

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 genomisch zonder dochters

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	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 734970583	Delta Dolmen		Topstone	Relevant	Gfw	60	+398	-12	0	70	+1980	+0,35	+0,09	-0,09	+122	+79	+81	+604	-17	+25	53	+670	106	102	108	100	102	104	105	70	99	103	106	105	106		
CRV NL 605074718	Delta Endless	RF	Jacuzzi	Finder	Gfw	62	+378	-12	0	71	+1160	+0,72	+0,20	+0,07	+121	+60	+60	+518	-17	+44	56	+593	106	104	108	102	99	101	106	72	103	101	104	106	106		
Mas DE 1262563317	Rbb Crowntown Et		Crownmax	Rio	Gfw	59	+365	-2	0	69	+2106	+0,03	+0,01	-0,04	+93	+74	+92	+526	+8	+45	51	+666	102	106	106	109	103	98	107	69	95	101	106	101	102		
DE 0362071926	Who Bellini		Bellroy	Blumenfeld Jed Gw	Gfw	59	+363	-1	0	69	+1390	+0,07	+0,16	+0,05	+66	+65	+69	+426	-1	+19	51	+748	106	107	105	103	101	95	106	69	96	100	109	104	106		
CRV BE 614585753	Delta Jamaï		Crownmax	Relevant	Gfw	59	+360	-1	0	69	+1323	+0,36	+0,14	-0,05	+93	+60	+55	+458	-1	+45	52	+802	105	102	107	105	104	103	107	70	93	98	109	105	105		
DE 0362052128	Surrise		Superfly	Rio	Gfw	58	+359	-1	0	69	+2526	-0,05	-0,15	+0,01	+102	+71	+117	+540	-1	+43	50	+747	107	105	108	107	104	102	107	69	103	101	109	94	103		
Mas DE 0361838685	Rioaveso		Rio	Bandares	Gfw	62	+359	+7	0	71	+1782	+0,13	+0,07	+0,01	+89	+69	+82	+494	+8	+5	54	+637	104	107	106	100	102	99	105	71	100	105	108	102	106		
CRV DE 0667512345	Rzh Havertz	RF	Althathand	Rubi-Asp	Gfw	59	+357	+6	0	69	+2788	-0,17	-0,05	+0,02	+99	+91	+130	+620	+16	+32	52	+594	103	101	106	100	99	95	103	70	101	101	104	102	104		
CRV BE 418630184	Delta Lawrence		Trust	Barclay	Gfw	61	+356	+6	0	70	+1571	-0,08	+0,11	+0,02	+58	+66	+74	+415	+16	+58	55	+770	105	105	105	106	102	99	107	71	96	98	110	104	106		
ES 805028367	Thos Saturn Greco		Saturn	Imax	Gfw	59	+354	-1	0	69	+2328	+0,00	-0,18	-0,04	+99	+61	+102	+489	-1	+20	51	+663	102	105	105	99	102	109	106	69	96	103	113	103	108		
CRV NL 684554460	Delta Liberate		Gigantix	Rush Hour Cd	Gfw	59	+353	-1	0	69	+1703	+0,27	+0,25	+0,00	+101	+86	+78	+588	-1	+19	53	+637	104	100	104	103	103	102	106	70	101	101	106	105	106		
DE 000362572632	Welk Hiron		Supreme	Supreme	Gfw	60	+352	-1	0	70	+1530	+0,26	+0,09	+0,00	+92	+63	+70	+473	-1	+44	51	+826	107	106	99	100	106	96	103	70	94	97	111	99	103		
Yot DE 0362837676	Thedoor		Timberlake	All Star	Gfw	59	+352	+0	0	69	+2193	-0,20	-0,08	-0,03	+69	+68	+101	+446	-13	+26	52	+807	106	108	102	108	103	98	104	70	95	102	114	101	107		
CRV CZ 064191256	Delta Fair Play P	PO	Woody	Sunfit P	Gfw	60	+349	-1	0	69	+1532	+0,16	+0,14	+0,04	+82	+68	+74	+473	-1	+21	53	+784	107	101	102	100	106	101	106	70	104	104	110	107	111		
CRV NL 870045004	Delta Toolbox	RF	Prominent	Jacuzzi	Gfw	59	+348	-1	0	69	+669	+0,52	+0,33	-0,02	+75	+52	+26	+379	-1	+16	52	+592	107	106	111	110	105	97	107	70	98	102	102	109	106		
CRV NL 648991095	Delta Steward		Remington	Rush Hour Cd	Gfw	59	+346	-1	0	69	+1306	-0,37	-0,21	-0,04	+93	+57	+64	+469	-1	+31	52	+588	105	103	105	104	104	102	106	70	102	101	106	105	107		
CRV NL 716113449	Midwolder Mansion		Martin	Simba	Gfw	60	+346	-2	0	70	+1799	+0,06	+0,04	-0,02	+83	+67	+80	+473	-4	+29	53	+690	104	103	104	101	104	101	106	70	96	101	105	107	105		
CRV NL 598186850	Delta Powerlit	RF	Abundant P Rf	Adorable	Gfw	60	+346	-5	0	70	+1547	+0,06	+0,13	+0,06	+72	+67	+77	+449	-5	+17	54	+647	107	104	106	104	106	100	103	70	101	100	111	106	109		
Tot DE 0540682571	Gen Rave		Rio	Finder	Gfw	62	+345	+12	0	71	+847	-0,50	-0,16	-0,03	+84	+47	+42	+362	-3	+31	54	+630	106	110	109	107	102	94	108	71	97	105	108	101	105		
CRV NL 696919594	Diekers 3star Deman 1		Martin	Cameron	Gfw	59	+344	-1	0	69	+2319	+0,00	-0,05	+0,02	+98	+75	+108	+546	+114	+24	52	+712	105	100	105	103	104	99	104	70	97	100	109	101	104		
GGI DE 0123451708	Kax Gladius			Superhero	Gfw	59	+343	-2	0	69	+2795	-0,19	-0,08	-0,03	+97	+88	+124	+602	-7	+55	51	+492	102	104	102	100	105	104	101	69	96	101	109	98	103		
CRV NL 916132592	Delta Nippon P	PO	Hotspot P	Bernell	Gfw	61	+343	+0	0	71	+1033	-0,12	-0,31	-0,08	+58	+67	+64	+401	+3	+17	55	+481	104	108	109	107	103	104	105	71	101	103	114	103	110		
CRV NL 574933977	Delta Trucker		Drost	Dg Charley	Gfw	60	+342	-1	0	70	+2155	-0,23	-0,05	-0,05	+66	+69	+93	+449	-1	+47	53	+623	107	103	106	104	101	99	106	70	99	99	105	104	104		
CRV NL 574933977	Delta Wake Up		Don	Don	Gfw	60	+341	-16	0	70	+1614	+0,68	+0,30	+0,05	+90	+50	+33	+404	-13	+2	53	+672	104	105	104	108	105	100	107	70	101	100	109	109	110		
CRV US 3205149655	Bush Bros Fragrant		Alfucalor	Frazzled	Gfw	59	+339	+2	0	69	+1061	+0,48	+0,18	+0,01	+93	+55	+49	+436	+7	+25	51	+583	107	108	108	103	105	97	103	69	98	104	110	102	106		
CRV NL 572943695	Delta Bliss		Blessing	Relevant	Gfw	60	+339	-1	0	69	+1307	-0,04	+0,21	+0,03	+51	+67	+63	+401	-1	+22	53	+694	106	105	107	108	104	102	105	70	98	101	106	106	106		
CRV NL 590872910	Delta Lucardi		Yes	Trust	Gfw	59	+338	-7	0	69	+1189	+0,53	+0,26	+0,00	+104	+67	+54	+509	-6	+10	53	+492	104	102	101	100	103	99	106	70	103	102	110	107	110		
CRV NL 675153102	Delta Candymen P	RF PO	Nectar P	Rush Hour Cd	Gfw	60	+336	-1	0	70	+249	-0,79	-0,42	-0,02	+82	+47	+10	+368	-1	+6	53	+546	106	107	107	107	105	98	105	70	99	102	108	106	108		
CRV NL 865710894	Midwolder Martin		Adorable	Penley	Gfw	64	+335	-5	0	72	+2273	-0,17	-0,04	-0,01	+78	+75	+103	+502	+8	+7	57	+634	104	102	104	101	103	103	106	72	101	104	109	103	107		
CRV NL 632593923	Delta Limbic		Fisherman	Rush Hour Cd	Gfw	60	+335	-6	0	70	+1275	+0,06	+0,22	+0,02	+60	+67	+60	+419	-5	-7	53	+733	109	101	108	103	105	96	105	70	98	101	105	107	106		
Mas DE 0362375470	Freemax	PO	Freemax	Freemax	Gfw	59	+334	-12	0	69	+1374	+0,38	+0,06	-0,03	+97	+54	+66	+445	-16	+37	51	+580	103	105	105	98	103	101	101	69	97	101	113	102	107		
CRV NL 567144841	R Joeri		Copyright	Redrock	Gfw	59	+333	-1	0	69	+2010	-0,10	+0,04	+0,02	+74	+74	+94	+487	-1	+20	51	+586	104	105	108	104	104	98	103	69	102	103	110	99	106		
CRV NL 899567419	Delta Barok P	RF	Builder P	Jupiler	Gfw	60	+331	-3	0	70	+2312	-0,13	+0,00	+0,05	+83	+80	+111	+536	-7	+26	53	+511	103	103	103	102	101	103	108	70	102	103	104	104	105		
Toe NL 588791790	Hul-Stein Sauna Pp Rf	RF PO	Jacuzzi	Apoll P	Gfw	62	+331	-20	0	71	+854	+0,82	+0,39	+0,03	+116	+68	+105	+355	-15	+67	56	+447	105	102	104	102	100	95	102	72	94	96	107	100	101		
CRV NL 632215609	Delta Perfect		Woody	Jafin	Gfw	59	+331	-8	0	69	+809	+0,40	+0,22	+0,04	+73	+49	+41	+367	-5	+5	53	+666	108	103	105	102	106	99	107	70	106	102	105	110	110		
FR 1452673557	Rayban		House	House	Gfw	58	+330	-1	0	69	+1909	+0,19	+0,17	+0,02	+101	+85	+89	+587	-1	+22	50	+368	102	104	104	95	104	96	101	69	101	103	111	99	106		
GGI DE 0123451744	Benicio		Gymnast	Gymnast	Gfw	59	+330	-7	0	69	+1958	-0,12	-0,04	+0,06	+70	+72	+96	+471	+2	+8	52	+669	105	103	103	100	101	98	105	69	103	103	116	99	109		
CRV NL 673698942	Delta Tornado	</																																			

