

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

NVImelkdoel = 0,4*Inet +0,08*ldv +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*ldv +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont genomisch zonder dochters

April 2022

Ki	Stiernummer	Stierindex	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	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						
AI	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgI	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T						
Melkdoel Zwart											pnt	Productie										€	€	Functioneel										Exterieur									
CRV	NL 577410163	Delta Warren P	RF PO	Warmond P Rf	Nobel	Gfw		57	+425	n	0	69	+2535	-0,11	+0,09	-0,04	+95	+98	+111	+635	n	+47	52	+543	105	108	103	103	99	98	109	69	99	101	106	104	105						
CRV	NL 612816406	Midwolder Unlimited		Rioaveso	Magnet	Gfw		57	+421	n	0	69	+3126	-0,26	+0,02	-0,03	+101	+111	+139	+709	n	+19	52	+960	105	99	104	100	100	96	109	69	104	104	109	104	109						
CRV	NL 629932290	Delta Flagstone		Topstone	Relevant	Gfw		58	+409	+17	0	70	+1769	+0,44	+0,16	+0,04	+122	+79	+85	+606	+8	+22	54	+776	106	104	106	100	100	101	107	70	102	101	109	105	108						
CRV	NL 734970583	Delta Dolmen		Relevant	Gfw			58	+398	+16	0	70	+1984	+0,38	-0,12	-0,04	+125	+82	+86	+625	+3	+13	54	+785	105	103	107	99	102	104	107	70	101	102	107	105	107						
Tot	DE 0362052128	Sunrise		Superfly	Rio	Gfw		57	+393	+26	0	69	+2628	-0,06	-0,14	+0,02	+105	+75	+122	+565	+18	+42	51	+838	107	105	109	106	103	103	105	69	97	101	109	95	101						
IT	033990585217	All Nure Wendat		Einstein	Padawan	Gfw		57	+388	n	0	70	+2591	-0,13	+0,04	+0,01	+95	+95	+120	+625	+195	+8	51	+766	105	105	105	103	104	100	104	69	105	102	108	101	107						
CRV	NL 941473834	Delta Coach		Nippon P	Releaser	Gfw		58	+375	-4	0	69	+1957	-0,17	+0,14	+0,00	+85	+83	+89	+504	+4	-2	52	+810	106	108	104	101	100	100	107	70	103	104	110	105	109						
CRV	BE 614585753	Delta Jamai		Crownmax	Relevant	Gfw		58	+375	+27	0	70	+1361	+0,41	+0,15	+0,01	+100	+63	+63	+487	+28	+52	53	+850	105	103	106	103	104	102	109	70	96	97	109	105	106						
CRV	NL 894523726	Delta Vulcano P	PO	Nippon P	Trust	Gfw		57	+372	-13	0	69	+1281	+0,25	+0,38	+0,00	+80	+83	+58	+526	-11	+6	52	+678	107	105	105	100	103	101	108	70	103	102	104	106	107						
CRV	NL 642034872	Delta Fast Lane		Remington	Lustrum	Gfw		58	+372	+16	0	69	+1188	+0,52	+0,25	-0,03	+103	+66	+51	+602	+27	+44	53	+624	104	108	107	104	103	98	108	70	102	104	110	110	112						
CRV	NL 573486425	Delta Kleid		Starmaker	Ranger	Gfw		58	+365	n	0	70	+1271	+0,17	+0,08	+0,02	+71	+50	+60	+372	n	+13	54	+731	107	108	105	105	102	102	109	70	105	104	108	111	112						
DE	000541082276	Barrel		Best Benz	Padawan	Gfw		57	+363	+13	0	69	+2120	-0,25	+0,08	+0,03	+62	+82	+100	+486	+17	+43	51	+833	103	106	104	101	98	100	105	69	97	101	108	104	106						
Mas	DE 0362071926	Who Bellini Et		Bellroy	Blumenfeld Jed	Gfw		57	+363	+13	0	69	+1405	+0,06	+0,17	+0,08	+66	+66	+72	+431	+3	+8	51	+807	106	108	105	103	100	95	107	69	98	101	108	105	106						
CRV	NL 585770710	Delta Wizard	RF	Endless Rf	Mangrove	Gfw		57	+362	n	0	69	+1575	+0,25	+0,15	+0,03	+93	+70	+75	+505	n	-5	52	+707	105	107	106	104	100	97	108	70	103	103	103	105	106						
NL	740221264	Poppe 3star Manpower		Manhattan	Durable	Gfw		56	+361	n	0	68	+1834	+0,19	+0,10	+0,00	+98	+75	+84	+539	n	+52	50	+788	106	103	104	105	104	103	104	69	95	98	110	98	102						
CRV	NL 943080820	Delta Bonprix P	PO	Nippon P	Don	Gfw		58	+359	+20	0	70	+954	+0,57	+0,39	-0,04	+96	+71	+40	+505	+3	-30	53	+702	107	105	105	103	108	101	108	70	106	105	111	103	110						
CRV	DE 0667512345	Rzh Hvertz	RF	Altahothand	Rubi-Asp	Gfw		60	+358	+16	0	72	+2921	-0,18	-0,06	+0,02	+103	+95	+136	+647	+25	+40	54	+600	103	101	106	100	100	96	104	71	99	100	105	102	103						
DE	000362572632	Hilton		Husky	Supreme	Gfw		60	+356	+3	0	71	+1553	+0,28	+0,12	+0,01	+95	+66	+72	+492	+11	+33	53	+424	108	105	99	100	105	96	104	71	90	97	110	99	101						
GGI	DE 0123927175	Kax Bestseller		Best Benz	Skywalker	Gfw		57	+356	+6	0	69	+1400	+0,30	+0,15	+0,13	+90	+64	+77	+475	+13	+36	51	+795	105	106	108	103	105	105	103	69	97	102	110	100	105						
CRV	NL 605074718	Delta Endless	RF	Jacuzzi	Finder	Gfw		62	+354	-4	0	71	+1008	+0,79	+0,22	+0,06	+121	+57	+52	+503	-13	+10	59	+599	106	104	108	105	100	99	108	73	102	103	104	106	106						
NL	685504000	3star Bb Clyde		Best Benz	Keith	Gfw		57	+353	n	0	69	+2140	-0,13	+0,01	+0,04	+76	+76	+102	+502	+96	+56	52	+776	104	104	103	103	104	102	105	69	98	100	108	103	105						
CRV	NL 649991095	Delta Steward		Remington	Rush Hour Cd	Gfw		58	+352	+27	0	70	+1216	+0,39	+0,27	+0,02	+91	+69	+58	+491	+18	+25	53	+614	105	105	105	105	104	102	108	70	101	101	106	105	106						
DE	000541318407	Surprise		Superfly	Imax	Gfw		56	+351	+14	0	68	+2145	+0,14	-0,08	+0,02	+106	+66	+100	+523	-6	+52	51	+909	105	101	104	105	104	104	106	69	95	100	110	98	103						
NL	749006677	3star Bb Chili		Best Benz	Keith	Gfw		57	+350	+16	0	69	+2306	-0,16	+0,01	+0,10	+80	+81	+116	+535	+19	+49	52	+859	105	102	102	104	102	98	104	69	100	101	105	103	104						
Mas	DE 0361838685	Rioaveso		Rio	Bandares	Gfw		61	+350	-7	0	71	+1855	+0,11	-0,07	-0,03	+90	+72	+82	+509	+8	-10	55	+721	103	107	108	99	102	98	105	71	104	105	107	103	107						
K&L	US 3213001132	Peak Rainow		Altazazzle	Gfw			57	+349	+14	0	69	+1699	+0,66	+0,06	+0,00	+142	+65	+78	+588	+2	-6	50	+612	100	107	108	104	102	105	106	69	93	98	107	99	101						
Mas	DE 1262563317	Rbb Crowntown Et		Crownmax	Rio	Gfw		57	+348	+5	0	69	+2007	+0,03	+0,01	-0,02	+88	+71	+89	+503	+0	+27	51	+696	103	106	105	109	103	98	107	69	100	101	106	102	104						
DE	000363131878	Vh Theodan		Topstone	Benz	Gfw		58	+348	+8	0	69	+1455	+0,25	-0,07	-0,07	+87	+58	+74	+443	+1	+31	53	+752	104	108	109	103	101	101	108	69	98	100	105	101	103						
DE	000362520475	Chagall		Calvin	Merryguy	Gfw		57	+348	+6	0	69	+1565	+0,04	+0,07	+0,01	+71	+62	+73	+425	-14	+20	52	+764	104	108	106	107	100	101	107	69	97	101	105	105	105						
CRV	NL 57767836	Delta Romero		Best Benz	Mustang	Gfw		58	+348	n	0	70	+1791	-0,23	+0,06	+0,13	+52	+69	+96	+421	n	-19	52	+883	105	108	108	105	105	100	106	69	102	105	108	103	107						
DE	0363899061	Muh Peter		Pikachu	Prosperous	Gfw		57	+346	n	0	69	+3095	-0,30	-0,15	+0,03	+96	+90	+145	+614	-7	-17	51	+749	106	100	105	101	106	100	106	69	102	105	107	98	105						
CRV	NL 716113449	Midwolder Mansion		Martin	Simba	Gfw		59	+346	+18	0	70	+1820	-0,08	+0,01	+0,01	+86	+68	+84	+485	+5	+34	54	+648	104	105	104	102	103	101	107	70	98	101	105	106	105						
Tot	DE 0362537676	Theodor		Timberlake	All Star	Gfw		59	+346	+16	0	71	+2287	-0,24	-0,10	+0,02	+70	+69	+107	+462	+12	+24	52	+798	106	105	102	105	102	97	105	71	98	102	113	100	107						
CRV	NL 717184112	Delta Starmate		Lawrence	Ranger	Gfw		59	+346	n	0	70	+882	+0,37	+0,27	+0,03	+73	+57	+43	+400	n	-5	54	+731	105	105	106	100	101	99	110	70	102	103	112	109	112						
ES	9405183913	Delto G-Gorch Senleiro Et		Goodlife	Swift	Gfw		57	+345	n	0	69	+2282	-0,02	+0,01	-0,02	+94	+80	+102	+556	n	+24	51	+596	103	104	104	105	102	100	105	69	96	100	108	103	105						
CRV	NL 632593923	Delta Limbic		Fisherman	Rush Hour Cd	Gfw		59	+345	+21	0	70	+1340	+0,10	+0,21	+0,02	+67	+68	+63	+438	+28	-1	53	+815	109	103	105	101	105	96	106	71	103	102	106	107	108						
CRV	NL 737504587	Delta Lixor		Nippon P	Rush Hour Cd	Gfw		58	+344	+2	0	70	+732	+0,56	+0,43	-0,05	+85	+67	+29	+462	+7	-8	53	+790	107	108	103	105	103	104	108	70	104	105	109	106	110						
CRV	NL 549118804	Koepon Reformer		Calvin	Keith	Gfw		57	+343	+10	0	69	+2377	-0,11	+0,13	+0,02	+88	+97	+111																								

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

NVImelkdoel = 0,4*Inet +0,08*ldv +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*ldv +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont gemischd zonder dochters

