

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	Sti	Sti	Er-fa	M-vader	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-fa Sire	MGS	Rel	NVI	+/-	laur	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T										
Melkdoel Zwart					Productie										€										Functioneel										Exterieur									
					pnt										€																													
CRV	NL 620605386	Delta Ribbon	Louxor	Jol	62	+336	n	0	69	+1617	+0.00	+0.13	-0.03	+69	+70	+71	+453	n	+31	52	+766	108	105	102	102	104	97	103	71	100	100	105	99	102										
Tot	DE 0540415190	Dg Dv Simax	Imax	Jedi	62	+334	+3	0	68	+1731	+0.15	-0.05	-0.02	+89	+55	+77	+436	+31	+7	53	+775	105	105	108	102	102	99	104	71	103	104	109	100	106										
CRV	NL 695054560	Delta Craftsman	Benz	Topgear	66	+326	n	0	75	+1578	+0.01	+0.10	+0.01	+68	+65	+73	+431	n	-19	52	+610	108	105	106	100	103	100	105	69	102	103	105	102	105										
CRV	NL 916132992	Delta Nippon P	Hotspot P	Bemell	61	+325	n	0	66	+947	+0.11	+0.28	-0.07	+51	+60	+36	+364	n	-5	52	+498	104	109	109	106	103	103	104	69	101	102	113	104	110										
	DE 0667337098	Best Benz	Benz	Damaris	61	+323	+59	0	66	+1976	-0.21	+0.01	+0.11	+61	+70	+102	+446	+58	+39	51	+665	103	105	106	102	103	104	103	69	95	100	108	101	103										
Mas	DE 0540499486	Genesland Bellroy	Benz	Finder	61	+321	+13	0	66	+1369	+0.02	+0.17	+0.09	+60	+65	+72	+414	+2	+2	52	+571	106	107	103	106	104	99	103	69	98	102	109	102	106										
Mas	NL 588627231	Hul-Stein Crownmax	Imax	Profit	63	+315	+24	0	68	+1592	+0.25	-0.01	-0.01	+94	+54	+72	+440	+39	+27	52	+658	104	103	104	101	99	99	105	71	98	102	108	102	105										
Tot	DE 0540682571	Gen Rave	Ood Franchise R	Finder	61	+315	n	0	66	+697	+0.52	+0.21	+0.01	+79	+44	+33	+356	n	-7	52	+594	108	108	107	105	102	93	103	69	98	105	108	101	105										
CRV	NL 678449129	Delta Eloy	Jacuzzi	Finder	61	+313	n	0	66	+1163	+0.37	+0.11	+0.06	+86	+51	+59	+407	n	-10	53	+509	105	104	105	98	100	99	104	70	102	103	108	108	110										
CRV	BE 418630184	Delta Lawrence	Trust	Barley	61	+312	n	0	66	+1465	-0.11	+0.09	+0.05	+51	+60	+72	+375	n	+45	52	+677	104	103	103	102	101	101	106	69	97	99	109	106	107										
	US 3147118734	Genosource Captain-Et	Charl	Famear Tango S	59	+309	n	0	69	+1892	+0.27	-0.04	+0.00	+109	+62	+86	+509	n	+51	43	+461	102	105	105	103	103	105	69	95	97	106	99	101											
CRV	NL 658335550	Delta Trevor	Javino	Vh Stu	61	+308	n	0	66	+1220	+0.22	+0.16	+0.06	+74	+59	+62	+416	n	+22	52	+567	104	106	102	102	98	97	104	70	100	97	103	104	103										
Tot	NL 626251510	Dg Eagle	Imax	Montross	63	+307	-1	0	68	+2165	+0.07	-0.05	-0.04	+100	+70	+94	+525	+30	+22	53	+474	102	105	105	101	104	97	101	71	100	101	105	98	102										
DK	260718	Tirsadv Hotspot Grand	Hotspot P	Sniper	67	+307	n	0	64	+1256	-0.31	-0.04	+0.00	+22	+40	+57	+227	n	-11	44	+919	112	109	109	109	102	100	97	65	94	103	111	99	104										
Tot	DE 0540362468	Calvin	Casino	Finder	61	+306	+7	0	66	+2150	-0.17	-0.03	+0.02	+72	+71	+100	+472	+0	+3	52	+550	102	103	104	108	101	103	105	70	97	100	105	104	104										
CRV	NL 865710894	Midwolder Martin	Adorable	Penley	64	+303	+10	0	68	+2144	-0.18	-0.05	-0.02	+71	+69	+96	+461	-8	-17	55	+591	104	102	103	97	105	103	105	71	100	104	108	103	106										
	NL 566684562	Zandenburg Daley	Benz	Battlecry	66	+301	+14	0	74	+979	-0.02	+0.12	-0.01	+40	+46	+44	+286	-4	-4	55	+849	110	107	105	104	97	98	74	96	102	107	102	104											