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 genomsch zonder dochters

Augustus 2021

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									
	FR 004401573643	Peppy		Luster-P	Rubicon	Gfw	61	+313	-3	0	71	+1919	+0,28	-0,03	-0,02	+112	+64	+85	+523	+5	+29	52	+420	104	103	109	101	106	97	99	71	100	101	105	101	103														
GGI	DE 0361614595	Rzh Migel		Milktime	Rubi-Asp	Gfw	60	+313	-5	0	71	+2842	-0,36	-0,20	-0,03	+78	+75	+133	+511	-9	-27	52	+643	104	102	108	102	103	101	101	103	69	106	106	105	100	105													
CRV	NL 679731856	Koepon Cashback		Deliver	Bandares	Gfw	60	+313	-7	0	70	+1389	+0,09	+0,13	+0,09	+68	+62	+73	+419	+7	+14	53	+613	106	104	107	103	101	99	102	70	102	102	108	102	106														
DE	000362323860	Casio		Chilton	Benz	Gfw	59	+313	-9	0	69	+1854	-0,15	-0,04	-0,04	+63	+60	+89	+405	-7	+52	51	+486	100	108	110	110	105	106	101	103	69	97	98	107	103	104													
Tot	DE 0540415190	Dg Dv Simax		Imax	Jedi	Gfw	62	+313	-77	0	71	+1442	-0,16	+0,01	-0,02	+78	+51	+64	+392	-77	+8	55	+738	105	105	106	106	104	103	99	105	71	104	104	109	100	107													
CRV	BE 114363158	Delta Herby		Skywalker	Topgear	Gfw	62	+313	-3	0	71	+642	+0,46	+0,23	+0,11	+71	+44	+40	+342	+3	+19	54	+653	107	106	108	106	106	99	103	71	100	104	107	103	106														
ES	3604894080	Kinteiro Lavonte Deza Et		Lavonte	Imax	Gfw	59	+313	-9	0	69	+1889	-0,25	-0,22	+0,03	+53	+42	+90	+311	-7	+19	52	+732	106	104	107	103	103	92	104	69	96	103	115	106	110														
Mas	DE 1405898775	Richmond		Rio		Gfw	61	+313	-3	0	70	+1340	+0,03	-0,10	-0,03	+60	+36	+58	+291	+0	+20	54	+801	104	110	118	112	103	94	108	71	101	103	107	101	105														
DE	001273562049	Canoso		Vh Crown	Guarantee	Gfw	59	+312	-9	0	69	+1624	+0,14	+0,03	-0,03	+83	+60	+71	+442	-9	+22	52	+644	106	105	109	102	105	102	102	69	97	102	105	97	100														
K&L	DE 0360940341	Vh Kaif		Keith	Barclay	Gfw	61	+312	-10	0	71	+1138	+0,26	+0,21	+0,00	+74	+61	+52	+421	-4	+11	53	+840	105	102	103	100	108	102	102	71	101	103	112	103	105														
CRV	NL 641394962	Delta Floater P	RF PO	Joskin P Rf	Adorable	Gfw	60	+312	-10	0	69	+1065	+0,16	+0,15	+0,07	+61	+52	+56	+358	-12	+5	53	+676	107	104	106	106	108	101	104	69	100	102	106	105	107														
CRV	NL 597117626	Koepon Crowd Et		Crownmax	Duke	Gfw	60	+311	+3	0	70	+1664	+0,44	+0,19	-0,04	+117	+78	+72	+587	+9	+52	52	+512	100	101	101	89	102	95	105	69	100	102	106	95	103														
CRV	NL 678449129	Delta Eloy	RF	Jacuzzi	Finder	Gfw	62	+310	-11	0	71	+901	+0,51	+0,16	+0,04	+68	+47	+45	+391	-7	+11	56	+527	106	103	105	101	101	98	105	72	103	103	108	107	109														
DK	000000261786	Vh Simax Simply		Simax		Gfw	59	+310	-9	0	69	+596	+0,55	+0,26	-0,07	+97	+45	+21	+353	-7	+10	51	+688	105	110	107	106	101	103	103	69	101	103	108	97	103														
Mas	DE 0123860591	Sh Galigner		Gigabyte	Cameron	Gfw	59	+309	-15	0	69	+2255	-0,05	-0,02	-0,03	+90	+76	+100	+531	-1	-5	51	+531	103	101	108	102	103	102	101	69	102	101	106	102	105														
GGI	DE 1306103685	Zarino		Zakon	Finder	Gfw	60	+309	-0	0	69	+1652	+0,03	-0,13	-0,04	+73	+71	+80	+488	-1	+36	53	+545	101	105	106	102	104	104	103	69	101	103	106	101	104														
CRV	NL 6572850591	Delta Empower	RF	Abundant P Rf	Goal	Gfw	60	+309	-9	0	70	+235	+0,44	+0,37	+0,05	+52	+44	+18	+297	-7	+11	53	+505	101	103	102	108	102	95	105	70	99	104	108	110	111														
GGI	DE 1273500181	Rbh Sinan PP	PP	Simon P		Gfw	59	+308	-7	0	69	+2174	-0,08	-0,01	+0,02	+83	+75	+101	+512	+1	+8	51	+690	103	102	103	101	101	98	104	69	99	99	106	98	102														
CRV	NL 635684840	Delta Hastings		E Profit	Ranger	Gfw	60	+308	-2	0	70	+405	+0,55	+0,35	+0,06	+68	+46	+24	+339	-3	-10	53	+609	107	106	103	99	106	99	103	70	101	104	107	108	109														
DK	002348006017	Hirvad George		Simon P	Sniper	Gfw	59	+307	-9	0	69	+2609	-0,31	-0,14	-0,05	+75	+125	+503	-9	+38	51	+633	104	102	108	103	100	98	104	69	105	104	108	98	105															
DE	000770949310	Kar Confidence		Vh Crown	Casino	Gfw	59	+307	-9	0	69	+1747	+0,27	-0,01	+0,08	+103	+60	+88	+489	-9	+40	52	+591	104	103	105	102	107	104	101	69	98	101	107	98	102														
GGI	CA 13025326	Sutton		Sonic	Barclay	Gfw	62	+307	+13	0	71	+1801	+0,30	-0,07	-0,01	+108	+55	+83	+477	+13	+11	54	+496	103	103	104	101	102	104	103	71	96	104	110	102	106														
DE	0541315718	Kns Frioso	RF	Freemax	Stryx	Gfw	59	+307	-9	0	69	+2138	-0,22	-0,03	-0,03	+66	+71	+101	+460	-9	-8	51	+427	101	105	107	100	100	103	103	69	100	102	112	104	105														
OBS	DE 0361614526	Rosco		Royce	Wildier	Gfw	61	+307	-3	0	71	+1634	+0,27	-0,05	-0,07	+98	+52	+82	+444	-13	+40	53	+751	104	102	101	105	104	100	104	71	94	97	107	101	102														
GGI	NL 571815689	Koepon Marpon		Martin	Bandares	Gfw	60	+307	+5	0	70	+1052	+0,38	+0,11	+0,00	+82	+47	+48	+379	+23	+23	53	+626	104	103	107	104	103	101	105	70	104	104	112	104	110														
CRV	NL 760466582	Delta Farao		Vh Ramsey	Dazzel	Gfw	59	+307	-9	0	69	+1179	+0,05	+0,07	+0,09	+55	+48	+63	+331	-9	-37	52	+707	105	106	106	106	107	104	107	104	69	102	103	108	110	111													
Kam	NL 687591275	Peeldijker High Five		Job	Reflector	Gfw	60	+307	+3	0	70	+196	+0,64	+0,36	+0,06	+66	+39	+14	+303	+7	+26	54	+638	107	104	107	103	104	101	106	70	97	103	113	105	109														
CRV	NL 685976393	Delta Frontline		Topgear	Missouri	Gfw	68	+307	+13	0	72	+1593	-0,27	-0,07	-0,06	+39	+48	+67	+299	+7	+4	61	+399	108	105	109	101	100	95	109	82	99	104	108	109	109														
CRV	NL 589817552	Lowlands Believer		Lunar	Altatopshot	Gfw	62	+306	+77	0	71	+1380	+0,22	+0,13	-0,04	+81	+61	+67	+440	-70	+13	56	+519	100	106	103	103	103	100	105	71	100	104	110	103	107														
Tot	CA 12610944	Alexerin Charm		Dg Charley	Altaspring	Gfw	64	+306	+14	0	72	+1673	+0,01	+0,05	+0,05	+72	+64	+82	+438	+9	+5	58	+571	106	105	109	101	104	99	105	71	98	103	101	98	99														
CRV	NL 665667174	Delta Floris		Empire	Reflector	Gfw	64	+306	-4	0	72	+776	+0,36	+0,05	+0,03	+68	+32	+38	+285	-15	-10	60	+686	104	105	106	109	103	97	107	73	104	100	111	111	113														
K&L	FR 2939812989	Petton Pepsi	RF	Hotspot P	Louxor	Gfw	61	+305	+10	0	71	+2285	-0,05	+0,00	-0,01	+102	+79	+105	+470	-9	+19	54	+339	102	102	103	100	104	104	102	71	102	103	107	100	105														
US	003209481167	Burningham		Denovo 9367	Yoda	Gfw	59	+305	-3	0	69	+1538	+0,40	-0,03	-0,06	+107	+57	+64	+478	-4	+31	51	+545	104	101	108	102	104	101	102	69	95	102	108	101	104														
Mas	DE 0770932705	Gigabell Et		Sonic		Gfw</																																												