April 2022

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	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																																										
										pnt	Productie										€	€	Functioneel										Exterieur									
CRV	DE 0124244711	Agh Ripley	RF	Radar	Gywer Rdc	Gfw		57	+326	n	0	69	+2521	-0,17	+0,05	+0,03	+88	+93	+119	+602	n	-1	52	+603	104	101	102	102	105	100	105	69	98	104	108	99	104					
	DE 000363253909	Castelli		Calvin	Prosperous	Gfw		57	+326	+23	0	69	+2351	+0,02	-0,16	+0,00	+102	+64	+107	+509	+3	-10	51	+625	105	103	104	103	102	101	107	69	101	103	107	103	106					
	DE 000363259714	Doti Foster P		Truist	Nippot	Gfw		57	+326	-13	0	69	+1092	+0,33	+0,28	-0,08	+78	+66	+1	+448	-9	10	52	+508	106	108	106	102	103	98	104	70	98	102	107	102	104					
	DK 003200304736	Bruce		Bellroy	Gymnast	Gfw		57	+326	+5	0	69	+1756	-0,12	+0,07	+0,03	+62	+69	+83	+438	-3	+3	52	+682	104	106	102	100	101	95	106	70	100	103	110	105	108					
	DE 1406421940	Mhd 21940		Fortnite	Timberlake	Gfw		56	+325	n	0	68	+2353	-0,16	-0,03	+0,02	+82	+78	+110	+525	n	+11	50	+577	101	106	104	104	103	101	97	105	69	98	99	113	97	105				
K&L	US 3215425510	Peak Rover	RF	Altazazle	Positive	Gfw		57	+325	-1	0	69	+1212	+0,65	+0,06	+0,07	+117	+48	+62	+461	-18	-5	51	+591	101	108	106	107	103	106	103	69	102	102	109	100	106					
CRV	NL 598186850	Delta Powerlift		Abundant P Rf	Adorable	Gfw		59	+325	+1	0	70	+1547	+0,07	+0,13	+0,07	+73	+67	+78	+451	+23	-29	54	+695	107	104	105	104	106	100	103	70	101	100	111	106	109					
Mas	DE 1406051699	Sha Zivet		Altazarek	Skywalker	Gfw		59	+324	n	0	71	+1940	+0,07	+0,15	+0,01	+90	+84	+90	+560	n	-11	52	+661	103	103	105	106	106	96	106	70	103	105	108	98	105					
CRV	NL 673698942	Delta Tornado		Skywalker	Esperanto	Gfw		62	+324	-6	0	72	+2135	-0,31	+0,02	-0,01	+56	+76	+96	+458	+11	+3	58	+600	104	106	107	105	102	102	105	71	102	104	108	102	107					
CRV	NL 899567419	Delta Barok P		Builder P	Jupiler	Gfw		60	+323	+0	0	71	+2233	-0,12	+0,00	+0,06	+81	+78	+109	+523	-9	-38	56	+559	104	104	104	101	103	110	71	102	104	104	104	105						
GGI	DE 1306103665	Delta Ribbon	PO	Zekon	Finder	Gfw		60	+323	+45	0	71	+1781	+0,04	+0,12	+0,02	+80	+75	+83	+500	+53	+16	54	+638	103	105	106	102	104	104	104	71	102	102	106	101	105					
DE 001262598882	Simas	Superfly		Padawan	Gfw		56	+323	+15	0	68	+2379	-0,24	-0,11	+0,00	+74	+71	+109	+479	+8	+26	51	+747	104	104	104	101	102	102	104	68	101	102	109	99	105						
Mas	DE 0361676717	Matano P		Match P	S-S-1 Istclas F	Gfw		59	+323	+21	0	71	+1859	-0,10	-0,04	+0,01	+68	+60	+97	+418	+23	+39	55	+640	103	107	108	103	105	103	105	71	98	102	107	101	104					
CRV	BE 418630184	Delta Lawrence		Trust	Barclay	Gfw		61	+323	-13	0	71	+1386	-0,07	+0,13	-0,01	+52	+62	+62	+382	-22	+45	57	+660	105	103	106	106	102	98	110	72	98	98	110	104	107					
DE 0541272254	High Prime	Proximo		Hagar	Gfw		57	+322	n	0	69	+2037	+0,13	-0,01	-0,01	+101	+70	+82	+527	n	-1	51	+665	103	104	105	102	104	108	103	69	101	103	107	102	106						
DE 0363341434	Precision	Proximo		Swift	Gfw		57	+322	n	0	69	+1419	+0,16	+0,04	+0,00	+77	+53	+65	+399	n	-4	51	+773	108	103	103	103	99	108	103	69	102	104	113	101	109						
CRV	NL 632215609	Delta Perfect	RF PO	Woody	Jafin	Gfw		58	+322	-5	0	69	+913	+0,40	+0,20	+0,04	+78	+51	+46	+387	+4	+2	54	+660	108	103	105	104	106	99	107	70	107	102	105	111	111					
ES 001505095948	Lscg Rave Raxoi Et	Rave		Humbienkind	Gfw		57	+322	n	0	69	+837	+0,36	+0,14	+0,05	+70	+43	+43	+336	n	+29	51	+661	105	109	109	101	103	97	106	69	98	101	107	102	104						
NL 696919594	Diekens 3star Deman 1	Martin		Cameron	Gfw		59	+321	+3	0	70	+2259	-0,02	-0,05	+0,03	+94	+73	+107	+529	+0	+22	53	+691	105	101	104	102	103	99	103	70	97	100	109	100	104						
CRV	NL 620605386	Delta Ribbon		Louxor	Jol	Gfw		63	+321	+21	0	73	+1735	-0,03	+0,09	-0,05	+70	+70	+74	+456	+25	+33	58	+734	108	104	103	104	104	98	103	73	96	100	102	100	100					
Alt	US 3213001126	Peak Altazingier Et		Altazazle	Altarobert	Gfw		57	+321	+10	0	69	+1453	+0,20	+0,13	+0,05	+82	+64	+71	+456	+18	+40	50	+706	105	108	104	104	104	98	105	69	96	98	107	94	99					
CRV	DE 01406440012	Supporter	RF PO	Superfly	Imax	Gfw		56	+321	+21	0	68	+1677	+0,01	+0,06	-0,01	+72	+65	+76	+441	+24	+22	51	+780	105	104	107	103	108	107	105	69	100	102	110	97	104					
Tot	DE 0363376725	Wkm Beluga		Best Benz	Padawan	Gfw		57	+320	+18	0	69	+1698	-0,10	+0,12	+0,07	+61	+72	+85	+449	+34	+27	51	+751	102	107	105	104	104	101	102	69	98	102	108	101	104					
GGI	DE 1273565891	Crimoni		Chilton	Fairmont Stoic	Gfw		58	+319	-1	0	71	+2008	-0,12	+0,05	+0,03	+98	+75	+95	+542	-10	+28	52	+549	102	105	102	103	104	101	102	69	100	102	108	100	105					
ES 000805032496	Gel Prudence Saten Et	Saturn		Altamontoya	Gfw		57	+319	+5	0	68	+1838	+0,01	+0,09	+0,03	+79	+74	+87	+495	+16	+39	51	+575	106	102	102	100	105	103	104	69	101	103	111	99	106						
Tot	DE 0540362468	Calvin		Casino	Finder	Gfw		60	+319	+17	0	71	+2148	-0,15	-0,03	-0,01	+75	+72	+97	+482	+0	-2	57	+710	102	105	103	106	101	103	108	72	98	101	104	104	104					
Alt	US 3215425521	Peak Altazanzo Et	RF PO	Altazazle	Progenesis Guir	Gfw		57	+319	n	0	69	+1019	+0,75	+0,19	+0,05	+117	+54	+51	+482	n	+19	51	+526	103	107	104	105	104	107	106	69	94	101	107	98	101					
CRV	NL 675153102	Delta Candyman P		Nectar P	Rush Hour Cd	Gfw		58	+319	-2	0	70	+263	+0,80	+0,42	-0,03	+84	+47	+9	+372	+0	-14	53	+727	105	107	106	108	105	99	106	70	98	102	109	106	108					
DE 000362754307	Benzema Et	Best Benz		Barbados	Gfw		57	+319	+2	0	69	+893	+0,17	+0,14	+0,09	+54	+45	+50	+313	-4	+0	51	+771	106	110	108	104	104	100	104	69	97	102	109	102	105						
CRV	NL 597117974	Kooson Optimizer		Martin	Hotline	Gfw		59	+318	+12	0	70	+1597	+0,24	+0,14	-0,10	+93	+70	+62	+501	-0	+3	53	+581	104	104	106	104	104	102	106	70	102	104	107	103	107					
FR 005657170535	Reawood	Yearwood		Denovo 14585 (Skywalker	Gfw		57	+318	-3	0	69	+1583	-0,08	+0,06	-0,04	+59	+61	+76	+397	+15	-6	50	+819	104	105	106	105	101	98	105	70	97	102	112	104	108						
DE 000817567778	Oldfield	Dek		Yearwood	Lighthouse	Gfw		57	+317	+18	0	69	+1286	+0,33	+0,31	+0,06	+88	+76	+65	+516	+15	+16	51	+594	101	106	104	99	101	95	104	69	105	102	108	102	107					
FR 8562700803	Fief Du Manoir Rewood Man			Garido	Supreme	Gfw		60	+317	+7	0	71	+1720	+0,10	+0,13	-0,04	+83	+74	+74	+500	-3	+7	54	+354	104	107	107	102	101	102	102	71	97	100	110	99	104					
FR 005638856206	Pompador			Sputnik Rdc	Swift	Gfw		57	+317	n	0	69	+1745	+0,15	-0,04	+0,04	+90	+57	+84	+448	n	+10	52	+692	108	104	100	99	100	97	104	69	100	102	110	99	105					
DE 000124294373	Bio Gh Yoyo Et			Best Benz	Yoyo	Gfw		57	+316	+11	0	69	+2047	-0,06	+0,00	+0,11	+80	+71	+105	+491	+8	+70	52	+715	102	104	101	101	101	100	104	69	95	97	105	99	100					
NL 685504055	3star Hwh Bambam P			Best Benz	Hotspot P	Gfw		57	+316	+15	0	69	+1041	+0,26	+0,20	+0,09	+70	+56	+56	+393	+2	+33	51	+656	103	108	107	106	103	107	104	69	94	101	109	100	103					

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

NVImelkdoel = 0,4*Inet +0,08*ldv +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*ldv +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont genomisch zonder dochters

