peelsehoeve Bernini		Atlantic	Snowman	Gnat	98	+115	-5	5536	99	+497	+0,25	+0,09	-0,08	+44	+26	+15	+204	+16	-13	95	+13	101	102	106	101	99	101	102	99	103	102	101	100	102	100		
Bov US 3124720331	Seagull-Ray Charismatic		Catalyst	Mogul	Nat	75	+115	-7	35	82	+11	+49	-0,11	-0,16	+44	-9	+15	+60	-17	+46	64	+651	99	98	108	104	103	107	105	77	93	100	108	101	103	100		
CRV NL 878334760	A H Vitesse		Gravity	Jardin	Gnat	98	+114	-6	21555	99	+651	+0,18	+0,10	+0,02	+45	+32	+32	+235	+6	+12	99	-73	104	95	101	100	98	106	99	99	100	102	104	103	100	100		
WWS US 3014561968	Sandy-Valley Antares		Kingsbow	Mogul	Nat	57	+114	-26	32	77	+884	+0,10	+0,02	-0,01	+39	+26	+31	+198	+10	+36	69	-6	100	104	109	101	101	101	67	100	103	109	98	103	100	100		
Kam NL 639677471	T Brook No Claim		Twist	Jorryn	Nat	88	+114	-7	172	94	+58	+0,49	+0,19	+0,02	+40	+15	+31	+145	-9	+10	79	+262	105	103	103	103	105	102	96	98	103	101	109	105	103	100		
GJ DE 0581155657	Percy	RF	Perfect Alko	Snowman	Gnat	83	+114	-7	39	91	+289	+0,06	-0,02	-0,08	+18	+8	+6	+72	-5	-38	74	+330	104	102	101	98	102	103	104	86	101	105	101	106	105	100		
AWE US 69990227	De-Su Ransom		Roylane Socra	Ramro	Nat	93	+114	-13	1103	97	+199	+0,21	+0,10	+0,06	+10	-2	-4	+28	-24	+25	86	+572	99	106	106	106	107	108	103	107	96	104	105	100	100	102	100	
Sem US 73585633	Morningview Light		Kingbow	Número Uno	Nat	57	+113	-21	628	93	+902	+0,16	+0,00	-0,07	+24	+31	+34	+251	-20	-20	78	+204	97	103	110	98	104	103	108	93	103	102	106	91	100	100		
Sem US 71637328	Richmond-Fd El Bombero		Número Uno	Super	Nat	87	+113	-0	133	94	+1367	-0,07	-0,16	-0,17	+51	+31	+45	+248	+0	-17	80	+219	103	99	102	98	99	100	102	89	105	102	107	92	101	100		
GJL DE 0769582276	Snowboard		Snowman	Giber	Gnat	84	+113	-17	89	92	+1033	-0,10	-0,14	-0,05	+54	+22	+42	+216	-17	+24	76	+135	106	99	97	99	98	97	101	85	102	101	101	97	100	100		
Sem CA 11595003	Claynook Deductive		Número Uno	Planet	Nat	84	+113	-3	48	86	+1058	-0,12	-0,14	-0,06	+33	+23	+54	+180	-2	+46	82	+384	100	100	96	101	104	102	104	89	92	98	110	94	99	100		
CRV NL 694776043	Midvolder Goldmar		Goldwyn	O Man	Gnat	94	+113	-2	8136	99	+300	+0,23	+0,10	+0,11	+34	+20	+24	+161	+0	+25	99	+196	105	99	106	105	108	97	99	99	101	102	103	99	102	100		
Alt US 72395528	Melarry Altamatt		Número Uno	Explode	Int	85	+113	-7	19	91	+879	-0,06	-0,21	-0,00	+31	+10	+40	+118	-17	-13	77	+265	105	104	101	102	102	104	99	86	102	104	112	94	104	100		
Kam NL 738378123	Het Meer Penstete		Penley	Atwood	Gnat	78	+113	-4	59	87	+65	+0,18	+0,03	+0,03	+18	+5	+5	+60	-20	+43	70	+404	108	102	99	97	102	93	98	83	97	101	111	98	104	100		
ABS US 69791634	Morningview Liftoff		Rmw Armitage	Shottle	Nat	79	+112	-5	42	82	+1067	-0,04	-0,11	-0,10	+41	+26	+59	+210	+17	+4	76	+124	103	102	100	101	100	100	101	80	93	102	105	94	98	100		
Sem NL 932340101	Enforcer		General	O Man	Nat	89	+112	-2	84	95	+693	+0,05	-0,03	-0,04	+34	+21	+27	+166	-6	-1	84	+176	102	100	103	102	101	97	98	84	102	102	109	103	100			
WWS US 317245068	S-S-I Tossless Flagship		Supersire	Supersire	Nat	63	+112	-9	59	85	+652	-0,08	-0,02	-0,02	+35	+19	+19	+105	-17	+17	71	+358	103	103	103	103	103	101	97	97	105	101	109	105	103	100		
GJ FR 2934544535	Dizanto Et		Dorman	Dempsey	Gint	80	+112	-2	25	86	-172	+0,68	+0,16	-0,02	+52	-8	-10	+139	-14	+58	69	+163	109	99	99	100	101	95	101	81	101	102	115	98	107	100		
Mas DE 0355988713	Mozarella		Mogul	Destry	Gint	80	+112	-2	34	88	-117	+0,34	+0,12	+0,12	+25	+6	+5	+79	-17	+48	73	+360	101	102	107	101	102	109	100	83	99	103	113	99	107	100		
Kam NL 925177251	T-Brock Hader		Donnewall	Jorryn	Gnat	97	+112	-18	115	84	+118	+0,06	+0,13	-0,05	-8	+15	+5	+63	-10	+25	75	+368	100	103	102	101	108	95	104	84	98	99	100	105	102	100		
WWS US 71703339	Bacon-Hill Montross		Mogul	Bolton	Nat	94	+111	-7	812	98	+2172	-0,57	-0,24	-0,03	+29	+49	+103	+293	+17	+28	88	+324	96	101	103	100	108	107	98	97	100	101	106	90	98	100		
Sem CA 107359260	Comestral Lutrust		Sudan	Man-O-Man	Gint	88	+111	-57	147	94	+1116	+0,01	+0,07	+0,01	+48	+32	+52	+248	+50	+23	80	+91	99	100	98	99	95	99	100	92	101	101	104	100	103	100		
CRV NL 735055526	Delta Referee		Placid	Atlantic	Gnat	85	+111	-0	470	91	+400	+0,33	+0,08	-0,11	+47	+21	+48	+187	+63	+83	77	+455	102	100	103	97	101</											

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

NV/Imelkdoel = 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