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

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

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

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Ki Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	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											€	€																		
Tot	DE 0362097635	Genius		Gywer Rdc	Trend	Ghw		59	+298	+4	0	69	+2456	-0.36	-0.17	+0.03	+64	+66	+115	+440	+0	-27	51	+646	104	103	102	102	103	103	103	69	105	104	115	100	110	
GGI	DK 02468004935	Charles		Dg Charley	Silver	Ghw		64	+298	+17	0	72	+2022	-0.15	-0.11	+0.02	+69	+58	+95	+411	-7	+5	58	+628	104	104	105	102	107	102	105	72	100	103	109	100	105	
CRV	NL 661388310	Delta New Star		Deliver	Inductor	Ghw		60	+298	-24	0	70	+1694	-0.18	+0.03	+0.16	+55	+82	+94	+398	-75	+16	53	+676	105	105	102	106	101	106	103	70	100	100	104	102	103	
	DE 1504715382	Bimax Alh Imax Et		Imax	Ghw			59	+298	n	0	69	+1647	-0.20	+0.00	+0.06	+49	+57	+81	+361	n	+24	52	+552	104	107	105	104	103	99	104	69	100	104	114	99	107	
CRV	NL 641159099	Delta Developer	IF	Skippy	Esperanto	Ghw		60	+297	-12	0	70	+448	-0.91	+0.45	-0.08	+104	+57	+13	+456	-8	+41	54	+516	104	102	102	103	98	101	107	70	108	103	108	104	109	
	DE 000362217817	Codex		Copyright	Benz	Ghw		59	+297	n	0	69	+1694	+0.05	-0.02	-0.01	+77	+57	+76	+418	n	+30	51	+576	102	105	107	106	103	98	104	69	99	101	111	98	105	
CRV	NL 710287748	Delta Founder		Nobel	Jupiler	Ghw		61	+297	+10	0	70	+1912	-0.41	+0.00	-0.02	+37	+67	+85	+378	+16	+16	55	+539	105	103	104	103	101	98	105	71	101	104	106	107	108	
Tot	DE 0361230613	Roman		Royce	Finder	Ghw		61	+297	+10	0	71	+1582	-0.17	-0.07	+0.02	+49	+48	+74	+322	-13	+33	53	+678	104	104	106	104	101	103	103	71	98	98	112	106	109	
	DE 0362020388	De 0362020388		Copyright	Superhero	Ghw		59	+296	n	0	69	+2339	-0.15	-0.09	+0.02	+82	+71	+109	+496	n	+17	52	+502	101	103	103	103	104	105	103	70	102	103	115	97	107	
	DE 000362322891	Fellani		Freemax	Yoyo	Ghw		58	+296	n	0	69	+1740	-0.04	+0.03	+0.08	+70	+64	+88	+436	n	-8	51	+593	104	103	107	98	103	101	102	69	100	104	109	101	106	
	FR 002229184853	Roman Rf	IF	Altshothand	Alaska Red	Ghw		59	+296	n	0	69	+1784	-0.12	-0.02	-0.04	+63	+60	+77	+401	+62	+17	51	+520	106	103	104	101	103	100	102	69	101	101	111	103	108	
	ES 001704884308	Alf Pedrin Hotspot		Hotspot P	Detour	Ghw		61	+296	-4	0	71	+1611	-0.10	-0.01	-0.03	+58	+55	+70	+368	-17	+39	54	+587	104	104	109	104	100	102	102	71	101	102	115	100	109	
GGI	DE 0667337098	Best Benz		Benz	Damaris	Ghw		63	+296	+0	0	72	+1572	-0.22	+0.04	+0.14	+44	+59	+86	+360	-20	+49	54	+711	103	106	105	104	103	103	104	71	95	100	107	100	102	
	DE 001405985798	Hotfire P		Hotspot P	Lighter	Ghw		60	+296	+3	0	71	+936	-0.12	+0.16	+0.00	+51	+48	+43	+317	-11	+76	54	+819	101	107	111	106	104	108	103	71	93	97	106	104	103	
	DE 000541057719	Innocent		Altairdudge	King Doc	Ghw		59	+295	-2	0	69	+1827	-0.26	+0.03	-0.02	+105	+67	+81	+520	-16	-8	52	+401	103	103	104	99	105	101	102	70	100	99	108	99	104	
	FR 4445550944	Rosario		Ronald	Raiden	Ghw		59	+295	n	0	69	+1469	-0.13	+0.19	+0.03	+76	+71	+70	+472	n	-2	52	+359	102	106	105	105	103	103	102	69	97	103	113	98	105	
	DE 000540908991	Springstee		Soundcloud	Casper	Ghw		59	+295	+7	0	69	+1706	+0.04	-0.02	-0.02	+77	+62	+76	+439	-5	+40	51	+617	105	101	102	102	101	101	104	69	95	98	113	98	104	
	DE 000362020396	Gga Colonel		Crownmax	Superhero	Ghw		59	+295	n	0	69	+1537	-0.03	-0.12	-0.02	+68	+66	+72	+436	n	-8	52	+676	104	101	102	102	103	98	106	69	99	102	111	101	106	
	DK 000000260585	Hudson		Hotspot P	Sniper	Ghw		61	+295	-1	0	71	+1562	-0.10	+0.06	+0.13	+56	+61	+85	+393	-22	+19	54	+702	106	102	106	106	99	103	99	104	71	96	103	112	98	105
	DE 000362694090	Ronan		Gigabyte	Benz	Ghw		59	+295	+2	0	69	+1950	-0.18	-0.11	+0.07	+63	+56	+97	+391	+5	+6	51	+701	104	104	103	105	102	98	108	69	103	102	109	102	107	
	DE 000817478155	Combino		Vh Crown	Semino	Ghw		59	+295	n	0	69	+1443	-0.00	+0.05	+0.09	+61	+55	+75	+376	n	+33	52	+849	103	102	108	103	107	107	107	69	94	98	110	99	103	
	FR 008538292687	Rapsody		Vh Brown	Supreme	Ghw		59	+294	-15	0	69	+2037	-0.14	+0.07	+0.00	+71	+78	+93	+497	-12	+11	52	+549	104	102	104	98	103	100	101	70	97	101	112	96	103	
CRV	US 3205436800	Fb Lillard		Altarobert	Dynasty	Ghw		58	+294	-2	0	68	+1348	-0.19	+0.09	+0.04	+77	+56	+66	+411	+13	-6	51	+617	101	106	107	105	103	98	103	69	98	102	104	103	103	
	DK 03200304141	Ben-Louis		Benz	Battery	Ghw		62	+294	+9	0	71	+1897	-0.00	-0.03	-0.10	+72	+66	+88	+407	-24	+39	54	+637	103	106	100	104	105	101	101	70	98	99	111	99	105	
	FR 004427424581	Rabiot		Ohio	Kp Carter	Ghw		58	+294	n	0	69	+1630	-0.14	-0.08	+0.06	+84	+48	+81	+398	+25	-1	50	+631	107	100	105	104	102	98	105	69	102	103	110	103	108	
	DE 001406051308	Sha Finch		Freemax	Bubba	Ghw		59	+294	n	0	69	+1369	-0.10	+0.07	+0.16	+68	+55	+79	+392	n	-4	51	+655	103	108	108	104	106	100	102	69	101	103	107	97	103	
GGI	DE 0540695931	Harv		Hagar	Legendary	Ghw		60	+294	-20	0	71	+785	-0.48	-0.21	-0.06	+77	+48	+42	+371	-36	+73	51	+608	101	104	107	104	104	104	104	68	92	98	113	101	105	
	FR 4472336565	Riche		Lavonte	Adagio-P	Ghw		59	+294	n	0	69	+1221	-0.22	+0.05	-0.13	+74	+48	+43	+365	n	-17	52	+544	104	105	109	102	105	104	104	69	99	102	109	104	107	
	DE 000361742813	Vh Chariot		Charl	Jedi	Ghw		61	+294	+3	0	71	+749	+0.49	+0.20	-0.10	+79	+45	+25	+358	+2	+19	53	+555	107	106	107	102	104	100	101	71	102	104	109	100	106	
CRV	NL 597117765	Kopon Runner		Vh Crown	Duke	Ghw		59	+293	+7	0	69	+1755	-0.28	-0.02	-0.07	+108	+59	+73	+464	-10	+30	52	+576	105	102	106	103	105	105	105	102	70	98	100	106	98	102
	DE 000667582321	Dacapo		Altadatlaine	Achiever	Ghw		59	+293	n	0	69	+2317	-0.23	-0.08	-0.02	+73	+72	+108	+481	n	-35	52	+507	105	103	105	105	99	104	102	100	70	102	104	109	100	106
	DE 000540813930	Dumas P		Durable	Mission	P	Ghw	59	+293	+3	0	69	+1846	-0.11	+0.09	+0.08	+66	+74	+93	+470	+30	+40	52	+436	101	104	109	104	105	100	102	69	99	100	109	98	103	
	DE 000362434583	Cocker		Vh Crown	Benz	Ghw		58	+293	+10	0	69	+2209	-0.16	-0.05	-0.01	+76	+67	+100	+464	-7	+3	52	+586	102	103	108	103	105	106	103	69	96	99	106	99	104	
	DE 0541423614																																					

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

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

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

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Augustus 2021

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	+/-	dous	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												
Tot	DE 0361346181	Wkm Kenny		Keith	Superhero	Ghw		60	+288	-2	0	71	+1587	+0.10	+0.11	+0.01	+78	+67	+73	+€60	+4	+8	53	+628	101	104	100	102	103	105	101	71	105	104	109	101	107																		
Mas	DE 0361214538	Wdh Promotion		Prosperous	Kerrigan	Ghw		59	+288	-9	0	70	+2083	-0.01	-0.11	+0.00	+87	+60	+95	+457	-12	+1	52	+645	105	101	103	98	103	103	100	69	102	104	108	101	106																		
CRV	NL 620605425	Delta Recording PP	PP	Hotspot P	Concert	Ghw		61	+288	-9	0	71	+1325	-0.01	+0.26	+0.01	+66	+73	+62	+457	-2	+23	55	+568	101	103	103	103	100	104	102	71	97	103	109	101	105																		
	DE 000360983581	Carlo		Casino	Barclay	Ghw		61	+288	+78	0	71	+1685	-0.11	+0.01	-0.01	+60	+60	+76	+395	+3	+42	53	+538	103	103	103	103	105	104	98	71	94	99	111	103	105																		
	DE 0541524355	De 0541524355		Best Benz	Supreme	Ghw		59	+288	-9	0	69	+1848	-0.29	-0.01	+0.04	+47	+63	+89	+384	-9	+42	51	+517	104	106	102	100	102	96	102	69	97	101	112	99	105																		
	DE 000540713148	Holiday		Althothand	Bandares	Ghw		59	+288	+6	0	69	+1533	-0.23	+0.07	+0.01	+41	+61	+71	+358	+7	+4	52	+613	105	104	107	100	101	101	103	70	103	101	109	103	107																		
Mas	DE 1405889330	Hotbul PP	PP	Hotspot P	Adagio-P	Ghw		61	+287	-5	0	71	+1029	+0.62	+0.38	+0.01	+105	+73	+48	+524	-77	+17	55	+340	103	99	107	102	106	101	102	71	97	103	109	100	104																		
GGI	DE 0360848342	Savelli		Sharpe	Missouri	Ghw		62	+287	+6	0	71	+1970	+0.12	+0.03	+0.00	+97	+72	+90	+526	+14	+58	55	+381	99	101	101	103	102	98	101	71	100	101	109	103	107																		
GGI	CA 13440358	Aerosmith Et		Aristocrat	Ghw	58		58	+287	-16	0	68	+1796	+0.10	+0.00	+0.02	+87	+63	+84	+466	-20	+17	51	+437	105	105	106	100	102	97	100	69	101	103	112	95	104																		
FR	005348225815	Rikem		Overlou	Milky	Ghw		58	+287	-9	0	68	+1625	-0.06	-0.01	-0.08	+63	+56	+66	+352	+85	-23	50	+332	104	108	102	103	102	102	103	68	100	103	114	102	109																		
Tot	DE 0361742809	Dg Vv Singapore		Charl	Jedi	Ghw		61	+287	-1	0	71	+853	+0.51	+0.07	-0.04	+86	+36	+35	+339	-6	+70	53	+516	105	105	105	99	103	100	103	71	93	98	112	100	104																		
CRV	NL 688475762	Delta Glass		Lunar	Concert	Ghw		62	+287	+12	0	71	+593	+0.33	+0.22	-0.02	+66	+41	+25	+293	-6	+26	56	+757	103	104	105	104	105	99	105	71	102	103	107	105	109																		
DE	000540050628	Et Gymnast		Gymnast	Ghw	62		62	+286	-5	0	71	+2973	-0.34	-0.16	+0.03	+86	+34	+132	+685	-10	+19	58	+513	104	96	101	96	100	91	101	71	99	102	111	98	108																		
FR	00447236533	Ramavinga		Gitar	Manitou	Ghw		58	+286	-9	0	68	+2777	-0.42	+0.15	+0.04	+69	+79	+132	+508	+80	+71	51	+526	104	100	104	97	101	99	102	69	106	105	108	103	108																		
DE	000362080669	Gallius		Gwyer Rdc	Superhero	Ghw		59	+286	+0	0	69	+2349	-0.18	-0.02	+0.00	+80	+64	+109	+463	-6	+13	52	+530	104	101	105	101	101	92	104	70	100	105	111	99	106																		
DE	000362072072	Vh Sinder		Skywalker	Bandares	Ghw		62	+286	+0	0	71	+1274	-0.27	+0.20	+0.00	+81	+55	+58	+454	-5	+23	53	+505	103	102	106	105	106	108	102	71	102	102	108	100	106																		
ES	1505063907	Lscg Saturno Sander Fiv Et		Saturn	Ghw	58		58	+286	-9	0	68	+2065	+0.06	+0.16	+0.02	+94	+54	+96	+448	-9	+26	51	+394	102	104	105	96	101	102	102	69	99	106	107	102	105																		
CA	000013615800	Factor		Althothand	Guarantee	Ghw		59	+286	-2	0	69	+1876	-0.10	+0.00	-0.02	+69	+65	+84	+437	+7	+24	52	+459	103	102	107	101	100	99	103	70	98	98	108	102	104																		
FR	004427394530	Rubery		Gigabyte	Adorable	Ghw		59	+286	-9	0	69	+1894	-0.15	+0.00	+0.09	+64	+66	+96	+434	+32	+28	52	+511	102	100	104	98	103	101	104	70	103	105	118	106	113																		
DK	000000260866	Vh Tirsvad Rio Redhill		Rio	Lighter	Ghw		61	+286	-2	0	71	+1404	-0.18	-0.02	-0.10	+78	+47	+54	+373	-5	+41	53	+407	102	108	109	107	102	103	103	71	94	95	108	99	101																		
NL	643221732	K&I Kt Kick Off		Keith	Adhere	Ghw		60	+286	-7	0	71	+1515	-0.14	+0.06	+0.00	+50	+59	+69	+368	+10	+10	52	+775	105	101	101	102	105	99	104	71	100	102	116	101	109																		
DE	000362075435	Copyright		Copyright	Ghw	59		59	+286	-9	0	69	+1122	-0.19	-0.11	+0.08	+53	+45	+101	+351	+7	+40	50	+586	105	106	106	103	105	97	103	69	98	102	109	100	104																		
DE	0361525422	Benetton		Benx	Board	Ghw		62	+285	-3	0	71	+2260	-0.26	-0.11	+0.04	+67	+66	+108	+444	-2	+27	54	+713	103	102	102	105	104	100	101	70	97	99	110	98	103																		
CRV	NL 613944582	Delta Longbow		Barrage	Rafter P Rf	Ghw		63	+285	+9	0	71	+1194	-0.26	+0.23	-0.08	+77	+65	+46	+442	+12	+23	57	+607	105	103	102	100	102	99	101	72	99	102	100	100	103																		
DE	000362322855	Wdh Forester		Freemax	Frazied	Ghw		59	+285	-9	0	69	+1560	-0.04	+0.09	+0.00	+70	+64	+71	+431	-9	+12	52	+548	104	102	103	98	102	98	103	69	102	105	112	100	108																		
CRV	NL 658335550	Delta Trevor		Javino	Vh Stu	Ghw		61	+285	-10	0	70	+1164	+0.32	+0.18	-0.02	+81	+59	+55	+429	+13	+24	53	+558	104	103	101	101	98	96	104	70	101	98	103	102	103																		
NL	933632402	Broeks Suma		Superday	Imax	Ghw		59	+285	-9	0	69	+1169	+0.30	+0.17	+0.01	+80	+58	+54	+422	-16	+31	52	+295	101	106	106	104	100	103	102	69	102	102	111	102	108																		
Mas	DE 0362400775	Ladla		Lavonte	Medley	Ghw		59	+285	-9	0	69	+868	+0.58	-0.16	+0.04	+93	+46	+44	+397	-5	+31	51	+519	104	103	105	101	103	97	102	68	98	99	103	106	104	106																	
Tot	DE 03617770811	Lindy		Lightstar	Commander	Ghw		61	+285	+7	0	71	+1467	-0.04	+0.05	+0.02	+58	+56	+69	+372	-5	+29	53	+645	104	104	104	105	104	98	104	71	98	101	109	100	104																		
CRV	DE 000817478162	Camus Et		Vh Crown	Semino	Ghw		59	+285	-9	0	69	+1457	+0.06	-0.02	-0.11	+68	+49	+78	+367	-9	+11	52	+780	104	103	103	98	107	108	102	69	95	101	112	101	106																		
CRV	NL 667323913	Newhouse Jayvano	IF	Esperanto	Penley	Ghw		65	+285	+0	0	73	+1216	-0.12	-0.16	-0.02	+39	+58	+54	+336	-3	+4	60	+538	104	106	104	103	100	100	104	73	100	101	107	106	107																		
CRV	NL 674024775	Delta Jeronimo		Barclay	Bube	Ghw		64	+285	-6	0	73	+865	+0.17	+0.15	+0.04	+54	+45	+36	+307	+2	+23	58	+732	104	106	107	105	108	104	104	72	102	100	102	104	104																		
CRV	NL 734970956	Delta Remedy		Abundant P Rf	Adorable	Ghw		60	+285	-14	0	70	+715	+0.22	+0.18	-0.02	+51	+42	+35	+290	-15	+57	53	+550	105	102	106	108	102	100	109	70	105	106	113	112	116																		
DK	000000261665	Vh Barista Baford		Vh River	Ghw	61		61	+285	-17	0	71	-158	+0.79	+0.29	-0.01	+62	+20	-6	+210	-13	+66	51	+733	104	108	109	109	99	102	106	70	90	90	108	103	101																		
CRV	C2 064089264	Rostyn Akela Delta		Barrage	Missouri	Ghw		63	+284	+2	0	71	+2145	-0.26	+0.02	-0.05	+62	+77	+93	+474	+10	+24	57	+421	105	103	106	101	98	9																									