April 2022

Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	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		
AI	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgI	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T		
Melkdoel Zwart																																							
										Productie										€										Functioneel									
																														Exterieur									
	DE 00095685900	Forino		Fortnite	Casino	Gfw		57	+306	-7	0	69	+2070	-0,14	-0,04	-0,03	+73	+68	+91	+459	-7	-11	51	+613	104	105	105	104	104	101	104	69	103	102	109	101	107		
	ES 00360484080	Kintaro Lavonte Deza Et		Lavonte	Imax	Gfw		57	+306	+10	0	69	+1888	-0,25	-0,20	-0,08	+53	+44	+95	+320	-7	+12	52	+721	107	104	108	103	102	91	104	70	99	104	114	105	110		
Mas	NL 597117626	Keopon Crowd Et		Crownmax	Duke	Gfw		58	+305	+11	0	70	+1804	+0,43	+0,18	-0,02	+122	+82	+80	+616	+29	+13	53	+542	100	101	101	100	101	94	106	70	102	101	105	99	103		
Mas	DE 0362842881	Cashflow		Calvin	Gyver Rdc	Gfw		57	+305	+9	0	69	+2344	-0,18	+0,07	+0,02	+79	+89	+109	+564	-12	-51	52	+676	102	102	102	102	99	95	109	69	104	104	104	102	105		
GGI	DE 0361614585	Rub Miguel		Milktime	Rub-Asp	Gfw		58	+305	+20	0	71	+2976	-0,37	-0,20	-0,04	+83	+80	+141	+546	-36	-45	53	+651	103	103	107	102	102	101	104	70	107	106	106	100	106		
GGI	NL 571815449	Keopon Camden Rdc	RF	Solitaire P	Imax	Gfw		59	+305	+3	0	71	+1567	+0,26	+0,19	-0,02	+94	+74	+69	+522	-9	+5	53	+671	101	103	102	106	104	100	106	71	99	100	108	100	104		
	DE 000817809648	Inuit		Altaindulge	Benz	Gfw		58	+305	+4	0	70	+2450	-0,14	-0,10	-0,05	+88	+74	+106	+520	+13	+54	52	+536	100	102	105	105	105	110	105	69	99	100	110	99	104		
	DE 000363253908	Ruh 53908		Calvin	Prosperous	Gfw		57	+305	+10	0	69	+2222	-0,06	-0,07	-0,08	+88	+70	+110	+605	-7	-25	51	+647	103	105	105	103	102	100	105	68	102	103	104	100	103		
	DK 00000261906	Vh Burzazo Biniam		Roenhavne Bahr		Gfw		57	+305	+12	0	69	+921	+0,35	+0,21	-0,09	+73	+53	+33	+381	+12	+113	52	+676	102	104	104	106	100	100	109	69	86	88	99	102	95		
	US 003220448507	Mateoest Mr Liu		Hendrix	Huey	Gfw		56	+304	-7	0	68	+2055	+0,18	+0,06	-0,03	+107	+78	+91	+572	-7	+2	50	+464	102	104	104	101	107	103	101	69	101	100	108	98	103		
CRV	US 3215568846	Terra-Calroy Zuri		Altazazzle	Tahiti	Gfw		57	+304	-3	0	69	+1694	+0,56	+0,06	+0,02	+131	+65	+79	+685	+2	+33	50	+527	102	101	107	103	105	107	104	70	98	98	106	96	100		
Alt	US 3212150549	Peak Altaazura		Altazazzle	Altazexplosion	Gfw		57	+304	-7	0	69	+1175	+0,75	+0,28	+0,02	+125	+69	+56	+562	+47	-36	51	+491	102	105	106	99	105	103	105	69	98	102	105	98	101		
	DE 000362704195	Vh Funen		Freemax	Blumenfeld Jed	Gfw		57	+304	+2	0	69	+1396	+0,19	-0,21	-0,04	+79	+70	+60	+471	-3	+35	51	+567	104	104	106	103	101	107	103	69	96	97	108	97	101		
	DE 0383475914	MB Pixel		Pikachu	Merryguy	Gfw		57	+304	-7	0	69	+1609	+0,18	-0,02	-0,02	+87	+58	+71	+442	-7	+57	51	+625	103	103	107	107	108	106	101	105	69	91	99	108	98	100	
CRV	NL 689518408	Delta Starliner		Wirdum	Mustang	Gfw		58	+304	+8	0	70	+1221	+0,05	+0,10	+0,00	+57	+53	+56	+354	-3	-21	54	+831	106	104	105	105	104	98	108	70	101	103	106	107	108		
	DE 000362322834	Weh 22834		Rafinha	Summerlake	Gfw		57	+304	+10	0	69	+2019	+0,22	-0,02	-0,06	+110	+68	+99	+540	-12	-1	51	+574	104	103	104	103	103	101	103	69	103	102	105	98	103		
	ES 002704831949	Pingus		Padawan	Dg Charley	Gfw		60	+303	+7	0	71	+2484	-0,30	-0,01	+0,02	+71	+85	+116	+532	+17	-23	55	+618	104	106	102	101	103	97	103	70	106	104	101	98	102		
CRV	NL 917636635	Delta Upward		Woody	Waterloo	Gfw		59	+303	-1	0	70	+1970	-0,14	+0,11	+0,04	+68	+80	+94	+499	-4	+2	54	+547	105	103	102	103	104	102	104	70	102	103	105	105	106		
	DE 000363376718	Bradley		Best Benz	Padawan	Gfw		57	+303	+14	0	69	+1413	+0,07	+0,14	+0,03	+67	+64	+88	+424	+32	+24	51	+694	103	105	105	103	105	104	103	69	94	98	108	102	103		
CRV	NL 666841779	Delta Epsilon		Sunfit P	Topgear	Gfw		61	+303	+3	0	71	+1474	+0,12	+0,06	+0,12	+75	+57	+80	+415	+6	-8	58	+102	106	101	102	99	100	98	108	73	95	101	108	108	107		
	DE 000124167867	Has Breakdown		Best Benz	Jameson	Gfw		57	+303	-7	0	69	+1502	+0,05	+0,06	+0,07	+69	+58	+76	+406	-7	+29	52	+657	105	104	103	104	101	98	106	69	99	102	108	101	105		
Tot	NL 737303085	Hul-Stein Hotze P Rf	RF PP	Hulk P	Jacuzzi	Gfw		57	+303	-7	0	69	+591	+0,68	+0,28	+0,15	+89	+47	+41	+392	-7	+34	52	+561	106	106	105	101	105	101	103	70	98	99	110	98	103		
	DE 000362769716	Goretzka		Gigabyte	Superhero	Gfw		58	+303	-7	0	70	+1261	-0,01	+0,02	-0,06	+52	+46	+64	+317	-3	+19	54	+557	106	108	110	103	105	101	102	71	102	104	113	101	109		
CRV	US 3215425396	Peak Fugleman		Altazazzle	Positive	Gfw		57	+302	+5	0	69	+1677	+0,48	+0,18	+0,10	+122	+77	+87	+598	+7	+22	51	+464	100	104	100	101	104	105	103	69	97	98	110	94	101		
Tot	US 3146638498	Adaway Rio 2183		Rio	Helix	Gfw		60	+302	+31	0	71	+2770	-0,32	-0,17	-0,01	+80	+77	+128	+522	+23	-27	55	+573	102	106	110	105	105	103	103	71	103	104	106	95	102		
	DE 000362794521	Clooney		Vh Crown	Benz	Gfw		58	+302	-7	0	69	+1750	+0,08	-0,13	-0,04	+85	+75	+84	+507	+1	+25	52	+634	103	106	110	107	103	98	98	70	98	100	105	98	101		
GGI	DE 0362071899	Who Hottop P	PO	Halifax P	My Dream P	Gfw		57	+302	-7	0	69	+1414	+0,16	+0,30	-0,03	+76	+80	+62	+506	-7	+22	52	+523	100	105	105	106	103	104	106	69	99	100	105	100	102		
	FR 2239995033	Solixor		Perfect	Kontex	Gfw		57	+302	-7	0	69	+1868	+0,01	+0,09	-0,02	+80	+75	+83	+500	-7	-1	52	+674	105	104	103	105	104	101	102	69	101	102	106	97	102		
	BE 000019341162	Placido		Aristocrat	Blowtorch	Gfw		59	+302	+10	0	70	+1750	-0,04	-0,04	+0,00	+70	+57	+80	+405	+17	-2	52	+718	106	105	108	101	104	99	109	70	97	103	109	99	104		
CRV	NL 710287748	Delta Founder		Nobel	Jupiler	Gfw		62	+302	+23	0	71	+1913	-0,41	+0,02	-0,02	+37	+69	+85	+386	+3	+4	58	+629	107	103	105	102	101	99	106	73	104	104	105	107	108		
	DE 000362322917	Moonwalker		Merryguy	Gymnast	Gfw		60	+301	+3	0	71	+2283	-0,05	+0,00	+0,02	+91	+80	+106	+551	-4	+14	54	+465	104	101	102	101	102	96	103	71	100	102	110	99	105		
CRV	US 3214541184	Welcome Tel Guam		Fly-Higher Moo	Legacy	Gfw		57	+301	-7	0	69	+1593	+0,30	+0,08	+0,01	+96	+62	+71	+477	-7	+17	50	+653	106	104	105	103	106	101	102	69	97	102	107	96	101		
GGI	NL 547344399	K&I Sputnik Rdc	RF	Spark Red	Finder	Gfw		60	+301	+26	0	71	+2245	-0,15	-0,12	+0,05	+79	+65	+108	+465	+9	+31	56	+623	105	103	102	104	101	98	106	71	103	101	105	98	103		
	FR 002213719113	Rogers		Batman	Guarantee	Gfw		58	+300	+5	0	70	+1928	+0,24	+0,04	-0,01	+108	+71	+87	+544	+2	-5	51	+559	103	101	105	102	100	101	104	69	98	103	107	101	104		
	DE 0363741875	Grady		Gladius	Prosperous	Gfw		56	+300	-7	0	68	+2208	-0,18	-0,04	+0,08	+74	+72	+110	+484	-7	-11																	

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

NVImelkdoel = 0,4*Inet +0,08*ldv +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*ldv +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont genomisch zonder dochters

April 2022

Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	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				
AI	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgI	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart											Productie											Functioneel											Exterieur								
CRV	NL 614974395	Delta Xander		Floris	Beatbox	Gfw		59	+294	+20	0	70	+823	+0,61	+0,15	-0,08	+94	+43	+33	+384	+20	-12	95	+550	101	108	107	102	101	103	109	70	104	102	106	108	109				
Tot	DE 0361230613	Roman		Royce	Finder	Gfw		59	+294	+19	0	71	+1696	-0,15	-0,08	+0,01	+56	+51	+79	+350	+9	+28	56	+630	105	104	105	101	100	103	104	72	94	98	111	105	106				
DE	000540625415	Belmondo		Best Benz	Semino	Gfw		57	+293	+12	0	69	+2300	-0,05	+0,04	+0,06	+92	+85	+112	+575	+16	+19	52	+626	99	102	102	104	103	107	103	69	98	100	107	98	102				
Tot	DE 0361346181	Wkm Kenny		Keith	Superhero	Gfw		59	+293	+10	0	71	+1822	-0,05	+0,10	-0,00	+93	+74	+85	+503	+39	+17	56	+657	101	104	106	103	103	105	102	71	100	104	109	101	108				
GGI	US 3150687526	Pine-Tree Dublin		Durable	Medley	Gfw		57	+293	+14	0	69	+1930	-0,03	+0,06	+0,05	+79	+74	+94	+498	+15	+45	52	+526	102	103	103	101	101	101	101	69	99	101	108	100	104				
DE	000362278563	Timezone		Timberlake	Sonic	Gfw		58	+293	+9	0	70	+2188	-0,03	-0,16	+0,06	+89	+59	+106	+461	+7	+0	52	+663	105	103	102	101	102	101	104	71	102	102	109	98	105				
CRV	NL 678449129	Delta Eloy	RF	Jacuzzi	Finder	Gfw		62	+293	-5	0	71	+735	+0,58	+0,21	-0,05	+87	+46	+38	+383	+7	-3	59	+488	106	104	106	102	101	96	105	73	102	104	107	108	109				
FR	001452673557	Rayban		Complex	House	Gfw		57	+292	-6	0	69	+1734	+0,20	+0,18	+0,01	+95	+79	+80	+547	-18	+13	52	+385	102	103	103	95	104	96	102	69	98	103	110	98	104				
Tot	US 3149699060	Gold-N-Oaks Asterix		Nacash	Achiever	Gfw		57	+292	+7	0	69	+1734	+0,33	+0,07	+0,04	+108	+68	+83	+531	+0	-25	52	+487	103	104	105	102	101	98	104	70	102	105	103	100	103				
Kam	NL 546723082	Willem's-Hoeve Steyr		Martin	Jetset	Gfw		59	+292	+7	0	70	+1878	+0,13	+0,05	-0,04	+94	+71	+82	+613	+11	+3	55	+524	105	100	104	96	102	101	106	70	104	105	108	98	105				
CRV	US 3214324443	Ladys-Manor Tides-Out		Ladys-Manor O	Cascade	Gfw		56	+292	n	0	68	+1754	+0,18	+0,10	-0,10	+93	+72	+70	+512	n	+46	50	+535	104	103	102	97	104	98	100	69	94	100	105	97	99				
DE	001505011805	Hagos		Altahothand	Kerrigan	Gfw		61	+292	+7	0	71	+2131	-0,06	-0,06	+0,03	+84	+68	+01	+486	+18	+45	56	+628	103	101	103	98	101	101	103	71	92	98	108	99	101				
DE	000540813930	Kns Dumas P		Durable	Mission P	Gfw		58	+292	+11	0	69	+1758	-0,10	+0,09	+0,09	+64	+71	+90	+453	+6	+35	52	+648	102	105	108	103	105	99	103	70	94	100	108	98	101				
CRV	NL 679731856	Koespan Cashback		Deliver	Bandares	Gfw		59	+292	-14	0	70	+1445	+0,08	+0,13	+0,06	+70	+64	+72	+431	+1	+1	53	+648	105	104	106	102	101	98	102	70	102	103	107	101	105				
DK	000000262055	Vh Volsgaard Bellroy Bootcap		Bellroy		Gfw		57	+292	n	0	69	+530	+0,56	+0,32	+0,06	+75	+48	+30	+363	n	+66	51	+597	103	106	106	105	102	104	103	69	88	94	105	102	99				
FR	005377266177	Rep Rf	RF	Gwyer Rdc	Misil	Gfw		59	+291	+3	0	71	+2576	-0,25	+0,01	+0,04	+81	+91	+122	+580	+2	+2	55	+626	105	98	101	102	100	92	103	71	102	103	107	97	103				
GGI	DE 0362067925	Rh Milkland	RF	Milktime	Rubi-Asp	Gfw		58	+291	+22	0	71	+2959	-0,31	-0,15	+0,06	+89	+85	+142	+578	+36	-33	53	+668	103	99	102	99	102	101	104	70	106	105	106	102	107				
GGI	DE 1273500181	Rbb Sinan PP	PP	Simon P		Gfw		57	+291	+10	0	69	+2244	-0,10	-0,05	-0,01	+84	+73	+101	+506	+11	+8	51	+642	104	101	103	103	101	100	104	70	96	99	107	98	101				
DE	000363274053	Vh Connect		Copyright	Hotspot P	Gfw		57	+291	+2	0	69	+1697	+0,06	+0,11	-0,07	+78	+71	+70	+476	+5	-5	52	+563	102	103	105	104	106	104	107	69	102	103	108	100	105				
GCI	CA 13025326	Turn		Sonic	Barclay	Gfw		61	+291	+0	0	71	+1678	+0,32	-0,03	+0,02	+105	+55	+79	+470	+6	+14	56	+446	104	103	104	102	101	104	103	71	98	104	110	101	106				
ES	002705095961	Portagandara Rioave Ricco P Et		Rioaveso	Hotspot P	Gfw		56	+291	n	0	68	+1486	+0,19	+0,08	+0,08	+83	+60	+76	+443	n	-32	51	+573	101	107	105	98	104	106	103	69	101	104	112	102	108				
DK	000000260586			Hotspot P	Silver	Gfw		61	+291	+4	0	71	+1971	-0,21	+0,00	+0,02	+61	+69	+92	+439	+7	+36	56	+590	103	105	102	101	105	108	102	71	91	97	111	97	101				
DE	00095066853	Corelli		Copyright	Dynamo	Gfw		57	+291	+15	0	69	+1719	-0,01	+0,06	+0,03	+72	+53	+82	+393	+1	+37	51	+504	104	104	107	105	106	97	105	69	103	103	110	100	107				
US	003215743725	Rescue Pk		Altatiki	Positive	Gfw		57	+290	n	0	69	+1442	+0,47	+0,15	+0,03	+110	+66	+69	+522	+134	-24	51	+569	101	103	109	107	104	109	102	69	104	103	107	101	106				
GCI	NL 690945680	Westenrade Golf		Garido	Finder	Gfw		60	+290	+22	0	71	+1183	+0,44	+0,27	-0,01	+94	+68	+55	+493	+41	-15	55	+474	101	102	105	105	103	98	105	71	101	105	112	105	110				
DK	000000260979	Tirsvad K&I Kenobi Magico		Kenobi	Superhero	Gfw		60	+290	n	0	71	+2115	-0,25	+0,04	-0,03	+62	+78	+83	+478	+132	+40	54	+588	101	104	105	105	102	99	102	70	100	99	107	99	103				
CRV	BE 917262319	Delta Bonbon	RF	Nominator	E Profit	Gfw		58	+290	n	0	69	+824	+0,49	+0,37	-0,11	+82	+64	+27	+443	n	-23	53	+572	103	103	105	105	101	98	105	70	105	105	108	107	110				
DE	0361296626	Cassiano		Casino	Detour	Gfw		60	+290	+8	0	71	+1077	+0,40	-0,12	-0,03	+85	+49	+52	+395	+11	+20	56	+629	104	105	104	103	102	96	105	71	97	99	106	101	103				
CRV	NL 933631935	Delta Evertton		E Profit	Jorben	Gfw		61	+290	+11	0	71	+793	+0,29	+0,26	-0,04	+62	+53	+32	+357	+29	+7	58	+610	106	103	106	102	101	103	105	72	104	104	113	103	110				
CRV	NL 657288998	Delta Empower	RF	Abundant P Rf	Gabel	Gfw		59	+290	+3	0	70	+373	+0,46	+0,35	+0,04	+58	+45	+21	+313	-7	-11	54	+645	107	106	101	106	105	98	105	70	93	102	107	110	107				
CRV	NL 679817736	Dg Mr. Eli		Chart	Spectre	Gfw		60	+289	+0	0	71	+1585	+0,44	+0,11	-0,02	+113	+67	+74	+534	+7	+46	56	+362	101	103	104	106	105	103	102	71	98	101	105	100	103				
DE	0541365165	Matty P		My Dream P	Gfw			57	+289	n	0	69	+1534	+0,12	+0,15	+0,01	+78	+69	+71	+468	n	+42	52	+445	102	103	104	97	106	102	101	70	93	101	112	99	104				
DE	000771017323	Zando	RF	Altazarek	Bubba	Gfw		59	+289	-1	0	71	+1570	+0,17	+0,08	+0,12	+84	+63	+84	+460	+10	-22	51	+696	104	104	106	107	106	100	104	70	99	105	108	96	103				
Dek	CA 13638716	Rastaball		Fastball	Alcove	Gfw		57	+289	-8	0	69	+1406	+0,25	+0,12	-0,04	+85	+61	+68	+449	+13	-14	52	+509	103	107	106	102	105	106	106	69	102	105	106	99	104				
CRV	US 3215426006	Peak Handsel		Peak No Excust	Positive	Gfw		57	+289	n	0	69	+1240	+0,62	+0,04	+0,14	+115	+46	+53	+446	n	+35	50	+479	103	103	108	102	106	108	104	69	97	99	109	98	103				
Kam	BE 114947111	Kik Mitchie		Mitch	Rubicon	Gfw		61	+289	n	0	72	+750	+0,58	+0,28	+0,04	+87	+53	+38	+411	n	-1	56	+513	103	104	107	101	101	101	105	71	101	102	110	104	108				
SE	000000045169	Vh Basen P		Builder P	Dg Charley	Gfw		60	+289	-4	0	71	+1612	-0,07	-0,02	+0,08	+61	+54	+82	+374	-5	+28	56	+506	104	105	106	106	103	98	106	71	92	100	105	104	102				
DK	000000261912	Vh Singasit		Vh Anderstrup	Vh Kilmer	Gfw		57	+289	+5	0	69	+795	+0,32	+0,14	+0,08	+65	+41	+44	+318	+7	+8	51	+599	105	107	107	103	101	105	106	69	98	100	112	99	105				
CRV	US 3224956216	Peak Sortudo																																							