NV/dubbeldoel = 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

KI Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	N	Bt	NVI	+/ -	dtrs	Bt	kgM	%V	%E	%L	kgV	kgF	kgL	INET	+/ -	BVK	Bt	Lvd	Ugh	Vru	Gin	Gab	KA	MS	Kgh	Bt	F	T	U	B	Ext		
AI Bullnummer	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/ -	daus	Rel	kgM	%F	%P	%L	kgV	kgF	kgL	INET	+/ -	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	IMS	CLW	Rel	F	T	U	B	Ext		
Melkdoel Zwart																																						
CRV NL 532128587	Capus Sunset		Diamond	Goldwyn	Gnat	98	+103	-3	3401	99	34	0,05	-0,00	-0,11	-8	-1	-48	-14	-3	+48	99	+372	106	106	103	100	106	102	104	99	91	94	107	94	97			
CRV US 70803531	Appealing H Copernicus		Shema Jeeves	Dolce	Gint	76	+103	-4	19	85	+1286	-0,82	-0,44	-0,05	-29	+0	+64	-42	-3	+20	68	+638	108	104	103	98	106	98	99	79	103	104	107	96	103			
CRV NL 538295350	Bouw Snouwever	CO	Snowman	Goldwyn	Gnat	99	+102	-10	18717	99	+772	+0,14	+0,00	+0,08	+46	+27	+43	+220	+8	+19	99	+131	99	97	101	100	103	104	99	99	103	100	105	104	106			
Tot DK 03372306015	Anderstrup Heavey		Massey	Snowman	Gnat	99	+102	-10	185	99	+1005	-0,11	-0,10	-0,00	-32	+21	+40	+167	+0	+10	81	+251	107	107	102	103	104	99	97	99	103	104	106	97	103			
Sem CA 12302930	Progeniss Fortune		Octoberfest	Tango	Nat	73	+102	-5	24	78	+843	-0,07	-0,09	+0,12	+29	+21	+50	+162	+40	-50	62	+88	102	105	106	100	102	99	99	77	100	103	110	93	102			
Dek NL 871458481	Kossinkhoeve Joscha		Massey	Altaiota	Gnat	81	+102	+10	56	90	+432	-0,10	-0,07	-0,12	-28	+9	+31	+05	+37	-20	73	+201	102	104	105	104	103	99	101	84	98	103	103	99	101			
Ves IT 034990462594	Spinal Prince Milito		Prince	O Man	Nat	89	+102	-8	372	95	+469	-0,05	-0,10	+0,09	+15	+7	+30	+48	-23	+16	82	+355	97	106	97	104	105	101	107	88	96	100	97	103	99			
Tot NL 925868619	Broeks Modicus		Mogul	Toystory	Nat	92	+101	-13	520	97	+1741	-0,31	-0,32	+0,13	-41	+27	+93	+225	+9	+16	87	+160	102	97	102	101	105	109	95	90	102	103	106	101	105			
CRV NL 727555328	Batenburg G. Stellendo	RF	Fidelity	O Man	Nat	90	+101	-14	43799	99	+314	-0,13	-0,13	-0,08	+17	+7	+149	+0	+0	+31	99	-46	94	105	104	101	105	104	109	99	99	100	95	110	102			
Tot CA 9608054	Bold V S G Anton		Epic	Man-O-Man	Nat	90	+101	+14	24	88	+1002	-0,32	-0,15	+0,07	+11	+20	+53	+121	+15	-42	74	+361	100	103	102	103	104	107	100	82	101	104	110	98	106			
Alt US 58912079	Melarry Altaflex		Altasuplex	Roylane Socra	Nat	80	+101	-17	40	82	+983	-0,23	-0,10	+0,09	-5	+4	+26	+14	-10	+11	77	+344	101	108	106	102	104	101	103	94	97	98	103	96	98			
Kam NL 724915581	Willems 'n Hovev Nudan		Penley	Sudan	Gnat	79	+100	-13	86	88	+1159	-0,32	-0,06	+0,00	+17	+34	+53	+191	-22	+14	70	+292	104	98	95	96	103	101	98	81	105	103	105	99	104			
Alt US 31723600817	Farnes Altafounder		Tango	Mogul	Nat	87	+100	-5	472	94	+803	-0,01	-0,02	-0,03	+36	+26	+34	+190	-7	+44	78	-58	96	104	105	100	102	109	101	89	93	95	108	96	99			
CRV NL 710409645	Bosgoed Legende		Legend	Jubland	Nat	98	+100	+14	2596	99	-71	+0,13	+0,28	+0,00	+8	+22	-3	+106	+0	+2	97	+44	100	108	100	104	94	99	104	98	98	98	104	95				
Sem CA 11696748	Stantons Entite	RF	Dymenholm S	Man-O-Man	Nat	80	+100	-25	33	88	+1107	-0,53	-0,27	-0,06	-6	+12	+45	+50	-19	+14	71	+286	95	105	101	107	98	99	107	84	95	100	106	104	104			
Tot US 70476887	Butterview Playball		Altaiota	Planet	Nat	77	+99	-7	22	85	+1025	-0,25	-0,06	+0,07	+19	+30	+54	+179	-7	-3	72	+104	102	103	104	103	97	102	99	82	102	104	100	98	100			
Tot CA 11696899	Stantons Capital Gain		Mccutchen	Observer	Nat	90	+98	-8	265	95	+1901	-0,29	-0,39	+0,12	+50	+24	+100	+233	-2	+25	80	+104	104	97	102	98	105	109	95	90	102	103	106	101	105			
Adv NL 765751469	Molenkamp Rita Moses		Montrose	Meridian	Gint	77	+98	-75	41	86	+1192	-0,16	-0,23	-0,03	+34	+18	+57	+162	-50	-13	69	+293	101	102	102	99	104	110	99	83	102	104	110	97	105			
AWE US 68767099	Morningview Marcelon Ch		Badger-Bluff Fa	Shuttle	Int	84	+98	+14	22	91	+1227	-0,28	-0,29	+0,00	-24	+13	+56	+121	+16	-8	72	+281	103	102	103	101	101	100	99	100	100	104	98	100	100			
Alt US 70346082	Mountfield Altamavin		Bookem	Shuttle	Int	79	+98	-13	18	90	+142	-0,13	-0,09	+0,01	+5	-13	-6	+45	+1	+9	62	+283	106	106	108	100	105	100	97	75	94	101	110	100	104			
Sam NL 492204847	Broeks Snow Way		Snowman	Shuttle	Nat	83	+97	-3	475	98	+1382	-0,29	-0,18	+0,05	+29	+30	+68	+204	+11	+43	91	+242	101	96	97	98	101	103	103	91	101	100	104	99	102			