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 genomisch zonder dochters

Augustus 2021

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	+/-	dous	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									
										pnt																				Exterieur									
DE 000540769194	Fresh		Freemax	Fitz	Gfw	59	+280	n	0	69	+1367	+0,00	+0,04	+0,04	+58	+52	+67	+355	n	+27	52	+618	104	104	106	101	105	102	103	68	98	101	113	99	106				
CRV BE 414036636	Delta Elst		Lunar	Topgear	Gfw	62	+280	+13	0	71	+691	+0,33	+0,28	+0,05	+61	+51	+36	+348	-3	-10	56	+509	106	105	101	102	104	96	105	71	102	104	105	105	107				
PL 005383706129	Hotpol		Hotshot 182	Bailando	Gfw	61	+280	+10	0	71	+893	+0,20	+0,10	+0,03	+57	+41	+38	+299	+4	+21	53	+566	105	106	104	104	101	97	108	69	97	104	105	108	103	105			
ES 2704894092	Casagabino Saturn Anel		Saturn	Pokemon	Gfw	58	+279	n	0	69	+2200	-0,08	-0,18	-0,06	+85	+57	+94	+440	-1	-26	50	+416	105	101	104	101	103	101	103	69	102	102	107	105	107				
Mas DE 0361951631	Hadi		Altahotband	Gymnast	Gfw	59	+279	+14	0	69	+2142	-0,25	-0,17	+0,08	+63	+56	+107	+394	+78	+11	52	+395	102	103	105	99	105	103	104	70	106	102	109	107	111				
CRV BE 413723696	Barnkampoor Majestic		Simba	Montross	Gfw	63	+279	-9	0	71	+884	+0,02	+0,13	+0,04	+39	+43	+44	+271	-22	+17	56	+759	104	105	108	105	104	101	106	71	98	101	108	103	105				
CRV NL 685665840	Delta Joy		Jol	Bolt Rf	Gfw	67	+278	+1	0	73	+1803	-0,19	+0,16	-0,02	+56	+80	+80	+470	+3	+4	59	+363	106	101	102	100	104	100	100	73	100	99	104	104	104				
Mas DE 0953061754	Gigantix		Gymnast	Livermore	Gfw	62	+278	+5	0	71	+2043	-0,04	-0,07	+0,00	+82	+64	+93	+463	-2	+1	56	+518	103	100	105	98	101	104	102	71	102	102	111	101	107				
GGI DE 0667199756	Quantin		Quantum	Baltkum	Gfw	61	+278	+4	0	71	+1210	+0,18	+0,24	-0,05	+69	+66	+50	+431	-5	-4	54	+574	103	105	104	103	106	96	102	70	103	104	107	101	106				
CRV NL 670583621	Delta McNulty Rf	RF	Skippy	Bram Rf	Gfw	60	+278	-10	0	70	+1517	+0,05	+0,07	-0,02	+69	+60	+67	+411	-7	-50	54	+690	105	99	103	100	103	102	107	70	102	105	103	105	106				
Mas US 3151767568	Humphrey		Huey		Gfw	60	+278	-4	0	70	+1326	+0,22	+0,00	+0,00	+79	+46	+61	+373	+24	+44	51	+601	103	103	109	101	102	108	71	98	100	110	98	104					
Mas DE 1505012868	Khe Crespo Rdc Et	RF	Crownmax	Salvatore Rc	Gfw	59	+277	+0	0	69	+2283	-0,03	-0,22	+0,01	+83	+55	+105	+452	+6	+36	52	+567	103	99	105	96	102	98	104	69	98	102	109	105	106				
Mas NL 5886272321	Hul-Stein Crownmax		Imax	Profit	Gfw	62	+277	-4	0	71	+1281	+0,36	+0,04	-0,01	+91	+49	+61	+446	+3	+23	55	+563	102	102	104	102	101	98	106	71	98	103	108	101	105				
GGI DE 0540629103	Wildier Hulk P	PO	Hotspot P	Euclid	Gfw	61	+276	-4	0	71	+1319	+0,16	+0,25	+0,10	+72	+71	+77	+463	-7	-7	54	+463	102	104	103	98	104	103	101	71	99	103	115	96	106				
Mas DE 0361723698	Gendry		Garido	Superhero	Gfw	59	+276	-1	0	69	+2010	-0,16	-0,05	-0,01	+68	+65	+91	+437	-24	-4	52	+537	104	101	106	99	101	94	102	69	96	104	108	101	104				
GGI DE 0770822795	Linux		Lightstar	Altaamulet	Gfw	61	+276	-11	0	71	+1388	+0,23	+0,00	-0,05	+82	+48	+58	+386	-24	+16	52	+610	105	103	105	105	104	98	102	71	101	99	111	98	105				
CRV NL 5672525014	Delta Parny		Dazell	Laurent P Rf	Gfw	63	+276	-7	0	72	+645	+0,37	+0,21	+0,04	+52	+42	+33	+312	-7	-25	55	+554	105	105	105	102	101	95	107	72	103	102	104	104	105				
CRV NL 562602414	Delta Joskin P	RF PO	Handy P Rf	Silver	Gfw	65	+276	-9	0	73	+1258	-0,07	-0,03	-0,05	+46	+61	+63	+284	-17	+5	59	+730	104	104	108	100	103	105	107	73	97	104	110	102	106				
Kam NL 632592177	Vdr Shakespeare		Ranger	Malki	Gfw	64	+276	-7	0	72	+548	+0,25	+0,11	-0,05	+47	+29	+20	+224	-6	+4	60	+627	105	103	102	105	99	101	109	72	103	103	108	114	113				
Kam NL 7259393434	Oosterbrook Maram		Vh Ramsey	Solo	Gfw	59	+275	-77	0	69	+722	+0,58	+0,28	+0,08	+83	+52	+41	+400	+0	+37	51	+444	102	108	105	105	101	98	101	69	99	100	108	102	104				
Dek FR 6114354190	Opera		Adorable	Wickham	Gfw	63	+275	+21	0	72	+1501	-0,02	-0,03	+0,09	+62	+55	+78	+379	-2	-25	57	+461	103	104	104	100	105	102	105	73	103	105	112	103	110				
CRV NL 664899187	Delta Archie		Treasure	Jorben	Gfw	63	+275	+3	0	71	+203	+0,56	+0,17	+0,04	+59	+22	+13	+218	-17	+12	57	+676	108	108	104	106	99	98	104	72	101	103	108	103	107				
GCI NL 608504814	K&I On Matty P	RF PO	Match P	Salvatore Rc	Gfw	60	+274	-7	0	70	+1854	+0,18	-0,03	-0,01	+87	+61	+77	+456	-5	+17	53	+472	104	102	101	98	107	102	102	71	98	104	110	99	105				
Kam NL 657288796	Walddass Flybe		Floris	Rush Hour Cd	Gfw	60	+274	-18	0	70	+1303	-0,04	+0,08	+0,04	+51	+53	+64	+344	-38	-23	54	+499	104	105	106	108	102	98	103	70	104	101	104	107	107				
CRV BE 214053521	Delta Podcast		Simba	Laurent P Rf	Gfw	63	+274	-22	0	71	+847	+0,30	+0,17	+0,03	+65	+46	+42	+338	-19	-9	56	+640	105	102	107	101	103	95	107	71	102	105	106	103	106				
CRV NL 588825936	Delta Bartender		Gwyver Rdc	Esperanto	Gfw	60	+274	-7	0	70	+1305	+0,10	-0,02	-0,07	+65	+43	+67	+333	+3	-41	53	+587	107	104	102	100	101	94	102	70	103	104	114	103	111				
CRV NL 593551262	Lowlands Catalyst		Beacher	Magister	Gfw	61	+274	-n	0	70	+1168	-0,22	+0,14	+0,07	+28	+55	+60	+302	-n	-39	54	+614	105	105	101	103	103	100	104	70	102	106	111	107	111				
Mas DE 1404580609	Lenovo		Legendary	Josuper	Gfw	62	+273	-7	0	71	+1653	-0,27	-0,05	-0,04	+98	+52	+71	+440	-5	+41	55	+589	103	101	106	98	104	100	104	71	96	100	105	97	100				
GCI US 3142332606	Scorpion		Bandares		Gfw	62	+273	-0	0	71	+1065	+0,38	+0,22	+0,03	+81	+58	+52	+426	+14	-21	54	+506	100	103	105	97	105	102	103	71	102	102	111	103	108				
Tot NL 865720329	Vekis Dg Delta		Dg Charley	Montross	Gfw	64	+273	+15	0	72	+1914	-0,21	-0,03	+0,04	+59	+63	+92	+410	+22	+29	57	+543	102	103	107	104	103	99	104	72	97	99	106	99	102				
Mas DE 0362375386	Galeno P	PO	Greatboy		Gfw	59	+273	-27	0	69	+1395	+0,23	-0,04	-0,04	+83	+44	+60	+373	-26	-18	51	+686	104	100	105	103	104	100	106	70	96	104	110	103	106				
CRV US 3147840216	Peak Remington		Altaserve	Altaspring	Gfw	63	+273	-9	0	71	+1015	+0,23	-0,18	-0,04	+66	+53	+50	+371	-7	-9	56	+394	103	106	105	99	104	102	104	71	105	103	111	101	108				
Tot ES 2704487908	Grilo Sancream Lucky		Sillian	Supershot	Gfw	62	+272	-6	0	71	+2162	-0,03	-0,08	-0,09	+88	+66	+109	+488	+14	-46	56	+571	103	99	105	101	99	97	102	71	107	104	107	102	107				
OBS DE 0361346243	Gates		Gwyver Rdc	Kerrigan	Gfw	59	+272	-14	0	69	+2067	-0,15	-0,04	+0,02	+71	+68	+97	+457	-7	-37	52	+618	103	102	100	95	103	100	102	70	102	103	109	100	106				
CRV NL 766124390	Delta Esbit		Leonardo	Final	Gfw	64	+272	-77	0	71	+1328	+0,28	+0,16	-0,04	+86	+62	+65	+452	-22	+1	59	+555	105	98	101	98	101	96	104	73	103	101	105	104	105				
CRV US 3215743635	Peak Curveball		Fastball	Altatopshot	Gfw	59	+272	-n	0	69	+1435	+0,22	+0,09	+0,00	+83	+59	+66	+364	-n	+16	51	+402	100	106	106	103	104	102	103	69	98	103	103	100	101				
CRV US 3209641779	Peak Goku		Maestro	Marius	Gfw	58	+272	-11	0	69	+812	+0,32	+0,24	+0,04																									