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

NVImelkdoel = 0,4*Inet +0,08*ldv +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*ldv +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont genomisch zonder dochters

April 2022

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	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																																							
DE	000541423619	Reinstein		Einstein	Hotspot P	GfW		57	+285	+12	0	70	+1574	-0,06	+0,05	+0,06	+61	+60	+78	+398	+13	+21	52	+601	102	106	104	103	103	106	103	69	100	102	113	98	106		
DK	000000261909	Vh Alberta Alloy		Vh Stantons Ad	GfW			57	+285	-5	0	69	+745	+0,50	+0,24	+0,02	+80	+49	+36	+380	-14	+25	52	+550	104	106	104	105	102	106	106	70	103	103	105	100	104		
DE	000362476512	Cronch		Vh Crown	GfW			57	+285	+13	0	69	+1864	-0,27	-0,08	-0,02	+50	+58	+81	+368	+18	+40	52	+674	106	103	104	101	103	96	103	70	96	98	107	101	103		
DE	000817167244	Yellow		Yoda	Franchise	GfW		60	+285	+15	0	71	+1904	-0,32	-0,23	+0,08	+46	+42	+96	+298	+6	-5	55	+710	107	106	108	101	104	101	104	71	105	105	112	99	108		
CRV	NL 665667174	Delta Floris		Empire	Reflector	GfW		67	+285	+17	0	72	+785	+0,33	+0,04	+0,03	+65	+31	+39	+275	+16	-10	62	+723	103	106	105	110	101	97	107	83	102	100	110	112	112		
DE	000362186356	Sir Island		Simon P	Gymnast	GfW		57	+284	+11	0	69	+2847	-0,27	-0,21	+0,02	+89	+75	+132	+534	+22	-11	52	+587	101	102	103	101	101	98	103	69	96	100	109	99	103		
Mas	DE 0955256129	Beachboy Et		De-Su Legend E	Medley	GfW		58	+284	-8	0	71	+2248	-0,16	-0,07	+0,03	+78	+71	+106	+487	-22	-15	52	+578	100	103	105	104	108	103	106	69	102	102	107	103	106		
DE	000540816026	Hosttp Rdc	RF	Hotspot P	Mission P	GfW		60	+284	+9	0	71	+1604	+0,07	+0,17	+0,04	+75	+74	+77	+484	+19	+85	56	+428	99	104	106	106	102	106	103	71	92	94	106	96	98		
ES	000805030929	Get Prudence Sator		Saturn	GfW			57	+284	+7	0	69	+1819	-0,07	+0,06	-0,01	+70	+70	+82	+459	+10	-20	51	+433	104	105	106	100	101	103	100	69	97	102	111	101	106		
CRV	US 3224955911	Peak Lavezzi		Altazazzle	I Pursuit	GfW		57	+284	+11	0	69	+1303	+0,49	+0,06	+0,04	+105	+51	+64	+449	-2	+14	50	+449	104	105	105	103	106	108	102	69	94	100	109	97	101		
CRV	DE 0361629044	Libero P	PO	Mick	Altarserve	GfW		57	+284	+5	0	68	+1716	-0,00	-0,01	+0,09	+73	+59	+88	+422	-1	+5	52	+439	103	107	108	104	104	101	100	69	100	104	110	99	105		
OBS	DE 0541082235	Libero P		Lupo Pp	Progenesis Mai	GfW		57	+284	+14	0	69	+1693	+0,05	-0,02	-0,02	+77	+57	+75	+418	+21	+55	51	+429	103	104	103	104	102	99	105	69	96	95	105	102	102		
DE	000541524355	Wac 24355		Best Benz	Supreme	GfW		57	+284	+12	0	68	+1954	-0,28	-0,02	+0,03	+53	+66	+93	+410	+22	+24	51	+486	104	106	101	100	101	97	103	69	99	99	110	99	105		
CRV	NL 734971353	Delta Ridge		Martin	Ranger	GfW		59	+284	+16	0	70	+1111	+0,19	+0,08	+0,07	+66	+47	+58	+349	+2	-13	55	+577	105	104	104	104	102	107	101	108	70	104	105	107	108	110	
DE	0361525422	Benetton		Benz	Board	GfW		61	+283	+9	0	71	+2366	-0,31	-0,15	+0,06	+66	+65	+115	+440	-3	+25	55	+721	103	103	103	101	105	104	100	103	71	94	98	109	98	102	
DE	000123775503	Giant Et		Gywer Rdc	S-S-1 Istclas F	GfW		60	+283	-6	0	71	+2567	-0,52	-0,15	+0,09	+50	+72	+127	+438	+1	+19	55	+554	104	105	104	103	102	101	102	72	96	103	107	97	101		
DK	000000261782	Vh Burzaco Blain		Roenhav Bahr	GfW			57	+283	+5	0	69	+1247	+0,19	+0,20	-0,07	+72	+64	+50	+429	+32	+4	52	+536	104	105	103	102	99	101	103	69	98	101	108	100	104		
US	003209641511	Pokemon		I Pursuit	Fabulous	GfW		58	+283	+12	0	70	+1344	+0,27	+0,04	+0,00	+85	+51	+61	+406	+12	+11	51	+567	106	104	104	99	104	97	102	71	103	103	107	101	106		
DE	0540355393	Domino		Durable	Cameron	GfW		57	+283	+13	0	69	+1724	-0,18	+0,00	-0,01	+54	+60	+78	+383	+15	-4	52	+704	105	105	103	106	105	101	104	70	97	101	109	99	103		
US	3133032627	Besttime		Benz	Alltime	GfW		60	+283	+7	0	71	+1448	-0,04	+0,01	+0,09	+57	+51	+75	+351	-13	+5	54	+571	103	108	104	103	102	100	105	71	103	102	110	100	107		
GCI	DE 0667146583	Helimuth's Pik As		Pinterault	Hotshot	GfW		60	+283	+7	0	71	+545	+0,44	+0,26	-0,03	+84	+43	+22	+317	-3	+25	84	+683	105	107	103	109	103	95	103	71	98	100	105	105	108		
CRV	NL 589817592	Lowlands Believer		Lunar	Altatopshot	GfW		62	+282	-6	0	72	+1460	+0,26	+0,11	+0,04	+89	+62	+71	+462	+15	-21	58	+512	100	105	104	103	103	100	106	73	104	104	111	101	108		
Tot	DE 0361346205	Kevin		Keith	Superhero	GfW		59	+282	+16	0	71	+788	+0,54	+0,33	+0,09	+85	+59	+45	+434	+33	+7	56	+554	105	105	101	101	102	99	100	71	102	101	108	101	106		
Tot	DE 0362097635	Genius		Gywer Rdc	Trend	GfW		59	+282	-0	0	71	+2323	-0,32	-0,16	-0,05	+63	+63	+112	+424	-0	-18	55	+639	104	103	103	103	103	104	72	104	104	115	98	109			
CRV	NL 760466582	Delta Farao		Vh Ramsey	Dazzel	GfW		60	+282	+3	0	71	+1060	+0,09	+0,09	+0,11	+54	+46	+59	+320	-7	-25	53	+668	106	105	107	106	105	108	104	71	103	102	106	109	109		
CRV	CZ 064089264	Rostyn Akela Delta		Barrage	Missouri	GfW		62	+280	+21	0	72	+2216	-0,29	+0,04	-0,02	+62	+81	+99	+492	+29	-24	58	+506	105	103	105	102	98	92	104	72	99	102	100	101	101		
CRV	US 3215425490	Peak Gonzo		Altazazzle	Positive	GfW		57	+279	+10	0	69	+1428	+0,40	-0,06	+0,01	+102	+56	+66	+464	-4	+7	51	+598	102	103	104	105	103	102	106	68	97	101	110	97	103		
CRV	DE 0361214538	Vh Promotion		Prosperous	Kerrigan	GfW		60	+279	+2	0	71	+2103	-0,04	-0,10	-0,01	+85	+62	+97	+462	+5	+1	54	+656	105	101	103	97	102	103	101	71	101	103	108	101	106		
NL	748567375	Sik Harry		Nacash	Blowtorch	GfW		58	+279	+16	0	69	+1470	+0,18	+0,10	-0,02	+81	+61	+65	+440	+16	+11	53	+479	102	105	102	101	100	94	102	70	104	104	110	102	108		
GCI	DE 0540742124	Kns Heskial PP	RF	Hotspot P	Board	GfW		60	+279	+2	0	71	+2080	-0,21	-0,06	-0,03	+85	+66	+98	+437	+2	+27	56	+522	103	104	104	103	98	100	104	71	95	97	108	98	101		
CRV	NL 642350802	Delta Sandman		Magnet	Bandesas	GfW		61	+279	+5	0	71	+1345	+0,02	-0,12	+0,01	+59	+59	+62	+384	-5	+28	58	+648	102	104	102	104	98	101	106	72	92	98	105	105	103		
GCI	DK 03372308934	Carenzo		Vh Crown	S-S-1 Istclas F	GfW		58	+279	-18	0	69	+1678	-0,08	-0,08	+0,04	+63	+50	+81	+362	+0	+8	52	+553	105	104	107	102	105	102	102	70	97	103	111	103	107		
CRV	NL 562802414	Delta Joskin P	RF PO	Handy P Rf	Silver	GfW		65	+279	+10	0	73																											

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

NVImelkdoel = 0,4*Inet +0,08*ldv +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*ldv +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont genomisch zonder dochters