	DE 0361838685	Rioaveso	Ood Franchise R	Bandares	60	+300	n	0	68	+1504	+0.04	+0.01	-0.01	+68	+53	+68	+381	n	-14	46	+793	110	103	104	98	100	98	68	98	104	106	101	104											
Tot	DE 0770497966	Nh Sunview Mitch	Kernan	Balisto	65	+299	-3	0	69	+1507	+0.36	+0.09	+0.07	+101	+62	+76	+489	+10	+21	56	+666	105	98	107	100	101	101	104	72	102	101	108	99	104										
GGI	DE 0667146583	Hellmuth's Pik As	Pinterault	Hotshot	61	+297	+5	0	66	+674	+0.46	+0.23	-0.09	+72	+45	+22	+342	+21	+5	52	+616	105	107	102	106	104	96	101	69	97	101	106	107	106										
CRV	NL 665667174	Delta Floris	Empire	Reflector	62	+297	+0	0	66	+699	+0.38	+0.10	+0.06	+66	+34	+38	+289	-4	-2	53	+730	103	104	107	109	104	100	106	71	103	102	111	100	112										
GGI	DK 0246800493	Charles	Dg Charley	Silver	65	+296	-4	0	69	+2064	-0.15	-0.11	+0.03	+71	+60	+97	+424	-1	+2	57	+569	104	103	106	102	107	103	104	72	101	104	108	102	106										
CRV	NL 562602414	Delta Joskin P	Handy P Rf	Silver	63	+296	+5	0	66	+1442	-0.09	-0.02	+0.07	+52	+48	+73	+328	+28	-8	56	+697	104	105	107	100	104	105	107	71	98	105	112	102	108										
CRV	NL 743430180	Delta Bonjour	Sidekick	Guard	65	+296	-15	0	69	+631	+0.14	+0.11	+0.04	+40	+32	+33	+225	-14	+17	56	+613	107	112	108	101	102	98	103	72	95	97	110	101	104										
GGI	US 3142323606	Scurpion	Pine-Tree Wilde	Bandares	58	+294	+16	0	66	+1311	+0.25	+0.14	+0.07	+81	+60	+67	+436	+9	-22	51	+572	101	104	106	97	105	103	102	69	102	103	110	104	108										
OBS	DE 0360175040	Royce	Roxy B	Supershot	64	+294	-2	0	69	+1690	-0.21	-0.11	+0.08	+50	+47	+86	+324	+39	+57	56	+698	106	106	105	107	104	100	101	70	91	97	114	98	103										
	US 3205251413	SS-I Bg Renegade Darnell-Et	Renegade	Rowdy	51	+292	n	0	58	+2256	-0.06	-0.08	+0.00	+89	+70	+103	+505	n	-8	37	+529	104	104	104	95	100		63	99	101	103	98	100											
CRV	NL 620605425	Delta Recording PP	Hotspot P	Concert	61	+292	n	0	66	+1481	+0.03	+0.23	+0.03	+66	+75	+71	+467	n	+24	52	+554	101	102	104	106	100	103	102	70	96	101	108	103	105										
	DE 0361525422	Benetton	Benz	Board	60	+292	+11	0	66	+2361	-0.26	-0.13	+0.06	+71	+68	+115	+462	+25	+17	52	+620	104	102	102	101	101	104	101	69	97	98	110	100	104										
CRV	BE 214053521	Delta Podcast	Simba	Laurent P Rf	62	+292	-16	0	68	+1009	+0.30	+0.13	+0.03	+72	+48	+49	+363	-5	-22	53	+626	106	103	108	101	103	96	107	70	103	105	106	103	106										
	US 3143986627	Siemens Bravefighter-Et	Timberlake	Siemens Tinct	53	+291	n	0	61	+2197	-0.13	-0.01	+0.00	+79	+75	+100	+503	n	-9	37	+518	102	105	105	101	103		63	97	101	104	97	100											
	US 3204988540	Terra-Calroy Kingbird-Et	Solution	Outlast	51	+290	n	0	58	+1761	-0.10	-0.09	+0.00	+64	+52	+80	+372	n	-40	37	+716	109	104	109	102	102		63	101	105	105	100	104											
GGI	DE 1504336100	Garett	Garick	Altaspring	62	+290	-1	0	66	+2114	-0.44	-0.13	+0.01	+41	+59	+98	+357	+6	-1	52	+640	106	105	104	103	104	101	103	69	101	103	108	102	106										
CRV	NL 565113832	Velder Starmaker	Adorable	Mobile	63	+290	-14	0	68	+108	+0.53	+0.27	-0.07	+52	+28	-1	+224	-13	+4	56	+590	108	109	108	101	107	97	106	72	96	103	107	104	105										
	NL 547344399	K&I Sp Storm	Spark Red	Finder	65	+289	n	0	73	+2288	-0.15	-0.09	+0.00	+80	+70	+104	+486	n	+13	55	+528	105	103	101	104	102	98	74	100	102	105	99	102											
CR	NL 598753212	Lowlands Blessing	Jethro	Final	62	+288	-16	0	67	+937	+0.26	+0.23	+0.06	+65	+55	+49	+377	-14	-5	54	+535	105	102	104	109	102	100	106	71	101	10													