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 genomisch zonder dochters

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									
BGA	DE 0540968123		Gywer Rdc	Silky-Red	Gfw	59	+264	-12	0	69	+1721	-0.09	-0.11	-0.05	+64	+48	+73	+353	-22	-28	51	+568	105	104	99	105	100	94	103	69	99	102	112	102	107				
CRV	NL 674924855		Waterloo	Final	Gfw	63	+264	-15	0	71	+330	+0.61	+0.29	+0.08	+70	+38	+22	+309	-16	-33	57	+491	106	104	103	106	102	100	107	72	97	103	105	106	106				
OBBS	DE 0362156607	RF PO	Solitaire P	Semino	Gfw	59	+263	-7	0	69	+1827	+0.03	-0.01	+0.01	+81	+83	+85	+454	-7	-8	52	+477	101	103	103	100	100	103	102	69	98	101	108	99	103				
Tot	NL 674527779		Superhero	Montross	Gfw	63	+263	-9	0	72	+1367	+0.06	+0.12	+0.07	+64	+60	+80	+401	-20	+8	56	+463	103	106	106	102	103	102	101	71	103	105	105	97	103				
CRV	US 314522980		Eldorado	Rubicon	Gfw	63	+263	-7	0	72	+1714	+0.16	-0.17	+0.07	+90	+42	+86	+387	+13	+26	56	+397	103	104	109	105	103	97	99	71	98	103	108	101	105				
CRV	US 3209641351		I Pursuit	Duke	Gfw	59	+263	-10	0	69	+1127	+0.35	-0.01	-0.02	+83	+38	+49	+345	+2	+2	52	+573	101	105	106	102	105	104	103	69	104	104	111	101	108				
CRV	NL 933632255		Deliver	Rush Hour Cd	Gfw	60	+263	-11	0	70	+438	+0.34	+0.34	+0.11	+50	+47	+30	+307	-3	-29	53	+600	107	104	107	108	102	100	103	70	103	102	103	104	105				
CRV	NL 643287912		Mangrove	Bandesas	Gfw	60	+263	-9	0	69	+493	+0.48	+0.20	+0.01	+66	+36	+23	+293	+7	+8	53	+593	104	103	104	101	100	98	105	70	103	102	107	107	109				
AWE	DE 1405723149		Blowtorch	Altaspring	Gfw	63	+262	-3	0	71	+1507	+0.21	+0.02	+0.00	+86	+54	+69	+423	+10	-14	55	+372	99	105	103	102	101	105	104	71	100	104	109	102	106				
GGI	DE 0361346247	RF	Gywer Rdc	Kerrigan	Gfw	59	+262	-14	0	69	+2177	-0.29	-0.15	+0.01	+60	+59	+100	+398	-20	-7	52	+625	103	103	103	104	100	100	102	70	102	103	107	99	104				
CRV	US 3213241729		Acura	Samaritan	Gfw	58	+262	-11	0	69	+1925	-0.10	-0.22	-0.05	+71	+43	+82	+350	-6	+40	50	+451	103	105	109	100	103	106	101	69	101	98	105	101	103				
CRV	US 3208934539		Positive	Wet Tuffenuff M	Gfw	60	+261	-7	0	70	+1278	+0.60	+0.00	+0.16	+115	+44	+42	+435	-7	-10	52	+349	103	103	103	98	104	102	103	71	103	102	106	101	108				
CRV	NL 5733647710		Paragon	Viesse	Gfw	67	+261	-11	0	73	+543	+0.62	+0.30	-0.13	+81	+47	+13	+367	-6	-32	61	+511	106	107	103	99	100	100	106	80	105	103	110	100	107				
CRV	NL 8995667231	PO	Delta Shiner P	Finder	Gfw	63	+261	-3	0	72	+1275	+0.06	+0.00	+0.13	+60	+44	+71	+328	+13	-1	55	+560	103	104	107	102	105	102	104	71	105	102	105	104	107				
K&L	DE 0360982525		Padawan	Superhero	Gfw	61	+260	-9	0	71	+2130	-0.67	+0.00	+0.06	+17	+74	+104	+370	-17	-21	53	+630	104	106	103	101	104	103	101	71	98	103	107	97	102				
CRV	NL 753556472		Barclay	Atlantic	Gfw	67	+259	-35	0	72	+1445	-0.10	+0.20	+0.05	+51	+71	+61	+417	-11	-34	61	+519	101	103	105	99	105	101	105	83	100	101	103	102	105				
Mas	US 3203361412		Kenobi	Frazzled	Gfw	60	+259	-18	0	70	+1667	+0.05	-0.01	+0.00	+76	+57	+76	+416	-20	+22	52	+377	102	105	108	103	104	102	102	70	97	101	108	95	101				
Mas	DE 1405230977		Altapshot	Silver	Gfw	64	+259	-17	0	72	+301	-0.48	-0.19	+0.08	+85	+50	+49	+398	+16	-48	58	+423	102	103	105	101	105	97	104	72	105	105	108	104	108				
CRV	NL 760558454		Skippy	Magister	Gfw	61	+259	-10	0	70	+98	+0.75	+0.48	+0.06	+71	+46	-1	+337	-27	-30	54	+659	107	102	104	103	100	98	101	70	102	102	109	102	107				
K&L	DK 03200303904		Vh River	Penley	Gfw	63	+259	-5	0	71	+888	+0.02	+0.10	+0.05	+40	+41	+45	+266	+11	+24	56	+596	104	106	106	108	102	99	109	71	104	101	105	104	106				
Kam	NL 6908923958		Floris	Livingston Rf	Gfw	60	+258	-15	0	70	+1507	+0.05	+0.06	+0.10	+69	+59	+79	+411	-3	+10	54	+559	103	99	103	99	101	98	103	70	102	102	108	103	107				
GGI	DE 0122835701		Sharpe	Bolero	Gfw	62	+258	-12	0	71	+1022	+0.28	+0.12	+0.09	+71	+47	+56	+359	-19	+49	54	+428	102	105	104	99	104	101	99	71	96	101	111	101	107				
CRV	BE 720581625	RF	Brentano	Malcolm Rf	Gfw	70	+258	-3	0	73	+1553	-0.14	-0.02	+0.10	+51	+52	+81	+345	+21	+17	63	+529	102	102	105	101	103	104	105	83	101	105	104	106	106				
Mas	DE 0361080031		Rubicon	Sound System	Gfw	62	+257	-7	0	71	+1636	-0.18	-0.11	+0.04	+88	+46	+79	+333	-8	-8	56	+347	104	103	107	102	103	105	100	71	100	103	111	101	107				
GGI	DE 0954858360	PO	Hotspot P	Silver	Gfw	61	+257	-3	0	71	+1669	-0.25	+0.03	+0.10	+44	+61	+87	+369	-6	+14	55	+517	101	103	106	102	102	105	102	71	96	101	112	101	106				
Kam	NL 642763839		Lunar	Empire	Gfw	62	+257	-4	0	71	+570	+0.33	+0.19	+0.08	+55	+38	+34	+282	-16	+1	56	+580	105	105	103	103	103	94	105	71	101	103	109	102	107				
CRV	NL 688082914		Accord	Reflector	Gfw	64	+257	-12	0	72	+480	-0.12	-0.21	-0.06	+32	+37	+17	+224	-18	-65	58	+578	108	108	107	103	103	98	108	73	101	103	108	108	108				
CRV	US 3150687471		Altazarek	Prophecy	Gfw	59	+256	-3	0	69	+1160	+0.34	+0.06	+0.02	+83	+46	+55	+739	+14	+22	51	+540	102	103	105	107	104	102	103	70	98	101	110	98	104				
CRV	NL 648817776		Adagio-P	Doorsopen	Gfw	63	+256	-4	0	72	+1854	-0.16	-0.09	-0.03	+61	+55	+81	+378	-2	-17	57	+338	103	104	104	101	102	97	103	72	102	104	111	102	108				
GGI	DE 0123806378	PO	Salvatore Rc	Salvatore	Gfw	59	+255	-10	0	69	+2245	-0.33	-0.07	+0.03	+59	+71	+107	+447	-10	-11	52	+457	101	103	105	102	107	101	102	69	101	104	104	100	103				
CRV	NL 682613550		Altalawson	Hotline	Gfw	59	+255	-4	0	69	+480	+0.98	+0.36	+0.03	+112	+50	+19	+446	-2	+1	52	+410	99	103	108	101	103	113	101	69	101	102	107	100	104				
Dek	FR 5368780749		Imax	Altasuperstar	Gfw	62	+255	-5	0	71	+1348	+0.27	+0.04	-0.01	+85	+51	+61	+406	-13	+29	55	+361	102	102	106	102	101	104	103	71	103	102	109	100	106				
Kam	NL 5745898907	RF	Yoda	Board	Gfw	62	+255	-9	0	71	+1457	-0.03	-0.02	-0.01	+59	+53	+65	+361	-1	+4	54	+573	105	101	108	101	106	103	102	70	99	101	108	100	107				
CRV	NL 589401100	RF	Endurance	Silver	Gfw	64	+255	-8	0	72	+891	+0.30	+0.20	+0.01	+67	+50	+42	+358	-8	-36	60	+560	104	102	104	103	101	99	103	73	99	103	108	104	107				
Kam	NL 879035453		Finder	Guard	Gfw	65	+255	-9	0	72	+1071	+0.14	-0.11	+0.01	+59	+48	+50	+336	+2	-15	61	+539	105	102	103	97	100	96	104	72	101	104	104	106	106				
GGI	DE 1305958528		Benz	Gfw	61	+255	-12	0	71	+703	-0.10	-0.28	-0.01	+38	+51	+33	+301	-25	-18	53	+555	106	106	100	103	106	98	101	70	100	101	109	101	108					
CRV	US 3209641811		Maestro	Marius	Gfw	58	+254	+13	0	69	+1732	+0.22	+0.04	-0.06	+97	+65	+73	+492	+12	+8	50	+384	101	102	104	99	105	100	69	100	101	102	99	101					
GGI	DE 0361986025	PP	Simon P	Mission P	Gfw	59	+254	-3	0	69	+1762	+0.00	+0.09	+0.06	+75	+71	+87	+475	+18	+28	52	+478																	