April 2022

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	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										pnt	Productie										€	€	Functioneel										Exterieur									
CRV	BE 522411926	Delta Romance PP	PP	Builder P	Topgear	Gfw		60	+272	+13	0	71	+484	+0,64	+0,37	-0,02	+80	+51	+20	+383	+8	+13	56	+596	104	101	102	104	102	100	110	71	99	102	107	103	105					
K&L	DK 042040505470	Vh Norland Newstar		Norland	Silver	Gfw		60	+272	-5	0	71	+765	+0,48	+0,14	+0,02	+79	+40	+37	+341	+10	+48	53	+567	101	103	105	102	105	105	107	71	99	103	111	104	108					
Kam	NL 687591167	Peeldijker Jobson		Job	Reflector	Gfw		59	+272	+9	0	70	+1022	+0,10	+0,15	+0,02	+53	+50	+49	+331	+12	-6	55	+698	104	102	105	101	102	106	106	70	103	102	111	107	111					
CRV	NL 598753212	Lowlands Blessing		Jethro	Final	Gfw		64	+272	+17	0	73	+598	+0,24	+0,28	+0,09	+48	+47	+36	+304	+12	+7	60	+540	106	104	107	108	102	96	108	72	101	102	105	105	106					
CRV	NL 597117765	Kooson Runner		Vh Crown	Duke	Gfw		58	+271	-3	0	69	+1738	+0,29	+0,00	-0,09	+104	+60	+70	+485	+12	+14	53	+485	102	102	106	103	104	105	103	70	98	100	106	98	102					
CRV	NL 943081784	Delta Amplitude		Conan	Bernell	Gfw		63	+271	-1	0	72	+1673	+0,01	+0,02	+0,05	+72	+60	+82	+422	-1	+45	60	+269	105	101	105	102	99	100	102	73	102	101	107	106	108					
AWE	DE 0770807459	Ghh Hedge PP	PP	Hotspot P	Barclay	Gfw		60	+271	+8	0	71	+1217	+0,10	+0,23	-0,04	+62	+65	+52	+412	+6	+8	56	+561	103	105	104	103	104	105	103	71	94	100	109	97	101					
Mas	DE 0361951631	Hadi		Altaitholand	Gymnast	Gfw		60	+271	+12	0	71	+2091	-0,22	-0,15	+0,11	+86	+56	+108	+399	-2	+8	56	+433	102	103	106	100	105	103	105	71	102	104	109	106	109					
Tot	DE 0361770811	Lindy	BR	Lightstar	Commander	Gfw		59	+271	-5	0	71	+1424	-0,03	+0,04	+0,04	+57	+54	+69	+362	-13	+27	54	+656	104	104	104	104	98	104	71	97	101	108	99	103						
K&L	FR 2939812989	Petton Papsi	RF	Hotspot P	Louxor	Gfw		60	+270	-5	0	71	+2094	+0,07	+0,02	+0,03	+97	+75	+99	+541	-5	+14	55	+336	102	102	102	99	103	104	102	72	95	101	105	99	101					
Tot	DE 0362754386	Sussex		Suprem	Sylvert	Gfw		59	+270	+24	0	71	+2296	-0,26	+0,01	-0,10	+68	+81	+116	+510	+15	-46	54	+486	102	102	104	96	103	102	105	71	106	107	106	102	107					
CRV	US 3215743635	Peak Curveball		Fastball	Altatopshot	Gfw		57	+270	+17	0	69	+1527	+0,20	+0,08	-0,01	+86	+61	+69	+451	+22	+6	52	+463	100	106	104	100	104	102	105	69	100	102	103	100	102					
CRV	BE 413723696	Barnkamper Majestic		Simba	Montross	Gfw		62	+270	+8	0	72	+899	+0,00	+0,13	+0,05	+39	+44	+46	+274	+18	+16	57	+671	103	106	107	104	104	102	107	72	100	100	109	103	106					
CRV	US 3209481500	Sandy-Valley Cnwy Twitty		Conway	Rubicon	Gfw		57	+269	-1	0	69	+737	+0,80	+0,30	+0,03	+108	+54	+37	+459	-1	+33	52	+414	99	105	106	99	104	105	104	70	101	101	102	101	102					
CRV	NL 605027433	Delta Shape PP	PP	Hotspot P	Finder	Gfw		62	+269	+4	0	73	+948	+0,43	+0,14	-0,04	+82	+47	+39	+377	+0	+22	57	+468	104	104	108	105	102	103	104	72	96	98	105	101	102					
Mas	DE 0360940332	Simpson P	PO	Starr P	Silver	Gfw		58	+269	+10	0	70	+1103	+0,31	-0,04	-0,04	+78	+34	+46	+317	+6	+48	53	+595	106	106	103	100	104	98	104	69	97	100	110	99	104					
CRV	NL 888475752	Delta Claas		Lunar	Concert	Gfw		63	+269	+10	0	72	+536	+0,41	-0,21	-0,02	+61	+38	+23	+291	+8	+7	60	+718	103	105	105	103	104	98	106	73	102	103	108	106	108					
GGI	CA 13440358	Aerosmith Et		Aristocrat		Gfw		58	+268	+1	0	70	+1726	+0,12	-0,01	+0,03	+86	+59	+82	+447	+1	-19	52	+456	104	105	107	99	102	96	100	70	101	103	111	95	104					
OBS	DE 0540940827	Honor P	PO	Hotspot P	Barclay	Gfw		60	+268	+3	0	71	+1395	-0,04	+0,16	+0,04	+55	+65	+68	+402	+4	+10	55	+508	102	104	107	103	102	96	104	71	95	100	111	98	103					
CRV	US 3209641779	Peak Goku		Maestro	Marius	Gfw		57	+268	+12	0	69	+873	+0,28	+0,23	+0,03	+64	+53	+43	+365	+16	+3	51	+427	106	107	104	103	106	100	103	69	101	104	107	97	103					
GGI	DE 1269506693	Spirit	RF	Starell	Altatopshot	Gfw		60	+268	+3	0	71	+1603	-0,12	-0,08	-0,02	+55	+47	+71	+330	+0	-23	56	+575	103	108	106	103	101	100	106	71	97	101	108	100	103					
OBS	DE 0361346243	Gates		Gywer Rdc	Kerrigan	Gfw		59	+267	+13	0	71	+1994	-0,12	+0,02	+0,05	+72	+72	+97	+476	+26	-42	55	+590	103	103	100	98	102	100	103	72	99	103	110	100	105					
Mas	DE 0362400775	Laola		Lavonte	Medley	Gfw		57	+267	-1	0	69	+918	+0,56	+0,15	+0,04	+94	+47	+46	+404	+3	+20	52	+491	104	103	104	100	103	97	105	69	101	104	106	102	105					
AWE	FR 7253843259	Pellegrino		Topnotch		Gfw		59	+267	+11	0	71	+1861	-0,11	-0,21	+0,00	+67	+42	+85	+338	+3	-22	55	+266	105	103	108	103	108	99	105	70	98	103	113	98	106					
CRV	US 3218556335	Siemers Tictoc		Alphabet	Mr T-Spruce Fr	Gfw		58	+266	-1	0	71	+1729	+0,29	+0,02	-0,03	+104	+62	+76	+495	-1	+44	51	+349	103	102	103	103	104	106	101	70	94	98	107	96	99					
CRV	CA 13227447	Progenies Proclaim		Challenger	Modesty	Gfw		60	+266	-2	0	71	+1190	+0,52	-0,17	-0,05	+103	+58	+45	+468	-12	+35	55	+301	101	104	106	101	99	101	100	71	96	102	111	98	104					
Mas	DE 0362447807	Bwh Copymaster		Copyright	Dynamo	Gfw		57	+266	+7	0	69	+1458	+0,01	-0,02	-0,01	+63	+53	+66	+369	+5	-28	51	+481	105	105	105	103	108	97	104	69	105	105	112	100	109					
CRV	NL 652767120	Delta Esteem		Lendor	Finder	Gfw		63	+266	-7	0	72	-172	+0,96	+0,38	-0,12	+76	+27	-18	+265	-9	+46	60	+579	105	104	100	98	104	93	111	73	91	93	107	104	102					
Mas	US 3148929305	Savant		Kenobi	Rubicon	Gfw		60	+265	-1	0	71	+1892	+0,03	+0,03	-0,02	+83	+69	+89	+484	+4	+42	54	+342	99	105	109	100	104	102	98	71	101	103	106	98	103					
CRV	NL 766124390	Delta Esbit		Leonardo	Final	Gfw		64	+265	+29	0	73	+1410	+0,32	+0,15	+0,08	+93	+64	+73	+480	+41	-19	60	+628	105	98	99	100	101	96	105	73	99	101	105	105	105					
CRV	NL 670583621	Delta McNulty Rf	RF	Skippy	Bram Rf	Gfw		62	+265	+13	0	72	+1641	+0,05	+0,02	+0,00	+75	+59	+75	+422	+6	-36	57	+627	106	100	102	99	103	103	107	72	103	105	104	105	106					
GGI	DE 0770618336	Star P	RF PO	Solitaire P	Semino	Gfw		60	+265	+1	0	70	+1679	-0,14	+0,09	+0,02	+56	+68	+79	+420	-13	+38	53	+498	104	103	103	103	105	99	94	70	99	100	109	96	102					
GGI	DE 012283571	Sagun		Sharpe	Bolero	Gfw		60	+265	+6	0	71	+1101	+0,26	+0,11	+0,08	+73	+49	+58	+372	+7	+58	54	+467	102	105	103	100	103	101	100	71	98	102	112	100	106					
CRV	BE 214053521	Delta Podcast		Simba	Laurent P Rf	Gfw		62	+265	+15	0	72	+890	+0,25	+0,14	+0,00	+62	+45	+41	+327	+0	-14	57	+608	105	103	107	101	103	95	108	72	102	105	107	103	107					
CRV	NL 593951262	Lowlands Catalyst		Beacher	Magister	Gfw		60	+265	+14	0	71	+1181	-0,18	+0,15	+0,07	+32	+56	+81	+315	+21	-33	57	+575	106	106	101	102	103	99	103	72	99	106	110	107	110					
CRV	US 3200824479	Peak Shawarma		Milktime	Jedi	Gfw		59	+264	+20	0	71	+2676	-0,22	-0,14	+0,00	+88	+77	+122	+537	+53	-45	54	+528	103	104	106	101	102	98	100	70	100	101	99	97	98					
Kam	NL 549119054	Keopon Exponent		Nuberon	Atlaspring	Gfw		58	+264	-1	0	69	+1786	+0,05	+0,13	+0,04	+81	+76	+86	+508	-1	+4	54	+501	103	100	98	98	98	96	104	70	100	102	106	101	104					
GGI	NL 886519096	Poppe Sanchez P	RF PO	Solitaire P	Gymnast	Gfw		59	+264	+13	0	70	+2263	-0,26	-0,08	+0,04	+67	+70	+108	+460	-18	-20	54	+541	101	103	102	102	99	98	104	71	96	104	110	101	105					
CRV	US 3209641351																																									

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

NVImelkdoel = 0,4*Inet +0,08*ldv +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*ldv +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont genomisch zonder dochters