Dek DE 0357545385	Jovan		Bailisto	Sudan	Gnat	78	+97	-40	36	87	+205	-0,17	-0,14	-0,01	+8	-3	-10	+30	-12	-27	70	+428	105	102	104	100	100	101	98	95	98	102	107	101	104			
WWS US 3013654627	Bacon-Hill Pety Modesty		Pety	Supersire	Nat	86	+97	+44	200	93	-161	+0,30	+0,01	+0,11	+19	-5	+2	+20	+9	+81	77	+113	99	104	110	103	99	110	101	92	88	91	111	100	101			
Alt US 3126822803	Peak Altar8		Camaro	Mogul	Nat	81	+97	+0	128	90	-149	+0,05	-0,11	+0,14	-2	-15	+5	-64	-4	-37	71	+598	104	104	104	104	101	95	104	104	78	100	105	112	100	101		
OBS DE 0357565192	Alban		Album	Beau	Gint	79	+96	-4	22	85	+645	-0,15	+0,04	+0,13	+13	+26	-42	+147	-15	-28	66	+58	104	104	104	103	102	101	100	90	104	104	107	93	102			
WWS US 3010660326	Siemers Mogul Pety		Mogul	Explode	Nat	86	+96	+19	141	90	+385	-0,04	-0,13	+0,09	+13	+1	+26	+39	+22	+37	82	+168	100	103	106	98	102	109	100	89	95	98	114	101	106			
WWS US 71592934	Lady-Manor Shakespeare		Epic	Shuttle	Nat	83	+95	-9	45	86	+854	-0,04	-0,08	-0,03	+40	+22	+36	+185	-7	-23	80	+144	101	100	103	96	101	102	99	81	102	103	110	97	105			
STG US 3125201935	Edg Defend Breaker 18191-Et	RF	Defender	Supersire	Int	75	+95	-48	23	90	+729	+0,01	+0,00	+0,00	+32	+25	+33	+180	-30	+13	63	+92	100	102	102	98	105	107	96	72	99	101	110	97	104			
Sem US 71302825	Mr Lookout P Enforcer		Facebook	Shuttle	Nat	79	+95	-6	22	85	+814	-0,21	-0,02	-0,04	+14	+26	+41	+148	-9	-26	70	+105	97	107	101	101	102	102	90	99	103	107	97	102				
Nov US 73191328	Buysse-Deerjack		Numero Uno	Mccutchen	Nat	76	+95	-2	67	93	+920	-0,06	-0,15	+0,13	+31	+8	+43	+144	+25	-40	73	+161	101	100	103	96	101	101	76	94	104	102	96	104				
OBS DE 035555500	Mogul		Mogul	Snowman	Nat	82	+95	-17	87	95	+510	-0,14	-0,12	-0,01	+28	+11	+30	+107	+3	-3	75	+118	101	107	102	101	104	109	100	82	103	103	112	103	106			
Tot NL 730406457	Broeks Topic		Epic	Badger-Bluff Fa	Nat	92	+95	-3	293	97	-131	-0,27	-0,07	+0,11	-29	-11	+4	+05	-2	-58	88	+602	106	106	105	99	106	105	104	89	105	104	109	100	107			
CRV NL 753113145	Quatro Patrick		Atlantic	Onedrin	Gnat	98	+94	-4	4070	99	+959	-0,36	-0,10	-0,16	+5	+24	+28	+117	+6	-6	97	+172	98	102	104	98	93	104	107	99	106	107	107	98	106			
Tot UK 3883000055	Whitcomb Kicker		Lumsome	Numero Uno	Gnat	95	+94	-12	154	95	+402	-0,05	-0,02	-0,07	+23	+12	+12	+99	-39	-1	74	+168	100	105	101	103	102	107	101	87	95	101	113	95	104			
WWS US 3009554422	S-S-I Tape Overbay		Pine-Tree Brian	Man-O-Man	Nat	75	+94	-23	20	82	+319	+0,04	-0,04	+0,03	+17	+7	+17	+70	-17	+33	77	+410	106	98	101	107	100	102	101	77	92	98	107	98	100			
Mas DE 03563422903	Goaway		Gold Chip	Man-O-Man	Gnat 2n	84	+94	-3	47	89	+1866	-0,71	-0,51	-0,16	+3	+10	+68	+68	-8	-14	73	+279	105	102	106	104	103	100	99	80	99	102	108	97	103			
CRV BE 110963615	Lowlands El Salvador		Sterngold	Ramos	Gnat	98	+94	-17	2137	99	+654	-0,31	+0,14	-0,08	-2	-11	-23	+56	-40	-1	97	+205	104	109	102	98	100	104	101	99	96	101	104	103	103			
Sem US 3128789229	Stantons Expander		High Octane	Numero Uno	Nat																																	

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

NV/Imelkdoel = 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

NV/dubbeldoel = 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

Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	KgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Gal	KA	MS	Kgh	Bt	F	T	U	B	Ext		
Ai	Bull number	Bull name	Her-fact	Sire	MGS	S	N	R	NVI	+/-		R	kgM	%F	%F	%L	kgV	kgE	kgL	INET	+/-	SCFM	R	Lvd	Ugh	Udh	Fur	Cin	DCE	Tem	MS	CLW	R	F	D	S	U	B	Ext
Melkdoel Zwart																																							
Tot	NL 92057671	William's-Hoeve W H Bally Chen		Mccutchen	Atwood	Gint	76	pnt																															
K&L	DK 0415640418	Bynke		Bismark	Bynke	Gint	76	+80	-5		21	87	+409	+0.28	-0.10	+0.06	+43	+5	+24	+118	-75	-5																	
Adv	NL 970146622	Ramon's Sunny Dream	BY	Rudolph	Ambition	Nat	98	+80	+5		3044	99	-589	-0.06	-0.11	-20	-26	-36	-159	+7	-3																		
K&L	NL 912534334	Barnkamper Marilyn Oklahoma 44		Surreale	Altaoa	Gint	91	+73	-9		352	96	+14	+0.45	+0.32	+0.07	+42	+21	+4	+173	-73	-29																	
K&L	NL 879217712	Barnkamper Marilyn Oklahoma 44		Altaoa	Bookem	Gnat	83	+79	-14		70	91	+632	-0.01	-0.07	+0.06	+26	+5	+35	+127	-32	-16																	