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

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

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

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Ki Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	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 Bull number	Bull name	Her-fact	Sire	MGS	S	N	Rel	NVI	+/-	daus	Rel	kgM	%F	%P	%L	kgF	kgF	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T		
Melkdoel Zwart																																						
Kam NL 725547400	De Pettershoeve Full Pull		Mangrove	G-Force	Ghw		61	+246	-73	0	70	+834	+0,02	+0,13	-0,07	+37	+42	+31	+259	-9	+45	55	+679	105	104	105	104	105	96	101	70	101	101	103	106	105		
GGL DE 0360208999	Simon P	PO	Semino	Board	Ghw		62	+245	+0	0	71	+1971	-0,05	-0,05	+0,06	+78	+63	+97	+451	+6	-22	55	+530	100	103	104	103	99	100	101	71	98	102	105	97	101		
Mas DE 0361346010	Rafina		Rio	Kerrigan	Ghw		62	+245	-7	0	71	+1622	-0,02	-0,10	-0,02	+71	+46	+72	+359	-2	-6	54	+597	100	105	105	105	101	104	104	104	71	98	103	110	96	103	
CRV NL 631937036	Delta Composer	RF	Ranger	Finder	Ghw		65	+245	-7	0	72	+1127	+0,19	+0,05	+0,02	+67	+44	+53	+337	+7	-28	60	+491	106	100	105	105	102	106	106	103	74	101	101	106	106	107	
CRV NL 586848551	Delta Leverage		Inductor	Bravo	Ghw		64	+245	-0	0	72	+134	+0,14	+0,33	+0,01	+72	+34	+7	+293	+0	+38	58	+583	103	102	103	110	104	98	103	72	98	101	108	105	106		
OBS DE 0360385508	Suprem		Superhero	Missouri	Ghw		63	+244	-14	0	72	+2801	-0,39	-0,15	+0,06	+73	+80	+135	+522	-29	+3	56	+260	100	103	104	99	103	100	100	71	102	105	101	96	100		
GGL DE 0361214678	Wh Cumali		Cameron	Profit	Ghw		60	+244	-6	0	71	+1477	+0,13	+0,03	+0,05	+76	+55	+73	+407	-73	-9	53	+592	101	100	104	102	105	105	103	69	97	102	109	100	104		
Dek FR 4242646974	Nuberon		Superhero	Silver	Ghw		63	+244	-7	0	72	+805	+0,44	+0,24	+0,03	+77	+51	+40	+383	-20	-27	56	+330	100	106	105	105	102	99	102	103	71	105	104	109	100	107	
Exc DE 0359619234	Acajou Ch Kendo		Kerrigan	Racer	Ghw		62	+244	-0	0	71	+1533	-0,05	-0,04	+0,04	+60	+57	+74	+362	+7	-5	56	+486	104	101	105	99	105	104	102	71	105	102	110	99	107		
GGL DE 0770936193	Gin Cosinus Et		Vh Crown	Malinus	Ghw		59	+244	+6	0	69	+1389	+0,22	-0,02	+0,01	+81	+46	+64	+378	-4	-2	52	+501	104	100	105	105	102	106	103	104	69	98	101	110	99	104	
DE 0359689841	Fighter		Finder	Racer	Ghw		64	+244	+6	0	72	+1301	+0,00	+0,06	+0,05	+55	+51	+64	+344	+13	+17	59	+469	103	102	109	103	101	104	102	72	100	102	105	102	104		
CRV CA 13567606	Progenesis Intricate		I Pursuit	Achiever	Ghw		59	+243	-17	0	69	+1150	+0,46	+0,00	-0,02	+89	+40	+51	+379	-16	+11	51	+346	103	103	107	104	101	104	102	69	100	102	107	100	104		
Mas DE 0362342236	Montezmo		Merryguy	Jesst	Ghw		61	+243	-19	0	71	+964	-0,08	-0,20	-0,05	+40	+33	+49	+336	-18	+18	53	+440	106	102	107	104	105	98	100	71	97	100	109	100	104		
Kam NL 562674437	Red Rocks White Dot	RF PO	Wisent Rf	Wisent Rf	Ghw		61	+243	-6	0	71	+382	+0,23	+0,43	+0,04	+37	+53	+14	+299	-25	+20	55	+446	104	104	105	100	102	99	104	71	95	100	111	100	104		
CRV NL 735712436	Delta Jubekob P	PO	Barclay	Powerplay P C	Ghw		65	+243	-5	0	73	+220	+0,63	+0,32	+0,04	+66	+37	+6	+282	-2	-15	60	+539	104	103	105	107	103	102	104	72	102	103	106	105	107		
Mas DE 0360044741	Intercity	PO	Imax	Doorsopen	Ghw		62	+243	-9	0	71	+1608	-0,15	-0,19	+0,04	+52	+36	+78	+260	-2	-7	55	+718	106	103	103	102	102	100	104	71	102	105	111	101	106		
CRV NL 743430180	Delta Bonjour		Sidekick	Guard	Ghw		65	+243	-9	0	72	+391	+0,18	+0,10	+0,04	+33	+23	+22	+170	-10	+7	58	+591	106	107	110	102	102	97	104	72	96	99	110	102	105		
Mas DE 1405723810	Sha Gepard Rdc	RF	Gwyer Rdc	Gatelande	Ghw		59	+242	-11	0	69	+2182	-0,19	-0,01	+0,05	+72	+75	+105	+490	-5	-17	51	+366	102	100	102	101	103	95	99	69	101	103	108	99	104		
GGL DE 0361912864	Halifax P	PO	Hotspot P	Kerrigan	Ghw		61	+242	-70	0	71	+1345	-0,02	-0,23	-0,04	+58	+70	+57	+420	-9	-11	55	+401	99	108	104	101	103	108	103	71	97	102	110	96	102		
CRV US 3204165022	Denovo Groot		Glitz	Frazzled	Ghw		60	+242	-25	0	70	+1210	-0,08	+0,06	-0,10	+43	+48	+45	+301	-30	-10	52	+620	103	106	110	104	103	97	103	70	99	102	106	96	101		
CRV US 3148929209	Sandy-Valley Earthwalker		Skywalker	Modesty	Ghw		62	+242	+7	0	71	+322	+0,54	+0,27	+0,05	+63	+36	+19	+286	-5	+76	53	+415	103	104	111	106	105	109	100	71	89	97	110	100	102		
Mas DE 1404580535	Hubertus		Altitopshot	Altitopshot	Ghw		62	+242	-2	0	71	+608	-0,11	-0,06	+0,08	+46	+35	+60	+251	+71	-17	54	+474	100	107	110	105	102	108	106	71	92	100	111	100	102		
CRV NL 632593598	Delta Paddock PP	PP	Sunfit P	Laurent P Rf	Ghw		62	+242	-25	0	71	+580	+0,23	+0,10	-0,04	+46	+30	+23	+227	-40	+1	55	+487	105	105	104	105	101	99	107	71	100	101	103	107	105		
K&L FR 7261295251	Nacasah		Superhero	Rubicon	Ghw		63	+241	-6	0	72	+669	+0,53	+0,25	+0,04	+79	+47	+34	+669	-12	-8	56	+363	101	105	105	99	101	99	103	71	99	105	107	100	104		
GGL US 3134971749	Fusedent Superhero Lavante		Superhero	Rubicon	Ghw		63	+241	-9	0	72	+1324	-0,05	-0,04	-0,04	+61	+50	+56	+350	-78	-13	56	+439	101	104	106	99	104	97	101	71	101	104	110	102	107		
Mas DE 3205611043	Kings-Ransom License		Legacy	Pinnacle	Ghw		60	+241	-2	0	70	+1402	-0,03	+0,00	+0,08	+56	+49	+56	+335	+1	+22	51	+456	104	104	105	103	106	103	100	70	93	101	109	99	102		
Mas DE 0540402381	Genesland Gordon		Gordon	Missouri	Ghw		62	+241	-5	0	71	+1134	+0,06	+0,10	-0,05	+54	+49	+47	+328	-7	+13	55	+561	103	102	104	101	105	97	103	71	100	102	107	102	105		
Tot NL 940038369	Drouner Classic		Dg Charley	Silver	Ghw		65	+240	-3	0	72	+1667	-0,06	-0,13	-0,04	+64	+44	+80	+339	-7	+38	58	+586	102	102	106	101	103	103	103	72	93	98	104	100	100		
Mas US 3148934625	Hurley		Huey	Legendary	Ghw		60	+240	-17	0	70	+1123	-0,28	-0,01	+0,05	+76	+38	+56	+332	+4	+31	51	+456	100	102	103	99	104	104	107	71	95	99	113	101	106		
Tot US 3143986576	Siemens Cd Pairing 31607		Cascade	Granite	Ghw		59	+240	-15	0	69	+1093	-0,36	-0,12	+0,04	+82	+26	+54	+295	+33	+25	52	+420	103	106	102	100	103	106	102	69	99	102	112	100	106		
CRV NL 710500955	Delta Warrior		Best Benz	Lendro	Ghw		60	+240	-7	0	70	+1404	-0,32	-0,10	-0,10	+27	+48	+74	+277	-7	+34	55	+624	103	103	105	103	107	95	105	73	96	96	108	100	103		
CRV NL 547123844	Delta Sustain		Nobel	Baltikum	Ghw		61	+240	+5	0	70	+674	+0,14	+0,08	+0,07	+42	+31	+37	+226	+6	+17	56	+617	106	106	103	106	102	98	102	71	101	103	109	103	107		
GGL DE 0361607797	Highfly P	PO	Hotspot P	Bestboss	Ghw		61	+239	+3	0	71	+1382	+0,08	+0,24	-0,01	+67	+73	+62	+459	-77	+1	53	+425	101	101	103	99	104	105	99	71	93	103	108	98	102		
CRV US 3142181270	Peak Matchup		Altitopshot	Altitopshot	Ghw		63	+239	+22	0	71	+2009	-0,14	-0,09	+0,02	+70	+60	+94	+421	+32	+12	56	+335	101	102	111	105	105	102	102	72	97	102	103	98	100		
Kam NL 632592108	Vdr Sting		Barclay	Maliki	Ghw		64	+239	-6	0	72	+1277	+0,10	+0,14	-0,07	+64	+59	+51	+392	+7	+10	58	+554	101	99	103	103	102	104	105	72	101	101	104	103	104		
CRV NL 870509524	Delta Builder P	PO	Esperanto	Powerball P	Ghw		64	+239	-1	0	72	+721	+0,38	+0,18	+0,03	+67	+42	+36	+324	-6	-10	59	+409	101	104	102	105	102	100	107	72	98	102	109	103	106		
GGL NL 714466680	Peeldijker Converse		Concert	Silver	Ghw		65	+239	-7	0	72	+1035	-0,02	-0,06	-0,08	+46	+30																					