April 2022

Ki	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	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					
AI	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgI	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T					
Melkdoel Zwart										pnt	Productie										€	€	Functioneel										Exterieur									
CRV	NL 674924855	Delta Dundee		Waterloo	Final	GfW		62	+259	+10	0	71	+432	+0,52	+0,27	+0,04	+87	+40	+23	+312	-4	20	98	+501	107	104	102	106	101	100	108	72	98	103	104	106	105					
Mas	DE 0362447911	Bwh Benboy		Benwick	Blumenfeld Jed	GfW		57	+259	+10	0	69	+1076	-0,07	+0,09	+0,06	+39	+46	+55	+287	-4	-19	51	+823	103	106	104	103	104	100	108	69	101	101	106	101	104					
GGI	DE 1603891478	German Boy		Gymnast	Silver	GfW		62	+258	+7	0	72	+2398	-0,06	-0,12	+0,04	+109	+70	+114	+550	+5	-18	58	+345	101	100	104	99	101	103	101	72	101	104	109	101	106					
Mas	NL 5886272231	Hul-Stein Crownmax		Profit		GfW		50	+258	+5	0	71	+1254	+0,35	+0,02	-0,02	+89	+46	+59	+393	-5	-17	56	+574	102	102	101	102	100	98	108	71	101	102	108	100	105					
CRV	NL 629423299	Delta Chieftain PP	RF PP	Imax	Joskin P Rf	GfW		58	+258	+0	0	69	+1028	-0,05	+0,06	+0,03	+39	+42	+50	+269	-9	-28	53	+500	105	108	107	100	105	103	104	69	103	105	109	104	109					
Kam	NL 632592177	Vdr Shakespeare		Ranger	Malki	GfW		63	+258	+1	0	72	+570	+0,27	+0,08	-0,03	+50	+27	+23	+223	+5	-3	61	+696	105	103	100	105	98	101	110	72	106	103	108	114	114					
CRV	NL 932189349	Delta Turnover		Benello	Paragon	GfW		61	+257	+4	0	71	+1359	+0,06	+0,05	-0,12	+84	+52	+50	+363	+2	-25	58	+678	105	101	103	102	104	100	105	72	98	99	103	102	102					
CRV	US 3209481475	Sandy-Valley Schuler		Heroic	Legacy	GfW		57	+257	-1	0	70	+1374	+0,25	-0,11	+0,07	+84	+37	+70	+349	-9	-32	50	+405	102	106	110	100	102	103	103	69	96	102	108	97	102					
GGI	NL 608504814	K&H Oh Matty P	RF PO	Match P	Salvatore Rc	GfW		59	+256	+1	0	71	+1689	+0,16	+0,04	+0,03	+88	+63	+80	+467	+4	-5	56	+433	103	102	101	99	107	102	102	71	97	104	110	99	104					
CRV	US 3218656052	Siemers Parmet		Twitch	Legacy	GfW		58	+256	-1	0	70	+1727	+0,19	-0,04	+0,05	+93	+56	+84	+450	-1	-26	51	+442	103	102	103	101	108	102	101	69	97	102	110	96	103					
GGI	DE 0361346247	Gnabry	RF	Gywer Rdc	Kerrigan	GfW		59	+256	+11	0	71	+2163	-0,29	-0,12	+0,02	+60	+62	+101	+411	+25	-10	55	+601	103	104	104	100	99	99	103	72	101	103	107	97	103					
CRV	US 3215425495	Peak Factotum		Altazazzle	Positive	GfW		57	+256	+0	0	69	+1169	+0,34	+0,07	+0,09	+84	+48	+62	+392	+11	-39	51	+508	102	106	106	104	103	105	103	69	102	103	112	98	106					
Kam	NL 607244971	Drouner Riomar		Rioaveso	Brasil Rf	GfW		58	+256	-1	0	69	+1291	-0,04	+0,15	-0,04	+51	+60	+55	+370	-7	-11	54	+460	102	105	105	101	102	99	103	70	104	105	109	104	109					
Mas	DE 0954382841	Benwick		Benz	Supershot	GfW		61	+256	+6	0	71	+1715	-0,27	-0,03	+0,09	+44	+57	+88	+353	-14	-10	55	+611	103	104	106	103	104	103	103	71	97	101	101	98	103					
CRV	CA 13269232	Progenesis Venito		Challenger	Jedi	GfW		60	+256	+2	0	71	+1184	+0,02	+0,07	+0,01	+52	+48	+55	+323	+3	+27	54	+413	102	109	108	101	103	104	102	72	97	101	108	96	101					
Kam	NL 642763839	Apina Ludiek		Lunar	Empire	GfW		62	+256	+14	0	71	+728	+0,33	+0,14	+0,09	+62	+39	+42	+303	+43	-17	58	+559	105	106	105	104	102	93	105	72	101	103	110	100	106					
GGI	DE 0362572955	Wsh Gorius		Gigabyte	Superhero	GfW		58	+256	+16	0	70	+1009	-0,06	+0,00	+0,01	+37	+35	+47	+235	-4	-40	52	+625	103	107	106	102	104	101	108	71	98	101	111	102	106					
CRV	DE 0956066982	Zaffir		Altazarek	Dynamo	GfW		59	+255	-1	0	71	+2333	-0,02	-0,04	+0,02	+97	+77	+109	+552	-9	-8	52	+473	100	99	105	103	103	97	105	70	101	104	105	97	102					
CRV	US 3150687471	Pine-Tree Honeycomb		Altazarek	Prophecy	GfW		59	+255	+4	0	71	+1158	+0,36	+0,07	+0,04	+85	+47	+57	+388	-8	+13	52	+574	102	103	105	110	103	103	105	70	101	102	108	98	104					
CRV	NL 884786706	Delta Yes		Ranger	Malki	GfW		64	+255	+7	0	73	+1587	+0,04	-0,04	+0,07	+71	+51	+80	+382	-9	-25	61	+474	102	103	99	102	101	99	105	73	107	105	112	99	114					
CRV	NL 760558454	Delta Component		Skippy	Magister	GfW		62	+255	+3	0	72	+302	+0,73	+0,43	-0,05	+80	+50	+9	+376	+16	-39	58	+627	107	102	102	103	101	98	102	73	105	102	110	102	108					
Dek	FR 6125092972	La Jugletiere Pumpkin		Adion P	Balu	GfW		59	+255	-9	0	71	+656	+0,27	+0,18	-0,07	+53	+40	+23	+282	-17	-6	56	+573	105	107	104	105	102	101	104	72	100	105	110	100	106					
CRV	CA 13807680	Progenesis Grandmaster Et		Altazazzle	Tahiti	GfW		57	+254	-12	0	69	+802	+0,65	+0,22	+0,01	+97	+49	+38	+416	+1	+16	50	+438	101	107	106	106	103	107	101	69	94	97	105	95	98					
CRV	NL 579516867	Delta Gin		Jenever	Don	GfW		62	+254	-1	0	72	+1080	+0,20	+0,07	+0,04	+66	+45	+53	+339	-9	+14	58	+298	102	106	106	109	105	104	103	72	103	101	107	107	108					
CRV	NL 734970956	Delta Remedy		Abundant P Rf	Adorable	GfW		59	+254	+5	0	70	+839	+0,20	+0,14	+0,02	+55	+43	+40	+304	+13	-62	55	+562	106	102	104	107	102	100	108	70	106	107	110	111	114					
CRV	US 3148929209	Sandy-Valley Earthwalker		Skywalker	Modesty	GfW		61	+254	+11	0	71	+369	+0,51	+0,27	+0,05	+63	+38	+21	+294	+17	+80	57	+481	103	104	109	104	103	108	102	71	93	98	109	99	102					
GGI	DE 0363111565	Gga Hawk P Rdc	RF PO	Hulk P	My Dream P	GfW		57	+253	-4	0	69	+900	+0,34	+0,38	+0,13	+71	+68	+54	+444	+1	+44	51	+426	101	103	100	99	102	102	101	69	93	98	111	97	102					
Mas	US 3203361412	Kindheart		Kenobi	Frazzled	GfW		60	+253	+3	0	71	+1462	+0,11	-0,02	-0,02	+73	+53	+64	+390	-8	+22	54	+461	102	105	106	104	104	102	103	70	98	101	107	96	101					
FR	4939507891	Reflex P		Nacash	Adagio P	GfW		57	+253	+14	0	69	+1363	+0,02	-0,01	+0,00	+60	+46	+62	+333	+4	+13	52	+521	103	104	104	98	103	102	105	70	103	105	108	103	107					
CRV	NL 899567231	Delta Shiner P	PO	Benz	Finder	GfW		62	+253	+1	0	72	+1223	+0,06	+0,00	+0,13	+58	+43	+69	+319	-7	-34	57	+593	104	105	107	103	105	102	105	71	100	101	105	105	105					
GGI	DE 0123926900	Kax Hunting		Honda	Gymnast	GfW		59	+251	+1	0	71	+1976	-0,17	+0,13	-0,07	+66	+83	+63	+504	+10	-70	54	+546	102	100	103	97	104	96	104	71	98	104	113	98	107					
CRV	NL 628758037	Delta Novasol		Barrage	Regard	GfW		63	+251	+5	0	73	+1272	+0,24	+0,07	+0,08	+78	+51	+66	+393	+6	+16	59	+485	105	103	103	100	102	96	102	72	103	103	102	101	103					
K&L	DE 0360892525	Gga Pantone		Padawan	Superhero	GfW		60	+251	+0	0	71	+2206	-0,67	-0,01	+0,05	+20	+76	+106	+385	+1	-24	55	+631	103	106	104	104	104	102	101	70	103	104	107	97	104					
Mas	DE 0361346010	Rafinha		Rio	Kerrigan	GfW		60	+251	+22	0	71	+1768	-0,03	-0,11	-0,06	+72	+50	+74	+378	+22	-1	55	+641	100	105	106	101	103	104	105	71	100	102	110	95	103					
Ves	NL 597119730	Poppe Ponale		Vh Bahrain	Pennmanship	GfW		60	+250	+7	0	71	+1662	-0,08	-0,17	-0,07	+79	+76	+69	+498	+18	+17	56	+434	102	102	102	103	102	103	99	72	95	98	101	91	99					
CRV	NL 682613550	Koepoon Retreat		Altalawson	Hotline	GfW		60	+250	+19	0	71	+429	+0,98	+0,39	-0,04	+109	+51	+16	+443	+8	-2	56	+480	99	104	110	103	103	112	101	71	97	100	106	99	102					
Mas	DE 1405290977	Topmodel		Altatopshot		GfW		62	+250	+15	0	72	+1018	+0,49	+0,18	+0,08	+91	+53	+54	+425	+7	-52	58	+461	102	103	104	102	104	97	105	72	101	105	108	104	107					
Kam	NL 690892958	Eastland Force		Floris	Livington Rf	GfW		59	+250	+13	0	70	+1515	+0,06	+0,06																											

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

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

April 2022

Copyright Coöperatie CRV, 2021

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

NVImelkdoel = 0,4*Inet +0,08*ldv +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*ldv +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont genomisch zonder dochters