ABS	US 312557697	Abs Jonas		Silver	Tango	Nat	75	+79	-35		46	83	+377	-0.12	-0.10	+0.01	+27	+4	+18	+79	-36	-20																	
K&L	DK 00000253419	Delta Bombay		Mascot	O Man	Int	83	+79	-4		26	89	+215	-0.05	-0.07	+0.01	+5	+14	+9	+71	-35	-1																	
CRV	NL 523359223	Delta Persuader		Jardin	Shottle	Gnat	98	+79	-2		4033	99	-84	-0.12	-0.10	+0.05	+14	+6	-8	+7	-6	-7																	
CRV	NL 474825497	Delta Persuader		Mascot	Dustin	Gnat	98	+79	-3		16898	99	+69	-0.27	-0.02	+0.03	-21	+1	+5	-38	+7	-21																	
Adv	US 3125993676	Farnier-Bh 1st Grade		Altaistclass	Mccutchen	Nat	80	+79	+49		32	90	+438	-0.48	-0.40	+0.00	-11	-10	+38	+53	+26	-4																	
UK	388368709238	Meridian		Marifian	Mcc-O-Man	Gint	98	+79	+12		46	90	+1596	-0.50	-0.26	+0.08	+15	+28	+81	+11	+16	-1																	
UK	162038959	Hot-Air-Baraka Ete		Balisto	Altaoa	Gnat	83	+78	+12		102	91	+441	-0.18	-0.12	+0.01	+18	+1	+19	+15	-2	-19																	
Sem	US 142289925	Leaderwin Muscadet		Mogul	Jeeves	Nat	88	+78	-13		406	94	+581	-0.10	-0.02	+0.06	+15	+18	+21	+112	+40	-8																	
Sem	US 3124671689	View-Home Albania		Defender	Mccutchen	Int	82	+78	+9		33	91	+000	-0.30	-0.37	+0.01	+13	-2	+45	+3	+16	+7																	
Mas	NL 919137806	Vendary Lendery		Let It Snow	Bookem	Gnat 2n	88	+77	-27		149	93	+826	-0.01	+0.00	-0.02	+34	+29	+36	+201	-42	-40																	
UK	30065597597	No-Flia Altaoerglyde		Massey	O Man	Nat	97	+77	-10		3315	99	+113	+0.40	+0.17	+0.08	+41	+19	+12	+168	-12	-25																	
Alt	CA 11569683	Cedward Altaexchange		Mogul	Mcc-O-Man	Int	81	+77	-4		29	91	+1328	-0.48	-0.31	+0.01	+7	+15	+60	+94	-1	-10																	
UK	72667540	Aardema Altaexche		Supersire	Sherac	Nat	90	+76	-28		865	96	+557	-0.00	+0.06	-0.12	+24	+25	+37	+164	-37	-10																	
UK	880372082	Souhland Altaelcampo		Gold Chip	Mcc-O-Man	Int	78	+76	-6		21	91	+275	+0.31	-0.02	+0.01	+40	+8	+12	+120	-3	-14																	
Ves	IT 019990773631	Royal Iderva Mulligan		Planet	O Man	Nat	91	+76	-9		456	96	+214	-0.25	-0.15	+0.06	+14	-6	+15	-50	-17	-1																	
Sem	CA 1172946723	1st Grade 2n		1st Grade 2n	Altaoa	Gnat 2n	98	+75	-35		37	93	+376	-0.28	-0.27	+0.02	+53	+33	+35	+22	+15	-2																	
CRV	NL 520287674	Shottle Doberman		Berli	O Man	Gint	98	+75	-3		37	93	+376	-0.28	-0.27	+0.02	+53	+33	+35	+22	+15	-2																	
ABS	US 6198077	Coppertop Boverman		Shottle	Granger	Nat	98	+75	+4		3700	99	+542	-0.07	-0.02	+0.26	+30	+21	+49	+164	-2	+60																	
AWE	NL 882493602	Dastin		Daniello	Planet	Gnat	89	+75	+16		184	94	+408	-0.09	-0.00	+0.01	+9	+14	+18	+82	+16	+23																	
Mas	DE 0366223763	Filou Rdc	RF	Fanatic	Elburn	Gnat	91	+75	-7		187	96	+570	-0.41	-0.07	+0.13	-14	+13	+38	+35	-24	-18																	
AWE	UK 727942404011	Wittor Cruise		Altaioa	Planet	Nat	76	+74	-10		29	82	+360	-0.05	-0.05	+0.14	+11	+8	+29	+65	-9	-43																	
Tot	DE 0356687511	Chanel		Chevrolet	Bookem	Gint	79	+74	+11		21	87	+504	-0.23	-0.06	+0.01	+0	+12	+24	+56	+5	-7																	
Alt	US 701987512	Brandt-View Altaioa		Observer	Active	Int	85	+74	-2		33	92	+29	-0.16	-0.14	+0.00	-13	-11	+1	+72	-40	+35																	
Alt	US 3134384566	Butterfly View Altaioa		Monterey	Monterey	Int	73	+73	+7		36	86	+259	-0.15	+0.05	+0.01	+25	+14	+11	+11	+33	-10																	
CRV	NL 5208138629	Nevochou Altaioa		Berli	O Man	Gint	98	+73	-10		2162	99	+438	-0.23	-0.10	+0.01	+18	+1	+19	+15	+10	-17																	
ABS	DE 155205315	Plato		Plato	Mcc-O-Man	Gint	79	+72	-6		16	87	+846	-0.21	-0.04	+0.10	+16	+28	+68	+105	-21	-14																	
UK	31242720424	Seagull-Bay Str Kimball	RF	Silver	Numero Uno	Nat	83	+72	-22		150	90	+111	-0.35	-0.07	+0.08	-36	-2	+12	+71	-27	-4																	
Alt	US 690929308	Rosylane-Lic Altabowie		Bowser	Ramos	Nat	81	+72	-9		35	83	+1168	-0.56	-0.27	+0.01	-7	+14	+54	+59	-24	+22																	
Alt	US 10318513	Shottle Doberman		Olivia	O Man	Nat	75	+71	-10		34	82	+255	-0.11	-0.12	+0.01	+20	+18	+10	+123	-3	-8																	
Gem	US 69990052	De-Su Freddie Galois		Badger-Bluff Fa	Planet	Nat	93	+71	-4		365	97	+636	-0.05	-0.08	+0.02	+22	+15	+31	+117	+6	-28																	
Sem	CA 12379966	Propensie Takeoff		Elude	Altaoa	Gint	70	+70	-29		52	81	+031	-0.30	-0.18	+0.10	+14	+18	+57	+120	+43	-15																	