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

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

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

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Augustus 2021

Ki Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B	N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lon	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	Lvd	Udh	Fer	Cal	DCE	Tem	MS	CLW	Rel	F	DS	U	F&L	T			
Melkdoel Zwart										Productie										Functioneel										Exterieur									
Kam	NL 667461369		Florisant	Floris	Commander	Glv	61	+228	-10		0	70	+639	+0,37	+0,05	+0,01	+62	+27	+30	+€50	-16	-9	54	+372	103	104	103	102	102	97	104	70	104	101	111	107	111		
Mas	DE 0360987631	RF	Mb Goliat Rdc	Gwyer Rdc	Gatedancer	Glv	59	+227	-17		0	69	+2044	-0,20	-0,07	+0,01	+65	+64	+94	+€227	-22	+31	51	+455	102	100	104	102	103	97	100	69	99	101	106	96	101		
Adv	DE 012258740		Sandy Gh Bonbon	Board	Ballisto	Glv	65	+227	-2		0	72	+1391	-0,35	+0,05	+0,07	+23	+54	+71	+€291	+13	+44	58	+701	107	100	103	102	105	95	101	79	106	104	109	102	108		
Kam	NL 941989044		Peeldijk Populist	Barrage	Fanatic	Glv	63	+227	-17		0	71	+1205	-0,22	-0,04	+0,00	+29	+38	+55	+€332	-7	+44	58	+523	104	105	107	101	102	98	103	73	104	103	101	105	105		
CRV	US 3139851859		Peak Shero	Superhero	Ransom	Glv	62	+226	-7		0	71	+1170	-0,10	+0,10	-0,02	+60	+51	+51	+€350	-74	-23	56	+450	101	105	107	104	106	105	105	72	106	105	100	98	101		
Dek	FR 8578618411		Pirate Lp	Keith	Spark	Glv	61	+226	-16		0	71	+1114	+0,02	+0,05	+0,04	+49	+44	+55	+€300	-17	-7	53	+686	105	102	100	103	102	96	101	71	100	103	112	98	106		
GGL	DE 0362020453	RF PG	Gga Mali P	My Dream P	Ballisto	Glv	61	+226	-17		0	71	+841	+0,08	+0,19	+0,03	+43	+48	+41	+€299	-37	-28	53	+595	104	104	102	100	102	98	102	71	101	105	107	100	105		
Mas	US 3143953039		Superday	Superhero	Rubicon	Glv	63	+225	-14		0	72	+2067	-0,14	+0,00	+0,02	+72	+72	+97	+€476	-7	+1	56	+256	99	100	102	100	100	97	99	71	99	103	108	101	105		
GGL	DE 0360987638	RF	Gavito	Gwyer Rdc	Gatedancer	Glv	59	+225	-14		0	69	+1567	-0,02	+0,04	+0,00	+64	+59	+72	+€398	-11	-24	51	+503	103	100	103	101	103	99	101	69	102	102	108	98	105		
CRV	NL 632175000		Delta Sturdy	Ranger	Paragon	Glv	64	+225	-23		0	72	+297	+0,47	+0,22	+0,06	+56	+30	+19	+€46	-7	-103	59	+417	104	104	104	103	103	99	103	73	106	105	112	110	114		
CRV	US 3215743595		Co-Co Tombola-Et	Altaazzle	Achiever	Glv	59	+224	-7		0	69	+449	+0,87	+0,20	+0,05	+100	+34	+25	+€357	-7	+34	51	+284	100	105	104	101	102	104	104	69	102	99	104	98	102		
CRV	NL 684260976		Veenhuizen K&I Bodi	Board	Ballisto	Glv	64	+224	+6		0	72	+1046	+0,05	+0,15	+0,07	+49	+51	+55	+€329	-7	-22	58	+591	104	102	101	102	102	99	103	71	98	103	107	99	103		
Tot	DE 0540252660		Berlin	Benz	Superhero	Glv	62	+224	-5		0	71	+940	+0,08	+0,16	+0,04	+63	+48	+39	+€309	-26	-4	54	+374	100	108	109	104	107	106	101	71	101	101	107	97	103		
CRV	US 3143160100		Peak Amplus	Monterey	Glv	62	+224	-5		0	71	+517	-0,01	-0,16	+0,01	+63	+26	+70	+€301	-7	+40	56	+342	103	106	112	106	102	101	98	71	95	97	104	97	98			
CRV	NL 585572464		Delta Andros	Jafin	Jorben	Glv	62	+224	-5		0	71	+397	+0,45	+0,12	+0,05	+58	+25	+23	+€231	-2	-59	56	+491	109	104	101	104	103	99	103	72	104	105	104	106	97		
CRV	US 3209641491		Level-Plain Offside	Altalawson	Achiever	Glv	58	+223	-9		0	69	+1127	+0,56	+0,18	+0,03	+104	+57	+54	+€468	-14	+48	51	+309	99	102	105	101	105	108	97	68	97	99	105	105	109		
CRV	NL 646891474		Delta Shermans	Rafter P Rf	Glv	60	+223	-14		0	72	+571	+0,55	+0,25	+0,12	+77	+47	+37	+€356	-17	+34	61	+472	101	99	102	101	102	97	104	62	97	99	103	100	101			
CRV	NL 684617547		Delta Shelter	Inductor	Silver	Glv	65	+223	-9		0	73	+1169	-0,08	+0,06	+0,09	+42	+35	+62	+€50	-16	-16	58	+508	103	106	97	99	104	99	102	73	102	105	115	102	110		
CRV	NL 889152452	PO	Delta Landlife P	Barrage	Rafter P Rf	Glv	63	+223	-3		0	71	-25	+0,52	+0,27	-0,03	+45	+23	-4	+€188	+1	-46	57	+449	105	110	105	101	101	99	106	72	97	102	102	102	102		
CRV	US 3200824812		Peak Bullrush	Positive	Glv	60	+222	-7		0	70	+1174	-0,57	-0,07	+0,07	+107	+48	+47	+€336	-7	+18	52	+284	103	102	103	99	104	103	98	71	101	100	109	94	102			
Mas	NL 571956700		Heidenskipster Spitfire	Salvatore Rc	Montross	Glv	63	+222	-2		0	72	+1067	+0,26	-0,06	+0,12	+71	+31	+61	+€295	-6	+7	56	+370	103	104	104	103	106	102	103	72	100	105	112	99	107		
GGL	DE 0359258686		Figo	Finder	Supershot	Glv	65	+222	-7		0	73	+417	+0,46	+0,22	+0,01	+60	+35	+20	+€276	+7	-26	61	+517	104	104	107	105	103	99	102	73	100	104	104	102	104		
Tot	US 3202768388		Midus-Touch T206	Riveting	Haroldo	Glv	60	+222	-77		0	70	+1203	-0,12	-0,15	+0,18	+33	+27	+73	+€215	-9	+6	51	+509	104	106	104	98	101	103	103	70	101	105	115	101	104		
CRV	US 3149335089		Peak Morant	Altamontoya	Modesty	Glv	62	+221	+5		0	71	+1056	+0,48	+0,23	-0,02	+92	+60	+46	+€353	+12	+33	55	+303	99	100	105	98	105	107	100	71	97	102	108	97	102		
CRV	NL 712948157		Delta Nobel	Topgear	Mobile	Glv	70	+221	-14		0	72	+248	+0,24	+0,20	+0,02	+32	+27	+13	+€182	+7	-28	69	+520	109	102	103	100	100	94	104	84	103	105	105	107	108		
GGL	DE 0123058657		Jackson	Jameson	Penley	Glv	61	+220	-3		0	71	+1233	-0,10	+0,02	+0,03	+42	+45	+59	+€290	-15	-32	55	+530	107	101	105	102	101	98	101	71	101	103	110	100	106		
GGL	DE 0770111419		Batur	Basement	Tribune	Glv	62	+220	-9		0	71	+1141	-0,12	-0,04	-0,09	+36	+36	+43	+€236	-9	+29	55	+619	103	105	104	108	98	96	104	70	97	100	101	101	100		
Kam	NL 714461889		Apina Skyhigh	Accord	Abel	Glv	64	+220	+2		0	72	+656	+0,11	+0,06	-0,02	+38	+29	+28	+€207	-5	-3	58	+424	105	106	102	104	99	100	103	73	99	102	107	105	106		
CRV	US 3150687548		Pine-Tree Engineer	Pursuit	Prophecy	Glv	59	+219	-77		0	69	+672	+0,51	+0,24	-0,08	+77	+46	+23	+€357	+7	+8	51	+434	101	103	104	98	107	105	100	70	97	101	107	99	102		
GGL	DE 1405865658	PO	Baron P	Batch P	Glv	61	+219	-7		0	71	+522	+0,58	+0,13	+0,06	+76	+30	+29	+€291	-16	+53	53	+578	103	101	100	101	99	104	102	71	90	97	108	101	99	101		
Tot	FR 5344216790		Neal	Dg Charley	Mardi Gras	Glv	63	+219	-9		0	72	+889	-0,02	+0,00	+0,14	+36	+31	+54	+€219	-9	+33	56	+565	104	103	105	106	108	105	103	72	96	101	109	102	105		
Kam	NL 673227830		Ross Umpire	Modesty	Platinum	Glv	64	+219	-2		0	72	-70	+0,42	+0,13	-0,01	+34	-8	-2	+€108	+3	+56	58	+487	103	106	110	110	99	107	106	72	93	99	113	104	107		
CRV	NL 579506147	PP	K&I Groenibo Alves PP	Adlon P	Mission P	Glv	59	+218	-15		0	69	+973	+0,39	+0,13	-0,06	+80	+47	+39	+€372	-10	-19	52	+392	101	101	105	98	102	96	101	70	104	105	109	101	97		
CRV	US 3150687399		Pine-Tree Flightplan	Legacy	Glv	60	+218	-27		0	70	+1127	+0,22	+0,04	+0,03	+70	+43	+48	+€338	-29	+50	52	+446	103	103	102	103	104	103	101	70	92	98	104	97	98	108		
CRV	NL 886313025	RF PP	Delta Seeder PP	Mingo P Rf	Fun P	Glv	61	+218	-3		0	70	+576	+0,51	+0,18	-0,03	+77	+37	+29	+€312	-7	+43	54	+205	106	103	101	105	104	99	100	70	92	98	106	102	102		
CRV	NL 673916736		Lowlands Greenport	Leonardo	Danno	Glv	64	+218	-5		0	72	+228	+0,51	+0,25	+0,05	+56																						

$$NVI_{dubbel\text{doel}} = 0,35 \cdot I_{net} + 0,09 \cdot I_{vd} + 5,2 \cdot UGH + 5,2 \cdot VRU + 5,2 \cdot U_{ier} + 6 \cdot \text{Beenwerk} + 2 \cdot GEB + 5,2 \cdot VLi$$