April 2022

KI	Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	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						
AI	Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgP	KgI	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T						
Melkdoel Zwart											pnt	Productie										€	€	Functioneel										Exterieur									
CRV	US 3209481533	Sandy-Valley Merle		Conway	Legacy	Gfw		56	+228	-7	0	68	+1290	+0,61	+0,11	+0,01	+117	+56	+60	+493	-7	+20	50	+338	102	100	102	98	105	100	99	69	98	101	105	97	101						
GGI	DE 0360208999	Simon P	PO	Semino	Board	Gfw		61	+228	+13	0	71	+2006	-0,08	-0,05	+0,06	+76	+64	+89	+451	-7	-29	56	+475	100	103	104	105	99	100	102	71	101	103	105	98	102						
Dek	FR 5368780749	Unay Bougie Dkr Open		Imax	Altasuperstar	Gfw		61	+228	+10	0	71	+1207	+0,25	+0,05	+0,00	+76	+47	+55	+369	+7	+14	56	+323	102	102	105	102	101	105	104	71	101	100	109	100	105						
AWFE	FR 3511872727	Poulidor		Newstar	Baldur	Gfw		59	+228	+7	0	71	+978	+0,15	+0,12	-0,01	+56	+46	+44	+319	+9	-46	52	+540	104	104	103	103	104	99	101	72	94	102	115	101	107						
Mas	DE 0123926951	Kax Silber PP Et	PP	Simon P	Cameron	Gfw		57	+227	+9	0	69	+385	+0,13	+0,15	-0,08	+55	+49	+53	+332	+7	-3	51	+562	104	103	105	103	104	100	103	69	100	102	104	98	102						
Kam	NL 933611975	Koepen Rumour		Rush Hour Cd	Board	Gfw		63	+227	+2	0	72	+869	+0,22	+0,13	+0,02	+58	+43	+42	+311	+2	-20	59	+429	106	99	103	103	103	99	105	72	103	101	111	108	111						
K&L	DK 03800006019	Vh Hoesgaard Raffi Raymond		Vh Smaakjaerg	Nilson	Gfw		60	+227	+10	0	71	+798	+0,00	+0,09	+0,00	+34	+36	+36	+230	+0	+28	56	+411	106	106	106	106	99	100	103	71	97	98	101	103	101						
CRV	US 3212150658	Peak Eckerton Et		Progenesis Fall Marius	Gfw			57	+226	-15	0	69	+1412	-0,42	-0,08	-0,05	+103	+57	+55	+468	-3	-28	51	+327	103	102	107	105	102	104	102	68	103	103	104	93	100						
CRV	US 3224437487	Kings-Ransom Donkeykong		Adaway Donzin Legacy	Gfw			56	+226	-7	0	68	+1115	+0,17	-0,03	+0,03	+64	+36	+54	+298	-7	+16	51	+469	105	105	105	103	100	101	100	69	100	100	106	98	102						
Kam	NL 632591910	Vdr Saul Hudson		Barclay	Malki	Gfw		62	+225	-2	0	72	+900	+0,21	+0,27	-0,17	+59	+58	+25	+369	+5	-34	60	+630	103	99	102	101	99	98	108	72	103	103	103	105	106						
GGI	DE 0770936193	Gin Cosinus Et		Vh Crown	Malinus	Gfw		58	+225	-14	0	69	+1337	+0,22	-0,01	-0,02	+79	+45	+59	+368	-3	+3	52	+436	103	100	105	103	106	103	105	69	100	102	109	99	105						
GGI	DE 0540493721	Bachelor P	PO	Batch P	Board	Gfw		59	+225	-7	0	71	+1073	+0,01	+0,08	+0,05	+46	+45	+54	+297	+2	+8	55	+583	104	103	102	104	99	98	103	71	97	98	106	102	103						
Kam	NL 725547400	De Pettershoeve Full Pull		Mangrove	G-Force	Gfw		61	+224	-9	0	71	+903	+0,00	-0,11	-0,06	+38	+42	+35	+263	-14	-10	57	+651	105	104	105	104	105	96	101	72	105	102	103	105	106						
CRV	NL 668059723	Lowlands Gladiator		Rush Hour Cd	Brentano	Gfw		63	+224	+4	0	72	+226	+0,41	+0,28	+0,03	+47	+33	+13	+238	-2	-60	60	+433	105	107	104	101	102	99	104	72	106	106	106	109	111						
AWFE	FR 6868660970	Apply		Applicable	Ste Odile Mercu	Gfw		61	+224	-4	0	71	+977	-0,03	-0,18	+0,15	+38	+16	+59	+163	+0	+27	57	+503	107	105	104	105	102	97	103	72	91	97	114	101	105						
CRV	US 145143846	Dewgod Conductor		Conway	Crimson	Gfw		57	+223	-7	0	69	+1633	+0,17	+0,04	+0,05	+87	+61	+80	+457	-7	+38	50	+353	99	101	102	100	103	101	100	69	98	99	105	100	102						
GGI	NL 671960065	3star Signal P	PO	Simon P	Imax	Gfw		57	+223	+33	0	69	+1614	-0,12	-0,04	+0,02	+56	+52	+76	+354	+38	-49	52	+487	101	103	107	103	102	103	104	69	105	107	115	98	109						
CRV	NL 547123844	Delta Sustain		Nobel	Baltikum	Gfw		61	+223	-19	0	71	+497	+0,22	+0,13	+0,12	+42	+29	+34	+217	-20	-32	57	+497	107	105	104	106	102	98	102	72	103	103	107	103	107						
Exc	DE 0359619234	Acajou Ch Kendo		Kerrigan	Racer	Gfw		62	+222	+2	0	72	+1496	-0,01	+0,07	+0,02	+62	+59	+70	+393	-19	-22	57	+506	103	100	104	98	104	103	104	71	99	102	109	98	104						
CRV	US 3135379082	Ronjanco Jumanji		Crimson	Achiever	Gfw		59	+222	+17	0	71	+469	+0,73	+0,18	-0,09	+88	+33	+13	+324	+21	-16	54	+330	103	106	107	104	101	101	102	70	106	106	102	102	105						
Kam	NL 733557981	Holbra Adori		Adorable	Balisto	Gfw		64	+222	-11	0	72	+965	+0,12	+0,11	+0,09	+53	+44	+53	+308	-3	-2	60	+641	102	103	99	103	99	98	104	72	102	105	108	103	107						
Mas	DE 0360860386	Gregor		Gymnast	Altaspring	Gfw		62	+222	+17	0	72	+1077	-0,13	-0,06	+0,07	+59	+32	+56	+272	+2	-5	58	+498	103	102	106	102	101	99	106	72	101	105	112	102	108						
CRV	NL 586848551	Delta Leverage		Inductor	Bravo	Gfw		65	+222	-36	0	72	+11	+0,75	+0,35	-0,02	+67	+31	+2	+268	-18	+16	60	+592	105	102	103	110	104	98	100	80	100	103	108	105	107						
Mas	US 3205611043	Kings-Ransom License		Legacy	Pinnacle	Gfw		59	+221	-9	0	70	+1302	-0,04	+0,03	-0,06	+51	+48	+53	+320	+0	+18	52	+506	103	104	104	103	106	102	100	71	96	99	109	97	102						
GGI	DE 0359258686	Figgo		Finder	Supershot	Gfw		64	+221	+9	0	73	+451	+0,44	+0,20	+0,02	+60	+34	+22	+272	+0	-30	61	+497	104	106	107	105	102	99	103	73	102	104	104	102	104						
Dek	FR 59456599134	Randal Hgn		Surgeon	Okon	Gfw		57	+221	-2	0	69	+511	+0,22	-0,27	-0,01	+42	+33	+22	+271	+1	-51	52	+618	106	103	105	102	103	103	103	70	100	105	112	104	109						
Mas	DE 0360987631	Mb Goliat Rdc	RF	Gwyer Rdc	Gatedancer	Gfw		59	+220	-2	0	71	+1958	-0,19	-0,03	+0,03	+62	+65	+93	+425	+9	+14	55	+462	102	100	102	102	102	96	102	71	102	102	107	96	102						
GGI	DE 0540130080	Wildier Intro		Imax	Jedi	Gfw		60	+220	-5	0	71	+982	+0,31	+0,13	+0,03	+72	+47	+48	+358	+8	-6	57	+453	100	103	102	102	103	105	105	71	102	103	110	100	106						
Dek	FR 6111836975	La Chapelle Rook		Oken	Downtown	Gfw		57	+220	+17	0	69	+677	+0,14	+0,16	+0,04	+42	+39	+27	+256	+15	-1	51	+594	106	103	103	105	108	98	103	68	102	103	111	98	106						
Mas	DE 03600044741	Intercity		Imax	Downtown	Gfw		60	+220	+1	0	71	+1466	-0,21	-0,20	-0,08	+41	+30	+75	+232	-6	-1	56	+535	106	104	103	101	102	99	104	71	101	104	110	100	106						
CRV	US 3213241968	Pine-Tree Mr Xin		Billy Alonso	Marius	Gfw		56	+219	-7	0	68	+982	+0,76	+0,32	-0,07	+116	+66	+38	+526	-7	-42	50	+110	101	104	106	100	104	105	100	69	105	105	98	97	100						
Mas	DE 1405723810	Sha Gopal Rdc	RF	Gwyer Rdc	Gatedancer	Gfw		59	+219	-5	0	71	+1958	-0,17	+0,02	+0,09	+66	+71	+101	+460	-3	-31	55	+362	102	101	102	102	102	94	101	71	102	104	108	97	104						
CRV	US 3213241955	Pine-Tree Slattery		Galileo	Prophesy	Gfw		57	+219	-7	0	69	+1277	+0,29	+0,06	+0,00	+84	+51	+58	+403	+55	-8	51	+433	103	102	105	103	106	104	99	69	103	102	104	97	102						
CRV	US 3215743595	Co-Op Tombola		Altazazzle	Achiever	Gfw		57	+219	+6	0	69	+502	+0,84	+0,17	+0,03	+100	+33	+26	+353	-11	+36	51	+255	100	105	101	101	102	104	106	70	99	98	104	98	100						
Tot	DE 0540252560	Berlin		Benz	Superhero	Gfw		60	+219	+9	0	70	+1105	+0,01	+0,14	-0,04	+48	+52	+46	+328	+10	-23	55	+395	100	108	108	103	107	107	102	71	94	101	106	97	100						
Kam	NL 941989107	Peeldijk Barracuda		Barrage	Silver	Gfw		62	+219	+13	0	72	+1022	-0,06	+0,04	-0,02	+37	+40	+45	+255	+11	-13	59	+633	105	105	100	94	102	99	102	72	102	102	107	102	106						
Kam	NL 667461369	Florisant		Floris	Commander	Gfw		60	+219	+16	0	70	+658	+0,32	+0,03	+0,02	+58	+26	+32	+238	+16	+4	55	+417	103	104	103	102	102	96	105	71	102	101	111	106	110						
GGI	DE 0361214678	Wh Cumali		Cameron	Profit	Gfw		59	+218	+7	0	71	+1491	-0,11	+0,03	+0,03	+75	+55	+71	+404	+6	-27	54	+665	101	99	104	102	105	106	103	70	96	101	108	100	103						
Mas	DE 14																																										

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

NVImelkdoel = 0,4*Inet +0,08*ldv +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*ldv +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont genomisch zonder dochters

April 2022

Ki	Stiernummer	Stierindex	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	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									pnt											€		€																			
Kam NL 725547928				De Pettershoeve Alexander					Ranger	Topgear	Gfw	63	+211	+10			0	72	+633	+0,36	+0,14	+0,01	+80	+36	+30	+279	+12														
CRV NL 889152469				De Alta Abundant P					Ranger	Fun P	Gfw	65	+211	-22			0	72	+927	+0,06	+0,03	+0,17	+45	+35	+59	+256	-15														
CRV US 3206350007				Oed Sparkplug					Entity	Copycat	Gfw	58	+210	+10			0	70	+1117	+0,51	+0,08	-0,03	+98	+47	+48	+413	-21														
GGI DE 0770936248				Gin Frisbee Rdc					Born P	Gfw	57	+210	-7			0	69	+963	+0,21	+0,13	-0,01	+61	+46	+43	+330	-4															
Dek FR 8576618411				Pirate Lp					Keith	Spark	Gfw	59	+210	+11			0	71	+1188	+0,02	+0,07	+0,04	+52	+48	+58	+323	+19														
GGI DE 1405865658				Baron P					Batch P	De-Su 12138 Ar	Gfw	59	+210	+1			0	71	+410	+0,62	+0,14	+0,06	+75	+27	+24	+275	+10														
DE 0362476382				Geox Ahl Caribe Et					Gigabyte	Malinus	Gfw	58	+210	+4			0	70	+917	+0,13	+0,08	-0,05	+26	+40	+37	+230	+2														
CRV US 3214324412				Lady's-Manor Mr Wu					Aot Highjump	Granite	Gfw	57	+209	n			0	69	+1350	+0,32	-0,05	-0,12	+90	+52	+49	+417	n														
GGI DE 0361912864				Halifax P					Hotspot P	Kerrigan	Gfw	60	+209	+15			0	71	+1213	-0,03	-0,25	-0,06	+48	+67	+49	+390	+23														
Tot NL 861379035				K&I Oh Rossi Guay					Gymnast	Rubicon	Gfw	62	+209	+15			0	72	+896	+0,35	+0,09	+0,03	+77	+44	+48	+367	+20														
CRV US 3219696545				Bomaz Mr Enno					Maximus	Salvatore Rc	Gfw	57	+209	n			0	69	+1381	+0,07	-0,11	+0,00	+66	+37	+63	+309	n														
K&L DK 02468005021				Vh Tirsvad Louxor Laval P					Louxor	Powerball P	Gfw	62	+209	+11			0	72	+920	-0,11	+0,13	-0,02	+28	+45	+40	+255	+4														
Tot US 3204326921				Wet Kenobi Profit					Kenobi	Frazzled	Gfw	60	+209	-4			0	71	+917	+0,06	-0,01	-0,05	+45	+31	+37	+233	-4														
Kam NL 941989044				Peeldijker Populist					Barrage	Frantic	Gfw	62	+209	-4			0	72	+1130	-0,22	-0,04	+0,00	+26	+35	+52	+214	-1														
CRV NL 677989059				Delta Joe PP					Sunfit P	Laurent P Rf	Gfw	61	+208	-4			0	71	+1223	-0,10	-0,06	-0,03	+42	+49	+53	+305	-25														
Kam NL 759464722				Katershort Job					Bookem	Bookem	Gfw	67	+208	+3			0	72	+745	+0,15	+0,19	+0,04	+46	+44	+38	+288	-8														
CRV US 3150687548				Pine-Tree Engineer					I Pursuit	Prophecy	Gfw	59	+207	+1			0	71	+658	+0,52	+0,24	-0,06	+77	+46	+24	+358	+13														
CRV NL 585572464				Delta Andros					Jafin	Jorben	Gfw	61	+207	+0			0	71	+406	+0,47	+0,13	-0,03	+61	+26	+21	+241	-2														
BGA DE 0360871317				Gouverneur G Gigolo					Gymnast	Missouri	Gfw	62	+206	+18			0	72	+958	+0,27	+0,16	+0,01	+67	+49	+45	+355	+22														
Mas DE 0360766294				Gga Lightwag					Lightstar	Superhero	Gfw	59	+206	+16			0	71	+1153	+0,09	+0,13	-0,11	+58	+53	+42	+352	-9														
AWCE CA 13494527				Aija Wolfgang					Mirand Pp	King Doc	Gfw	57	+206	+2			0	68	+1456	-0,03	-0,07	-0,01	+59	+43	+68	+321	+27														
AWCE DE 0361080168				Kns Hagga PP					Hotspot P	Board	Gfw	60	+206	-1			0	71	+833	+0,16	+0,16	+0,01	+51	+44	+39	+299	+6														
Kam NL 673227830				Ross Umpire					Modesty	Platinum	Gfw	64	+206	+2			0	73	-56	+40	+0,12	+0,02	+33	+9	-1	+106	-2														
DE 0770555951				Chakaponk					Chassy	Commander	Gfw	61	+205	+14			0	71	+1157	-0,10	-0,01	+0,09	+39	+39	+62	+260	-9														
GGI DE 0361607797				Highfly P					Hotspot P	Bestboss	Gfw	59	+204	+0			0	71	+1234	+0,09	+0,25	+0,00	+61	+68	+56	+424	-9														
Dek FR 2731072315				Pictus F P					Adlon P	Gymnast	Gfw	59	+204	-4			0	71	+1157	+0,21	+0,21	+0,03	+70	+61	+56	+414	+13														
Tot US 3208356638				Siemers Have It All					Excalibur	King Doc	Gfw	59	+204	+12			0	71	+913	+0,45	+0,05	-0,08	+83	+37	+34	+336	+15														
CRV US 3147840004				Peak Parson					Imax	Jedi	Gfw	60	+204	-7			0	71	+1824	-0,16	-0,18	-0,06	+80	+44	+90	+333	+13														
CRV NL 577934120				Borderview Panorama PP					Abundant P Rf	Jim P	Gfw	59	+204	+1			0	70	+956	+0,07	+0,17	+0,06	+47	+50	+50	+319	+6														
Tot US 3202768388				Midax-Touch 1206					Riveting	Haroldo	Gfw	59	+204	-19			0	71	+1291	-0,15	-0,17	+0,17	+40	+28	+76	+222	+3														
GGI DE 036020453				Gga Martini					Milktine	Frazzled	Gfw	59	+203	+10			0	71	+2429	-0,27	-0,22	-0,12	+73	+60	+97	+428	+42														
CRV CZ 053823748				Gga Mali P					My Dream P	Balisto	Gfw	59	+203	+6			0	71	+858	+0,06	+0,19	+0,00	+42	+48	+39	+297	+2														
CRV NL 053823748				Delta Lucid					Magister	Sunfish	Gfw	63	+203	+23			0	72	+9	+0,14	+0,10	+0,02	+12	+9	+2	+63	+20														
BGA DE 0361510797				Premium Als Magdalena Et					Prosperous	Gymnast	Gfw	60	+202	-4			0	71	+1689	-0,02	-0,08	+0,00	+69	+50	+77	+373	+1														
CRV US 3205770086				Eldion-Tweed Kenob Mince					Kenobi	Flagship	Gfw	60	+202	+16			0	71	+814	+0,49	+0,09	+0,03	+82	+37	+40	+336	+18														
K&L DK 02981403821				Vh Tolstrup Nolan Novak					Vh Nugget Rc	N Reflector	Gfw	61	+201	+0			0	71	-192	+0,38	+0,19	+0,01	+25	+10	-8	+91	+9														
CRV DE 1082660412				San Radrup PP					Lupo Pp	Hotspot P	Gfw	57	+199	+6			0	69	+1889	-0,18	-0,05	-0,01	+61	+80	+85	+400	+29														
Kam NL 648499079				Keopon Rustiek					Rush Hour Cd	Bookem	Gfw	64	+199	+0			0	73	+440	+0,27	+0,28	-0,01	+44	+41	+19	+266	-5														
CRV US 3200824753				Peak Matos					Altalaision	Denver	Gfw	60	+198	-6			0	71	+1276	+0,18	+0,06	+0,09	+72	+50	+67	+376	+11														
CRV NL 579506147				K&I Groenbo Alvares PP					Adlon P	Mission P	Gfw	59	+198	+4			0	71	+907	+0,43	+0,16	-0,08	+80	+47	+34	+371	+21														
Tot US 3202768460				Midax-Touch Jackpot					Tropic	Casper	Gfw	58	+198	+1			0	70	+918	+0,24	+0,15	-0,21	+62	+47	+21	+329	+9														
Tot NL 882387482				Dg Oh Doble					Salvatore Rc	Rubicon	Gfw	62	+198	+8			0	72	+1432	-0,02	-0,10	+0,06	+59	+40	+72	+310	+6														
CRV NL 620478531				Delta Deliver					Movement	Solution	Gfw	66	+198	+6			0	72	+1421	-0,23	+0,01	+0,14	+37	+50	+79	+306	-7														
CRV NL 632175000																																									