Mas	NL 737800276	Benwood P	PO	Balisto	Epic	Gint	82	+70	-8		49	87	+327	-0.00	+0.04	+0.07	+14	+5	+21	+97	-10	-8																	
Sem	US 140924704	Brandt-View Police		Gerard	Planet	Nat	87	+70	-16		104	91	+509	-0.16	-0.14	+0.12	+7	+5	+34	+45	+17	-28																	
CRV	NL 622918298	Belisto		Belisto	Planet	Gint	82	+70	-8		104	91	+509	-0.16	-0.14	+0.12	+7	+5	+34	+45	+17	-28																	
CRV	NL 522665852	Vicistia-Lic Fabio		Altaoa	Big Point	Gnat 8n	82	+69	-7		336	89	+135	-0.48	-0.12	+0.02	+44	+12	+0	+162	-34	-20																	
Dek	FR 2215667193	Ganche		Altaioa	Planet	Gint	85	+69	-1		45	93	+681	-0.16	-0.11	+0.18	+14	+13	+48	+97	-4	-27																	
K&L	FR 6413261080	Hendrix		Levi	Shottle	Gnat	80	+69	-15		27	88	+846	-0.45	-0.19	+0.05	-8	+11	+34	+39	-2	-20																	
Alt	US 66011447	Sully Altaameter		Planet	Shottle	Nat	98	+69	-9		2557	99	+940	-0.49	-0.28	+0.04	-8	+5	+47	+18	-2	+20																	
K&L	DK 0313602027	Dansire Shottle So	BY	Shottle	T Funkis	Nat	98	+69	-3		2861	99	-416	-0.22	+0.06	+0.02	+1	-9	-17	+40	-10	-1																	
WWS	US 7219077	Plain-Knoll Dora Bayonet		Donatello	Shamrock	Nat 2n	83	+68	-20		44	87	+1020	-0.28	-0.18	+0.12	+16	+18	+58	+125	-38	+25																	
WWS	US 68898032	Ladies-Manor Rd Grafeim	CO	Badger-Bluff Fa	Goldwyn	Int	90	+68	-13		55	94	+331	-0.27	-0.03	+0.00	+39	+9	+15	+123	-22	-21																	
K&M	NL 765126845	Gysenm Charityman		Snowman	Goldwyn	Gnat	97	+68	-20		1597	99	+1063	-0.22	-0.26	+0.00	+23	+11	+58	+111	-27	+21																	
ABS	NL 66666666	Alpha Expert PP	SP	Exploding Star	Kanu P	Nat n	88	+68	-6		19	98	+36	-0.08	-0.02	+0.01	+0	+8	-3	+5	-25	-8																	
ABS	NL 913953388	Shottle Doberman		Shottle	Gnat	94	+68	-3		6040	99	+34	+0.55	-0.03	+0.03	+1	+2	+4	+13	+13	-27	+55																	
Sem	US 70192466	Roylane Maynard		Bookem	O Man	Int	79	+67	-9		49	89	+673	-0.06	-0.02	+0.01	+34	+25	+30	+183	-20	-5																	
CRV	NL 384379291	Ponstar Shogun		O Man	Jesther	Nat	98																																

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

Ki		Stiername	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	CLW	Bt	F	T	U	A	B	Ext		
Ai		Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T			
Melkdoel Zwart																																								
Productie																																								
€																																								
Functioneel																																								
Exterieur																																								
DBS	DE	0358536891	Reinermans Rusfort Genial		Gennesis			Super	Gint	2n	78	+58	+78	28	87	+1051	0,38	-0,11	-0,05	+7	+26	+53	+137	+22	1	68	+354	98	98	91	97	93	103	102	80	98	102	106	99	102
Sem	CA	107567492	Croteau Lasperron Unik		Número Uno			Roneleo Toysto	Nat	2n	92	+58	+13	920	96	+896	-0,24	-0,28	+0,02	+15	+4	+43	+61	+13	+8	84	+61	97	103	106	103	104	102	102	95	103	99	113	95	105
Kam	NL	934271679	Jk. De Chiel		Troy			Fanatic	Gnat	77	+58	-15	59	87	-186	+0,14	+0,04	-0,01	+4	-3	-9	-7	-5	+60	67	+459	101	101	101	100	104	106	99	80	98	100	104	98	100	
CRV	NL	585959595	Delta Cupido		Wonder			Paramount	Gnat	98	+58	-2	5198	99	+104	0,38	0,00	+0,09	-36	-11	-3	-118	-3	1	99	+558	107	103	102	107	105	106	99	99	100	106	97	101		
Toe	NL	722821589	Hbc Snowman Justin		Snowman			Shottle	Nat	85	+57	+7	102	92	+1212	-0,28	-0,25	-0,01	+23	+17	+54	+134	-3	-14	77	+430	104	96	90	96	100	96	98	98	103	103	101	100	102	
Alt	US	57187059	Larcresst Altanowcrest		Snowman			Shottle	Nat	82	+56	-70	39	84	+928	-0,04	0,11	-0,07	-35	+22	+49	+178	+17	-28	81	+117	101	101	100	98	101	97	94	84	101	104	105	94	100	
Sem	US	73191154	Regancresst Milford-P	PO	Style P			Snowman	Nat	80	+56	-73	64	89	+531	-0,10	-0,08	-0,08	+13	+11	+19	+78	-13	+35	71	+83	99	101	101	103	96	101	102	86	99	95	107	97	101	
ABS	US	71592921	Lady's-Manor Graf La-Bron		Graffiti			Super	Nat	81	+56	-49	38	83	+369	+0,11	-0,17	-0,05	+26	-3	+12	+46	+9	+51	77	+282	102	101	102	93	100	107	101	86	100	103	103	96	99	
AWE	NL	539636079	Alyn Camara	BY	Snowman			Ramos	Gnat	83	+56	-70	92	89	+422	-0,13	-0,06	+0,00	+6	+7	+25	+49	-15	+11	72	+59	99	104	102	97	99	101	101	83	98	101	107	97	102	
GG	UK	312034240631	Key		Buckeye			Super	Gnat	84	+55	-71	34	89	+422	-0,13	-0,06	+0,00	+6	+7	+25	+49	-15	+11	72	+59	99	104	102	97	99	101	101	83	98	101	107	97	102	