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

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

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

Perspublicatie stierindexen Zwartbont genomisch zonder dochters

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Ki Stiernummer	Stiernaam	Erf-fact	Vader	M-vader	B N	Bt	NVI	+/-	dtrs	Bt	kgM	%V	%E	%L	kgV	kgE	kgL	INET	+/-	BVK	Bt	Lvd	Ugh	Vru	Gin	Geb	KA	MS	Kgh	Bt	F	T	U	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									
Kam NL 584593572	Koepon Powerset		Jetset	Bookem	Gfw	69	+173	+7	0	73	+33	+0.49	+0.23	+0.08	+45	+22	+9	+187	-70	-9	68	+463	108	99	103	99	106	102	101	81	99	101	113	100	107				
CRV US 3205027117	Maplehurst Banner		Crimson	Blowtorch	Gfw	60	+172	+3	0	70	+2003	-0.01	-0.04	+0.06	+84	+65	+98	+472	+10	-38	51	+172	99	99	102	99	106	103	96	70	101	103	102	98	101				
GGL DE 0360175110	Olinio		Outlast	Altaspring	Gfw	62	+172	-10	0	71	+4	+0.20	+0.09	+0.08	+18	+8	+7	+73	-30	-18	55	+403	105	107	106	99	101	95	102	71	106	105	113	102	111				
DE 0770544819	Minercraft P	PO	Mission P	Silver	Gfw	63	+171	-20	0	72	+1415	+0.02	-0.04	-0.06	+62	+53	+58	+365	-70	+11	56	+205	97	100	102	100	102	100	100	71	102	103	107	101	105				
Kam NL 681815388	Poppe Feel Good		Louxor	Denethor	Gfw	63	+171	+6	0	71	+721	+0.32	+0.20	-0.08	+61	+44	+25	+316	+5	-8	57	+213	102	99	103	98	102	100	101	72	100	102	104	103	104				
GGL DE 1269513509	Mandos		Magister	Missouri	Gfw	64	+171	+3	0	72	+1490	-0.32	-0.08	+0.05	+30	+44	+73	+285	+0	-16	60	+366	100	102	105	105	103	101	102	72	103	103	107	100	105				
Kam NL 654340846	De Pettershoeve Jetbead		Jetset	G-Force	Gfw	70	+167	-3	0	73	+41	+0.57	+0.23	+0.04	+52	+22	+5	+201	-3	-24	63	+330	106	100	102	101	101	98	102	81	103	103	110	103	108				
Mas US 3131618031	A-Team		Modesty	Damaris	Gfw	63	+167	-4	0	72	+417	+0.11	+0.13	+0.04	+28	+27	+23	+176	-7	+41	58	+326	101	103	108	103	101	106	104	72	99	101	107	100	104				
CRV NL 586809457	Delta Jonk	RF	Wisent Rf	Bolt Rf	Gfw	66	+167	-26	0	72	-42	+0.01	+0.07	-0.05	-1	+5	-6	+17	-17	-18	60	+504	108	108	104	98	106	100	104	73	96	104	108	101	104				
AWE FR 7261004177	Eba Norton		Holine	Kingboy	Gfw	64	+166	+73	0	72	+827	+0.27	-0.08	+0.11	+61	+21	+48	+229	+79	-64	58	+209	102	102	105	101	101	103	102	72	101	104	112	104	108				
CRV NL 685976711	Delta Larry	RF	Bram Rf	Maestro Rf	Gfw	66	+166	-2	0	73	-186	+0.55	+0.40	+0.04	+40	+28	-5	+197	-10	-13	61	+377	103	104	99	101	105	100	103	73	103	103	100	104	103				
Kam NL 759464746	Katersburg Willem		Wisent Rf	Bookem	Gfw	65	+166	-4	0	72	+833	-0.24	+0.00	+0.01	+12	+29	+39	+156	-7	+2	59	+374	102	103	106	102	104	102	104	73	103	104	111	101	108				
CRV US 3141958681	Bush-Bros Certify		Spectre	Mr Oak Delco B	Gfw	63	+163	-3	0	71	+884	-0.25	-0.02	-0.01	+62	+33	+98	+277	-72	+58	58	+216	101	102	108	100	103	105	99	72	101	94	100	98	98				
CRV NL 641412783	Vvh Racon		Altarabo	Repairman	Gfw	65	+162	-6	0	72	+992	-0.01	-0.02	-0.02	+41	+33	+47	+236	-6	+14	61	+136	102	103	104	103	102	109	100	72	96	100	110	100	104				
GGL DE 0540415158	Basis PP	RF PP	Batch P		Gfw	61	+162	-12	0	71	-71	+0.71	+0.07	-0.12	+59	+4	+7	+142	-23	+13	53	+623	104	102	99	102	105	103	101	71	96	102	109	101	104				
Kam NL 756313762	Brakels Finale		Finder	Impression	Gfw	67	+161	-9	0	72	-71	+0.49	-0.24	-0.02	+40	+19	-5	+160	-3	+31	62	+477	106	98	110	100	101	99	100	61	99	101	110	100	105				
GGL DK 05609302667	Stable	RF	Styx	Ballisto	Gfw	62	+160	-7	0	71	+1306	-0.17	-0.13	+0.05	+38	+32	+65	+231	-6	+8	55	+362	101	100	101	107	100	104	102	71	94	100	108	103	104				
Kam NL 622923033	Newhouse Racon		Magister	Platinum	Gfw	65	+160	-11	0	73	+920	-0.03	-0.07	-0.04	+36	+25	+38	+190	-26	-35	61	+500	103	105	99	98	102	100	101	73	105	105	109	97	105				
Kam NL 588762347	Bernie		Vh Bahram	Malcolm Rf	Gfw	62	+159	-5	0	72	+985	-0.08	-0.06	-0.12	+50	+42	+33	+267	-71	-21	55	+231	99	101	102	101	100	107	100	71	98	102	104	105	104				
DE 0539782083	Superglu		Superhero	Headliner	Gfw	62	+159	-15	0	71	+710	+0.27	+0.07	-0.09	+56	+31	+24	+252	-26	+17	56	+368	101	102	102	99	102	99	102	71	97	102	107	96	101				
K&L FR 7954021108	Newstar		Louxor	Capital Gain	Gfw	63	+159	-2	0	71	+1011	-0.04	-0.04	-0.10	+39	+31	+56	+226	+2	-54	56	+238	106	100	101	99	105	101	99	72	105	104	117	101	112				
CRV NL 941103651	Vormhoeve Lex		Extreme	Ballisto	Gfw	65	+157	-15	0	72	+447	+0.41	+0.17	-0.04	+38	+17	-1	+148	-75	-33	57	+532	104	103	104	103	101	96	102	72	104	106	107	100	106				
Adv NL 661603408	Noard Easter Jesse		Jedi	Mccutchen	Gfw	64	+156	+7	0	72	+2222	-0.52	-0.20	+0.12	+37	+55	+115	+338	-7	-37	59	+333	102	100	106	102	107	104	98	72	102	102	107	93	101				
Kam NL 606684859	Poppe Red Hot Baricco	RF	Barolo	Snow Rf	Gfw	64	+156	-18	0	72	+677	+0.26	+0.15	+0.02	+53	+38	+33	+277	-9	+17	59	+334	100	103	98	101	98	102	99	71	96	98	107	97	102				
CRV US 3135379077	Romance Furtivo		Achiever	Josuper	Gfw	61	+156	-19	0	71	+715	+0.34	-0.10	-0.06	+63	+15	+27	+202	-28	+13	56	+247	101	105	105	95	103	104	100	71	98	101	106	99	102				
Kam NL 653191887	Kik All Inclusive	RF	Bitcoin	Commander	Gfw	63	+154	+6	0	72	+754	+0.28	+0.12	+0.07	+59	+38	+41	+292	+4	-22	57	+33	100	102	100	102	102	98	100	71	104	106	107	104	107				
CRV US 3130001832	Intense-Com Sutton		Bourbon	Supershot	Gfw	63	+153	+2	0	72	+1632	-0.35	-0.05	-0.01	+33	+52	+74	+305	+73	-13	57	+281	102	102	101	102	104	100	98	72	104	103	102	97	101				
Kam NL 625042383	De Vlog Elmar		Basta	Titanium	Gfw	64	+153	-10	0	72	+873	-0.08	-0.02	-0.05	+31	+32	+45	+210	-23	-48	58	+471	103	98	106	103	102	104	100	72	102	104	108	106	107				
GGL DE 0540130147	Wildor Berum	PO	Batch P	Superhero	Gfw	61	+150	-25	0	71	+1100	-0.18	-0.01	+0.07	+29	+37	+57	+230	-32	-53	53	+416	101	100	102	99	102	99	102	71	104	104	111	101	108				
GGL DE 0122629464	Starello	RF	Styx	Galaxy	Gfw	62	+149	-5	0	71	+1034	-0.22	-0.13	-0.08	+22	+23	+39	+152	-77	-6	55	+249	102	103	102	103	100	102	102	71	98	101	110	104	107				
CRV US 3142710599	Maplehurst Eagle		Spectre	Josuper	Gfw	64	+147	-2	0	72	+1682	-0.01	-0.25	-0.02	+78	+38	+83	+345	-7	+28	56	+283	99	98	105	101	106	105	95	72	100	102	103	96	106				
GGL NL 628758138	Hunter K&L Rm Elegant		Esperanto	Doorsopen	Gfw	65	+146	-8	0	73	-31	+0.24	+0.03	-0.10	+20	+2	+7	+52	-4	-41	60	+193	104	104	104	98	103	100	105	73	100	104	118	106	113				
CRV US 3148093491	Siemens Doc Hardy		King Doc	Monterey	Gfw	63	+145	-4	0	71	+1755	-0.14	-0.15	+0.02	+60	+45	+82	+335	-2	-9	56	+149	98	100	100	100	101	106	100	72	100	99	110	98	104				
Kam NL 621975552	Big Kofu		Jetset	Brawler	Gfw	65	+141	-2	0	72	-415	+0.75	+0.37	+0.02	+46	+17	-17	+161	+7	-7	61	+408	105	100	102	101	105	100	100	73	103	102	112	99	107				
Mas DE 0953021002	Rho Pepper		Mr Puma	Dolph	Gfw	61	+140	-7	0	71	+593	+0.26	+0.12	-0.03	+50	+32	+24	+243	+4	+43	53	+113	100	101	102	103	101	100	104	70	98	99	106	98	101				
AWE FR 2939812859	Petton Nacio P	PO	Sillian	President	Gfw	61	+140	-13	0	70	+384	+0.25	+0.05	+0.05	+39	+18	+22	+162	+3	-21	55	+263	101	102	104	99	103	101	100	71	98	102	113	103	108				
Kam NL 580721340	Poppe Red Hot Armani	RF	Board	Snow Rf	Gfw	67	+137	-5	0	72	+374	+0.40	+0.18	-0.01	+53	+30	+16	+240	-2	-6	59	+173	104	99	100	101	101	100	100	80	103	104	103	103	106				
Kam NL 621975569	Big Mindset		Jetset	Brawler	Gfw	69	+137	+4	0	72	+305	+0.28	+0.15	+0.07	+39	+24	+20	+186	-13	+4	69	+357	106	100	104	99	106	100	100	81	104	102	109	95	105				
Tot DE 0359756080	Bg Roland		Trend	Liquid Gold	Gfw																																		