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

NVImelkdoel = 0,4*Inet +0,08*ldv +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*ldv +5,2*UGH +5,2*VRU +5,2*Uier +6*Beenwerk +2*GEB + 5,2* VLI

Perspublicatie stierindexen Zwartbont genomisch zonder dochters

April 2022

KI Stiernummer	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	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									
CRV NL 586809457	Delta Jonk	RF	Wisent Rf	Bolt Rf	Gfw	67	+186	+10	0	73	-87	+0,04	+0,08	-0,05	+0	+4	-8	+14	-7	-15	61	+594	108	111	103	99	106	100	103	82	96	103	106	101	103				
NL 649286946	Dg R-Dek Elias		Eugenio	Montross	Gfw	63	+185	-11	0	72	+1174	+0,20	+0,04	+0,04	+70	+45	+58	+349	-5	+2	59	+348	101	99	106	99	104	103	103	72	102	102	108	98	104				
DE 036139565	Skelton		Stiarallo	Gymnast	Gfw	60	+185	-7	0	71	+983	+0,00	+0,08	-0,12	+42	+43	+33	+274	+3	-53	56	+410	103	103	102	100	97	98	103	71	101	106	108	104	108				
Mas DE 0360588100	Bobest PP	BR PP	Born P	Lightner	Gfw	60	+184	-7	0	71	+881	+0,17	-0,02	-0,14	+54	+29	+27	+240	-3	-18	55	+428	102	106	106	100	102	107	100	71	105	102	105	100	104				
Dek US 3203571034	Aot Spartacus Hustle-Et		Spartacus	Fabulous	Gfw	57	+184	-6	0	70	+540	+0,27	+0,08	-0,01	+48	+26	+24	+215	+0	-14	51	+226	103	106	106	105	104	104	101	68	96	102	113	99	105				
GGI DE 1269513509	Mandos		Magister	Missouri	Gfw	63	+183	+21	0	72	+1637	-0,32	-0,08	+0,04	+36	+49	+79	+300	+31	-26	60	+351	103	102	104	105	102	101	102	72	100	104	108	99	104				
Adv NL 636023549	Ar-Joy Cu Charley Chance		King Doc	Mr Mogul Delta	Gfw	62	+183	+9	0	71	+1569	-0,26	-0,14	+0,05	+39	+40	+77	+269	+19	-61	57	+317	103	105	102	98	104	100	102	72	106	103	111	101	109				
GGI DE 0122523997	Fireball		S-S 1stclas F	Penley	Gfw	61	+183	+13	0	71	+433	+0,15	+0,16	-0,05	+32	+30	+15	+195	-12	-20	57	+423	104	105	101	102	104	102	103	71	104	104	113	99	108				
Ves NL 623631036	Double W 3103 Rimini		Vh Bahrain	Snowlever Cd	Gfw	61	+182	+24	0	71	+642	+0,05	+0,23	-0,01	+32	+44	+26	+256	+32	-26	58	+169	101	105	103	107	104	103	103	72	100	102	106	108	108				
CRV BE 118490129	Vendairy Watchman		Jorben	Silver	Gfw	69	+181	-5	0	72	+829	+0,15	+0,14	-0,01	+50	+42	+37	+288	-11	-48	71	+247	104	103	103	104	98	98	102	87	99	105	112	99	106				
Mas DE 0540252566	Belcanto		Benz	Superhero	Gfw	60	+180	+20	0	70	+1472	-0,34	+0,02	-0,02	+27	+53	+65	+294	+7	-46	55	+338	101	106	103	104	103	100	103	71	101	103	105	98	102				
Mas US 3148280154	Datless		Altadeline		Gfw	59	+179	+10	0	71	+1157	-0,02	-0,08	+0,01	+47	+32	+54	+246	-2	-23	55	+364	103	103	106	100	102	103	101	70	97	102	109	101	105				
CRV NL 622784625	Delta Mingo P	RF PO	Nova Star	Filou Rdc	Gfw	67	+179	-5	0	73	+470	+0,12	+0,14	+0,10	+31	+29	+31	+193	+17	+19	61	+257	103	104	103	106	103	103	104	81	101	103	105	105	106				
CRV NL 684617547	Delta Shelter		Inductor	Silver	Gfw	66	+178	-24	0	72	+1100	+0,04	-0,03	+0,07	+43	+35	+57	+251	+1	-37	61	+462	105	104	95	99	107	100	98	80	100	105	113	101	108				
CRV US 3144856393	Hilmar-D Pinn Alec		Pinnacle	Rubicon	Gfw	60	+178	+11	0	71	-60	+48	+0,25	+0,00	+40	+20	-3	+165	+5	-11	57	+429	103	105	110	104	103	108	102	70	99	101	109	99	104				
GGI US 3143553043	Ar-Joy Cu Charley Chance	RF	Dg Charley	Damaris	Gfw	62	+177	-15	0	72	+838	+0,15	+0,03	+0,07	+50	+32	+45	+250	-22	-20	58	+455	103	103	107	100	102	100	105	71	105	102	99	99	101				
Mas DE 0361199163	Balex PP	PP	Batch P	Hologram-P	Gfw	59	+177	+7	0	71	+949	+0,00	-0,02	-0,10	+40	+31	+53	+227	-10	+7	54	+652	104	100	103	104	104	102	102	71	99	103	104	101	103				
CRV US 3205027117	Maplehurst Banner		Crimson	Blowtorch	Gfw	60	+176	+13	0	71	+2102	-0,03	-0,02	+0,05	+86	+71	+101	+502	+30	-22	54	+213	100	99	102	100	105	102	95	70	98	102	103	98	100				
CRV NL 668318383	Vvh Novitas P	PO	Nobel	Powerball P	Gfw	61	+176	+7	0	71	+325	+0,59	+0,36	+0,01	+68	+44	+16	+328	+1	-20	58	+453	104	98	102	102	104	97	101	72	104	104	102	104	105				
GGI DE 0122835680	Instagram		Imax	Silver	Gfw	60	+176	+19	0	71	+851	+0,26	+0,01	+0,01	+61	+31	+40	+267	+10	-29	57	+340	102	102	102	101	103	100	101	73	105	106	111	102	109				
AWVE BE 613634136	Napoleon B Pop		Gymnast	Jeiraki	Gfw	61	+175	+6	0	72	+885	+0,37	+0,10	-0,02	+74	+41	+38	+335	-70	-26	57	+197	101	103	102	95	102	100	100	72	97	103	109	100	104				
AWVE BE 160947269	Sensation PP Du Pays D'aubel	PP	Luster-P	Adagio-P	Gfw	59	+175	+0	0	71	+847	+0,37	+0,01	+0,07	+72	+30	+45	+288	+22	-12	54	+351	102	100	104	98	102	99	102	71	102	104	109	102	107				
Kam NL 759464746	Katershorst Willem		Wisent Rf	Bookem	Gfw	63	+175	+2	0	72	+776	-0,22	+0,01	+0,01	+12	+28	+36	+151	-13	+11	61	+462	102	104	104	102	104	102	105	73	97	103	110	101	105				
CRV US 3208253991	Fb-Riv Rivierferia Ferry		No-Riv Merrim	Frazzled	Gfw	59	+174	-3	0	71	+851	+0,37	+0,08	-0,11	+72	+37	+50	+318	+28	-27	52	+285	100	105	105	101	105	104	100	71	102	104	105	98	103				
CRV DE 0770817325	San Outsider PP	PP	Simon P	Mr Puma	Gfw	57	+174	+6	0	69	+1178	+0,02	+0,03	+0,03	+52	+44	+57	+307	+15	+10	52	+414	101	101	104	101	103	100	102	69	99	101	106	96	101				
AWVE DE 0540237681	Party P	RF PO	Pace Red	Janco P	Gfw	60	+174	+12	0	71	+96	+0,20	+0,23	-0,08	+22	+24	-3	+144	-5	-16	54	+529	102	106	106	104	103	102	104	71	101	102	108	100	105				
Mas US 3139851225	Himark		Granite	Silver	Gfw	61	+173	+12	0	71	+1339	+0,15	-0,10	-0,02	+72	+36	+59	+317	+3	-1	57	+407	99	103	103	101	103	106	100	76	96	100	109	96	101				
OBS DE 0361082419	Oh Marley		Malinus	Battlecry	Gfw	60	+173	-12	0	71	+1383	-0,14	+0,01	-0,04	+44	+49	+59	+311	+3	-57	54	+438	105	100	98	100	102	96	101	71	100	102	111	100	106				
Dek FR 2833165591	Kag Oken		Kp Carter	Monterey	Gfw	60	+173	+5	0	71	+444	+0,12	+0,24	+0,00	+30	+38	+20	+225	-2	-45	55	+594	105	101	103	102	104	99	102	71	97	104	112	98	105				
CRV US 3214324222	Lady's Manor Overkot		Aot Highjump	Carnival	Gfw	57	+172	-1	0	69	+976	+0,21	-0,01	-0,02	+62	+33	+43	+278	-7	+11	50	+260	103	103	107	102	106	102	98	69	98	99	105	96	100				
Kam NL 630318292	Poppe Red Rio Bahama	RF	Vh Bahrain	Nelson	Gfw	61	+172	+0	0	71	+983	-0,15	+0,10	+0,01	+27	+44	+46	+251	-6	-14	57	+254	103	106	103	101	103	101	99	71	105	105	99	104	104				
CRV NL 931310823	Delta Rianto		Lendor	Carniv	Gfw	63	+172	-12	0	72	+247	+0,38	+0,22	-0,03	+45	+29	+9	+216	-5	-9	60	+362	103	100	100	102	100	95	110	73	100	101	107	104	106				
Kam NL 675542627	Westenrade Pickup		Louxor	Rubicon	Gfw	63	+171	+0	0	73	+785	+0,27	+0,13	+0,00	+59	+40	+36	+299	+0	-8	59	+254	101	102	105	101	105	100	101	73	95	103	107	100	103				
Kam NL 622923033	Newhouse Racoon		Magister	Platinum	Gfw	64	+168	+25	0	73	+979	+0,02	-0,06	-0,04	+43	+28	+41	+217	+24	-51	61	+413	104	106	99	98	101	100	102	73	106	105	109	97	106				
CRV US 3141558681	Bush Bros Certify		Spectre	Mr Oak Delco 5	Gfw	61	+165	+9	0	71	+801	+0,28	+0,03	+0,00	+61	+31	+37	+266	+9	+53	57	+257	102	102	107	100	103	105	100	72	96	94	99	97	96				
Kam NL 748583542	Ricoim	RF	Malcolm Rf	Leonidas	Gfw	63	+165	-8	0	72	-11	+0,54	+0,17	+0,03	+47	+15	+2	+161	-4	+28	61	+293	103	105	104	97	101	96	101	72	100	99	101	105	103				
GGI NL 628758138	Hunter K&I Rm Elegant		Esperanto	Doorsopen	Gfw	63	+165	+17	0	73	+85	+0,24	+0,01	+0,09	+25	+4	+12	+73	+17	-29	61	+222	105	105	103	98	103	100	106	73	98	103	117	106	112				
CRV US 3147987675	Aot Midas-Touch Mucho		Eldorado	Silver	Gfw	62	+163	-18	0	72	+785	+0,55	+0,13	-0,04	+86	+40	+32	+354	-20	+5	58	+220	101	101	104	102	103	100	98	72	96	100	104	97	99				
GGI NL 630114614	Diepenhoek Victory		Assist	Superhero	Gfw	61	+163	+12	0	71	+979	+0,07	+0,03	+0,03	+48	+37	+48	+267	+15	-70	57	+335	103	103	102	98	103	101	100	72	99	107	112	101	108				
CRV US 3135379077	Ronjanco Furtivo		Achiever	Josuper	Gfw	60	+158	+9	0	72	+649	+0,35																											