Kam	NL	532355881	Gansey's Leonidas	RF	Goldwyn			Kian	Gnat	98	+55	+25	3479	99	+481	-0,03	+0,09	-0,05	+1	+11	-1	+47	+6	+26	96	+89	103	99	99	98	90	98	97	99	97	99	110	102	105	
Vek	NL	758117818	Veehorst Vekis Police		Main Event			Stol Joc	Nat	67	+55	+10	40	80	+514	-0,34	-0,06	-0,13	-10	+12	+36	+39	+19	+4	58	+366	103	99	96	98	101	103	54	99	101	106	100	103		
Sem	CA	104854291	Gen-Beg Brawler		Altabaxter			Shottle	Nat	98	+55	-2	7305	99	+185	-0,06	+0,01	-0,05	+2	+7	+13	+37	-2	+4	99	+305	100	103	103	96	106	101	95	99	103	101	106	98	103	
Sem	CA	107649545	Comestart Supersede		Supersonic			Man-O-Man	Int	82	+55	+12	29	90	+447	-0,25	-0,09	+0,00	+4	+7	+20	+26	+31	+7	75	+95	98	106	104	102	100	96	100	75	97	100	108	96	101	
Alt	US	3125475825	Peak Altaz28		Camaro			Roylane Socra	Nat	91	+55	-23	702	96	+176	-0,16	-0,05	-0,01	-7	+2	+9	-4	-14	-29	82	+604	95	100	104	95	105	110	103	92	101	105	107	103	106	
SZO	IT	033990287543	All Nure Secretariat		Número Uno			Altabaxter	Int	83	+55	-40	89	89	+100	-0,27	-0,11	-0,01	-20	-6	+4	+65	+56	-3	73	+232	102	105	104	94	105	107	101	83	102	102	111	98	106	
AWE	US	3011816338	Co-Op Avenger		Supersire			Super	Int	84	+55	+3	41	91	-321	+0,08	-0,08	+0,01	-7	-18	-14	-93	+13	-59	77	+339	104	110	103	101	105	101	85	101	107	107	94	102		
Adv	NL	761402145	Kira Baku		Brawler			Snowman	Gnat	79	+54	+0	30	88	+1324	-0,31	-0,17	-0,11	+25	+29	+49	+186	-3	-33	72	+157	100	99	99	101	101	97	87	108	102	103	96	102		
AWE	FR	2218592431	Hurion Isy		Sudan			Planet	Gnat 2n	84	+54	+0	53	89	+109	+0,27	+0,14	-0,07	+29	+16	+11	+130	+4	-39	73	+113	101	98	100	99	104	103	101	89	104	105	108	103	102	
Adv	NL	920393700	Hedde Pansal Kilo Et		Kingboy			Mogul	Gnat	80	+54	+7	65	89	+1210	-0,31	-0,26	+0,13	-3	+16	+68	+128	-36	-78	71	+138	101	101	103	91	97	100	103	84	105	106	108	92	102	
Mas	US	70348561	Originator		Co-Op D-Style C			Planet	Gint	80	+54	+0	16	86	+703	-0,34	-0,27	+0,00	-3	+3	+32	-1	+16	-29	69	+307	104	101	101	98	102	98	103	80	104	107	107	97	104	
SZO	IT	033990183210	Castelbello P Harcus		Planet			Shottle	Int	83	+54	+12	86	91	+536	-0,27	-0,23	-0,01	-3	+3	+24	-11	+10	-12	76	+518	103	102	98	100	105	102	98	76	96	104	104	98	100	
Dek	US	73241491	Larcresst Cranium		Altajackman			Talent	Gint	77	+54	+9	20	86	+528	+0,31	+0,05	-0,06	+3	-14	-29	-60	+10	-23	69	+286	108	104	94	92	101	95	99	81	103	104	108	99	105	
SZO	IT	018990120740	Cabri End-Stor-Valter	RF	O-Man Story			Talent	Int	72	+52	-2	20	86	+800	+0,18	-0,00	-0,01	+51	+28	+36	+233	-4	+36	62	+67	99	98	98	97	101	102	67	94	100	93	94	91		
Sam	NL	871724421	Weggehorst Rebel		Leko			Shogun Ps	Nat	83	+52	+18	148	91	+913	-0,37	-0,31	-0,08	+3	+2	+34	+25	+47	-6	74	+267	103	102	107	103	99	98	101	74	96	98	91	99	93	
Bov	US	73635913	Roylane-Kh Tango Reggie		Tango			Epic	Nat	71	+51	-22	58	84	+886	-0,11	-0,09	+0,07	+27	+22	+47	+161	-30	+40	63	+21	98	100	101	96	107	105	73	103	102	110	93	103		
Kam	NL	743582931	Eastland Bentley		Ballisto			Paramount	Gnat	85	+51	-38	147	93	+543	-0,21	+0,03	-0,01	+3	+22	+24	+104	-43	+32	76	+292	103	98	94	96	102	97	95	86	95	99	108	96	101	
Mas	NL	526586963	Mowambo		Moscow			Goldwyn	Int	86	+51	-27	26	92	+1285	-0,64	-0,36	-0,01	-10	-8	+58	+29	+17	+32	77	+283	102	103	95	101	95	102	95	87	96	96	106	98	100	
WBS	FI	0072887028	Manttynen Rakuuna		T Lambada			Goldfinger	Int	89	+51	-2	44	94	+220	-0,16	-0,10	-0,00	-5	-1	+10	-12	+0	+56	82	+315	104	103	100	106	103	103	96	85	90	93	101	97	95	
ABS	US	68718397	Pine-Tree Riccardo		O'Man			Shottle	Nat	89	+50	+27	107	93	+287	-0,30	-0,15	-0,01	+24	+30	+58	+191	+13	+1	84	+50	95	104	106	94	108	105	101	90	101	100	106	95	102	
Kam	NL	459955555	De Vries Kerkus		Shottle			Emerson	Nat	87	+50	-17	2283	99	+255	-0,13	-0,10	-0,23	-3	+10	+12	+53	-13	+37	97	+201	104	104	107	101	101	97	89	100	101	104	99	102		
Ves	IT	019990749294	Pirola Planet Mufasa		Planet			O'Man	Nat	93	+49	-16	943	97	+47	-0,10	-0,01	+0,12	-11	+4	+8	-37	-17	+10	87	+362	103	102	102	101	106	99	101	94	100	99	100	100		
Sem	US	70358061	Sandy-Valley Saloon		Altaiota			Planet	Nat	89	+47	-19	209	95	+1633	-0,26	-0,14	-0,02	+42	+22	+72	+282	-15	-24	82	+249	93	101	103	97	100	106	97	89	99	104	104	95	100	
CRV	NL	717373535	Biggeststar Fickman		Shottle			Goldwyn	Gnat	98	+47	-3	5886	99	+301	+0,45	+0,25	-0,13	+26	-11	-1	+109	+1	+6	96	+188	103	107	106	104	101	101	102	99	109	105	95	90	96	
Kam	NL	660281847	Poppe Ferdi		Boss			Danillo	Gnat	93	+47	-6	906	97	+77	-0,05	+0,14	+0,05	-1	+18	+48	+62	+0	-22	86	+74	101	101	101	98	94	96	99	95	105	102	105	104	107	100
CRV	NL	431822727	Delta Malaga		Jordan			Jacko	Gnat	98	+46	+5	3182	99	+1012	-0,51	-0,17	-0,04	-7	+15	+42	+72	+0	-61	99	+642	98	96	103	105	102	102	97	99	105	100	100	97	97	
WBS	FI	137804641	Cordes-Mal Stoneywall		Shottle			Durham	Nat	98	+46	-1	9429	99	+240	+0,08	+0,04	+0,13	-8	-5	+0	+33	+0	-29	99	+52	102	108	102	99	106	92	98	99	104	102	100	100		
AVS	US	140726563	Wyns Wyns Gold Chip		Goldwyn			Shottle	Nat	96	+46	+6	76	91	+99	-0,24	-0,19	-0,01	-1	-2	+1	+10	-1	-29	99	+101	103	103	100	106	103	103	96	99	102	101	101	101		
Mas	NL	887310414	Topsged Regien	RF	Mail			Stadel	Int	82	+45	-16	438	97	+568	-0,13	-0,01	-0,00	+23	-10	+12	+93	-10	-9	85	+238	10													

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

April 2021

IG	Stiernummer	Stiernaam	Er-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Rel	kgM	%V	%E	%L	kgV	kgE	Kg/L	INET	+/-	BVK	Rel	Lvd	Ugh	Vru	Gin	Cab	KA	MS	Kgh	Rel	F	T	U	B	Ext			
AI	Bul number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	Rel	kgM	%F	%F	%L	kgV	kgP	Kg/L	INET	+/-	SFCM	Rel	Lvd	Ugh	Udh	Fru	Gin	Cab	DOE	Tem	MS	CLW	Rel	F	D	S	U	F&L	T	
Melkduid Zwart																																								
Productie																																								
€																																								
€																																								
Functieeel																																								
Exterieur																																								
CRV	NL 294753949	Delta Linfield		Addison				Gnat	99	+13	-	15845	99	-69	+0.01	+0.00	-0.14	-2	-2	+9	-10	-	-142	99	-161	100	100	104	98	94	101	103	99	103	102	95	103	101	101	
CRV	US 300054040	Cookie's Mom Mom		M Man-O-Man				Shottle	98	+12	+	2549	98	-54	-0.12	-0.03	+0.11	+12	+15	+35	+10	-	-46	99	-105	100	100	100	100	100	100	100	100	100	100	100	100	100	100	101
NL	544423382	Wespaalher Complete		Jammer					86	+12	+	236					-0.15	+21	+0	+45	+50	-	-23	-9	-19	101	102	101	98	101	98	101	97	86	101	103	100	101		
ABS	NL 5434211220853	Bullwaghalen Oval Polo		O Man				Gnat	99	+11	-	2595	99	-105	-0.18	-0.12	-0.03	-25	+34	+4	+164	-	-48	-36	-31	99	100	101	107	97	102	102	95	103	106	95	85	93		
Ves	NL 746035111	Farmers Wish Wag, Madiba		D Mason				Active	Nat	93	+11	-	748	98	-50	-0.27	+0.15	-0.02	+26	-5	-25	-27	+44	88	+218	99	99	101	104	103	108	98	90	95	96	99	97	96		
Sam	NL 927185899	Big Sentaro		Shogun Ps				Jorryn	Nat	94	+11	-	603	98	-362	-0.03	-0.07	-0.01	-13	-7	-17	-61	+12	-11	90	+43	105	102	101	100	102	97	102	91	100	101	103	96	101	
CRV	NL 227347061	Hidden Future		Ronald				Celstus	Gnat	98	+10	-	21369	99	-382	+0.12	-0.07	-0.03	-6	-7	-15	-46	-	-36	98	-41	+106	100	102	99	88	93	99	98	93	94	93	102	94	
Sam	NL 762070183	Big Clyde		Big Winner				Jorryn	Nat	2n	94	+10	-34	737	98	-1051	-0.55	-0.17	-0.23	-2	-23	-66	-118	-3	-7	88	+24	98	104	105	98	100	95	104	92	95	100	106	106	
Ves	FR 4952815479	O Man End Story		O Man				Jocko	Gnat	97	-9	+	1648	99	+1032	-0.26	+0.14	+0.00	-18	+22	+47	+142	-2	-13	96	-170	97	101	100	96	101	97	102	99	102	103	98	93	92	
CRV	NL 970118312	Art-Acres Win 395		Winchester				Star Patron	Gnat	98	-9	+	12475	99	+1194	-0.33	-0.25	-0.20	+18	+16	+34	+114	-0	-31	99	-73	92	101	104	104	103	99	99	99	97	101	92	105	98	
GGI	DE 0349789696	Lonar		Laudan				Design	Nat	98	-9	+	2409	99	-102	-0.12	-0.06	-0.06	-15	-9	-10	-71	-0	+55	97	+308	103	103	97	99	92	103	101	101	99	91	94	97	93	91
ABS	US 135695137	War Del Hayden		O Man				Mtoto	Nat	98	-7	+	1843	99	+512	-0.21	-0.30	+0.08	+2	-10	+31	-28	-3	-24	-97	+203	108	99	92	99	96	96	93	97	99	98	103	102	99	100
WWS	US 101083609	Li-Drew Dempsey		Goldwyn				Merry	Nat	98	+7	+	1559	99	-325	-0.17	-0.06	-0.08	+1	-6	-22	-29	-3	-25	96	-101	106	102	100	98	95	100	95	99	98	104	107	98	104	
Ves	IT 019990019894	Wendy Colby Palmer		Goldwyn				O Man	Gnat	98	+6	+	4878	99	+316	-0.13	-0.01	+0.23	+13	+14	+54	+9	-121	96	-121	96	104	103	98	94	102	93	102	98	96	97	98	98	101	
CRI	NL 970170196	Welcome O Man Palmer Cri-ET		O Man				Aaron	Nat	98	+5	+	2788	99	+350	-0.07	-0.07	-0.02	-1	-19	+14	-80	-7	-9	6	-100	102	98	92	103	93	98	99	97	103	101	98	99		
CRV	NL 525056367	Delta Blawie		Bertli				Goldwyn	Nat	98	+4	-	4388	99	-302	-0.15	-0.15	-0.06	+17	+24	+8	+137	-0	-4	96	-76	108	93	97	95	98	105	99	96	96	98	102	93	96	
Sam	NL 641090301	Grashock Moneymaker		Maik				Albitorix	Nat	98	+4	+	448	98	-164	-0.20	-0.04	+0.03	+25	-9	+5	-91	-0	+12	89	-30	96	102	96	97	102	96	98	91	96	100	98	97	96	
CRV	NL 355478033	Beekmanshoe Bertli		Willis				Gnat	98	-2	+	28976	99	+317	-0.02	-0.12	-0.08	+12	+22	+7	+118	-0	-14	99	-267	101	99	99	97	96	101	99	99	99	104	98	97	98		
K&L	UK 000000253208	Van Strong		Stu-Joe				Stu-Joe	Nat	97	-2	-19	2261	99	-250	-0.01	-0.22	-0.08	-5	+10	-7	-33	-75	-36	-56	-2	104	100	100	101	106	98	100	99	107	102	97	95	101	
Sam	NL 970163778	Braedale Goldwyn		Stu-Joe				O Man	Nat	97	-2	+	2664	99	-172	+0.16	-0.01	-0.02	+7	-7	-10	-17	-0	+23	99	-127	103	100	102	101	95	102	99	99	96	99	109	95	101	
CRV	NL 372317917	Delta Barclay		Lord Bailey				Welster	Gnat	98	-1	+	1690	99	+103	-0.12	-0.02	+0.01	+15	+5	+6	+54	-0	+55	97	-179	102	97	104	103	98	95	99	90	96	94	96	101	96	
Toe	NL 761242914	Keyenberg Lifetime		Mavid				Lonar	Nat	91	-1	+	341	96	-182	-0.03	-0.01	+0.10	+5	+5	+17	+36	+17	+49	84	+238	104	98	84	98	100	100	99	90	96	94	98	96	95	
ABS	UK 93008964736	Arads Proclaimar		Mogul				M Man-O-Man	Nat	91	-1	+	367	96	-155	+0.54	+0.21	+0.08	+40	+13	+0	+137	+2	-84	83	-91	90	94	94	99	95	97	103	100	91	100	102	110	98	105
Kam	NL 549852661	Heuvel Sana		Maik				Cello	Gnat	98	-1	+	1052	99	-259	-0.16	+0.06	-0.05	+3	-4	-16	-15	+13	-3	-94	-462	99	101	97	98	98	97	99	94	93	100	106	99	101	
Kam	NL 758733786	Danshot		Domitio				Shottle	Gnat	97	-9	-73	583	99	-71	-0.02	-0.00	+0.23	-2	+10	+2	-73	-8	-36	-23	-38	97	98	97	98	97	98	97	98	97	98	97	98	108	
Sam	NL 721408536	Maik		Maik				Bonatus	Nat	92	-12	+	87	1	-1	-0.09	-0.08	-7	-2	-2	-2	-73	-8	-48	8	167	97	100	103	100	102	97	99	88	103	104	94	100	98	
Ves	IT 017960676878	Aquila Jeeves Bagolino		Jeeves				Stormatic	Nat	96	-13	+	1794	99	-384	-0.46	-0.20	-0.05	-55	-30	-22	-245	-17	+1	+33	+63	104	104	96	90	100	98	99	97	102	100	100	99	100	
Sam	NL 693625589	Rohorst Pioneering		Malando				O Man	Nat	86	-15	-3	120	93	-793	-0.65	-0.27	-0.04	+19	-6	-33	-5	-36	80	-328	99	104	96	98	99	98	104	75	105	104	98	99	101		
Alt	US 69522869	Hendel Altbecker		Bowser				Shottle	Nat	84	-17	+13	72	89	-580	-0.32	-0.14	-0.02	-6	+7	+25	+24	-5	+7	82	-70	97	103	101	100	101	105	96	94	96	103	92	96		
Ves	IT 024990274239	Campogallo Zamagni		Super				Active	Nat	91	-19	-27	1131	95	-396	-0.03	-0.06	+0.03	+14	+8	+21	+69	-67	-16	84	-49	101	95	104	98	92	101	99	94	100	107	92	100		
WWS	CA 7525585	Poi Butte Mc Beemer		Micheltien				Goldwyn	Nat	90	-29	-3	333	95	-832	-0.24	-0.25	-0.11	+4	-2	-39	-12	-30	-5	81	-57	93	95	105	108	106	111	104	95	100	95	113	98	106	
Ves	NL 695320074	Wegghelhorst The Answer		Lonar				Northern	Nat	96	-30	-11	1247	99	-274	+0.12	-0.08	-0.12	-1	-3	-23	-21	-7	+36	94	-104	98	100	94	98	91	100	102	94	96	98	92	102	95	
Sam	NL 879566205	Jimm. Holstein Mr. Winner		Big Winner				Shottle	Nat	89	-39	-11	342	95	+503	-0.42	-0.21	-0.11	-18	-2	+13	-42	-7	+31	81	-194	98	97	94	96	102	101	98	85	94	97	100	100	98	
Toe	NL 716258904	Lv Btb Productio		Level				Prince	Nat	2n	80	-40	+	217	88	-619	-0.16	-0.08	-0.01	-13	-15	-29	-98	-6	-118	-71	-487	103	100	103	101	97	99	97	80	97	98	95	96	94
Sam	NL 871618940	Beze Maakman		Maik				Survivor	Nat	95	-49	-16	1212	99	-500	+0.28	+0.15	-0.04	-42	-5	-26	-24	-11	-22	91	-482	96	102	88	97	99	106	99	94	99	104	100	97	99	
CRV	NL 598496779	De Bieschevel Barrack		Jackland				Bolton	Gnat	96	-57	-14	133	99	-429	-0.12	-0.03	-0.03	-19	-8	-2	-1	-5	-25	81	-270	103	103	100	100	103	105	96	95	98	95	97	94		
Sam	NL 533615268	De Bieschevel Hrie		Jackland				Bolton	Gnat	96	-57	-14	133	99	-429	-0.12	-0.03	-0.03	-19	-8	-2	-1	-5	-25	81	-270	103	103	100	100	103	105	96	95	98	95	97	94		
WWS	US 141123484	Scientific B Defiant		Braxton				Goldwyn	Nat	89	-74	-3	230	95	-154	-0.52	-0.30	-0.01	-40	-22	-48	-172	-13	-2	82	-199	98	100	103	92	108	105	102	92	99	99	109	98	103	
Sam	NL 533851708	Heuvel Vertongens		Lucrative				Paramount	Nat	92	-95	-11	523	97	-661	-0.33	-0.11	-0.01	-34	-22	+29	+93	-13	-13	87	-356	94	94	100	96	103	100	95	91	102	103	94	97	96	
Sam	CA 11775598	Wainutawa Solomn		Doormann				Lavanguardia	Nat	90	-101	-21	539	96	-365	-0.10	-0.11	-0.11	-42	-22	-7	-143	-75	-70	82	-368	100	103	104	98	108	102	91	95	105	98	114	93	105	
SZO	IT 019990815781	Go-Farm Royal Eudon		Million				Shottle	Nat	89	-104	-24	246	94</																										