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

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

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

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Ki	Stiernummer	Stiernaam	Erfa-fa	Vader	M-vader	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-fa	Sire	MGS	Rel	NVI	+/-	lau	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T										
Melkdoel Zwart						Productie										€										Functioneel										Exterieur									
GGI	NL 659209256	Broeks Freemax		Imax	Modesty	63	+275	-5	0	68	+1288	+0.11	+0.05	+0.04	+66	+50	+63	+363	+8	+16	53	+503	104	104	106	100	101	104	102	71	98	102	114	100	107										
CRV	NL 667323913	Newhouse Jayvano	RF	Esperanto	Penley	63	+275	+0	0	66	+1277	-0.14	+0.15	+0.00	+40	+60	+58	+347	-3	-27	56	+468	104	106	104	104	101	99	102	71	100	102	108	106	108										
	NL 627328264	Lato K&I Cs Storm		Casino	Finder	66	+274	n	0	74	+1211	+0.43	+0.12	+0.00	+95	+54	+55	+437	n	+34	55	+518	103	104	106	107	103	101	74	97	99	102	99	99											
Mas	NL 715952290	Topstone		Altatopshot	Rubicon	64	+274	-2	0	68	+1736	-0.12	-0.08	+0.06	+61	+52	+86	+367	+7	-13	55	+570	102	106	105	98	99	99	105	71	101	104	108	100	105										
	DE 0540402386	Gen Goodlife		Gordon	Missouri	61	+274	+18	0	69	+1339	-0.04	+0.01	+0.00	+53	+48	+61	+326	-24	+9	47	+687	109	105	105	104	102	99	71	97	101	106	98	101											
Mas	DE 0360044741	Intercity		Imax	Doorsopen	63	+274	+18	0	68	+1796	-0.18	-0.22	+0.04	+57	+39	+86	+305	+32	-14	53	+604	107	105	104	103	102	101	103	71	102	104	111	102	108										
CRV	NL 731719510	Willem's-Hoeve Rapper		Esperanto	Jetset	63	+273	+3	0	66	+1557	+0.18	+0.01	+0.06	+85	+55	+77	+427	-11	-23	56	+376	105	101	105	103	104	101	105	71	102	105	108	103	107										
CRV	NL 573352412	Lowlands Trust		Vh Stu	Vitesse	65	+273	+1	0	69	+1717	-0.21	-0.05	+0.02	+51	+54	+80	+353	+1	+8	57	+570	106	102	103	102	99	97	102	72	102	101	106	106	107										
	CA 13483268	Peak Odometer		Altacabot	Hurtgenica Ydr	50	+273	n	0	57	+1464	+0.08	-0.06	-0.01	+70	+45	+66	+351	n	-24	37	+543	104	106	108	104	103	62	92	101	107	100	101												
	DK 260699	Tirsvad Horspot Google		Hotspot P	Sniper	55	+273	n	0	63	+1202	-0.14	+0.01	-0.01	+37	+43	+54	+270	n	-20	43	+692	105	109	105	103	100	100	64	97	104	110	102	106											
	US 3151783891	Welcome-Tel Heart 85635-Et		Renegade	Frazzled	50	+272	n	0	57	+1546	+0.09	-0.03	-0.01	+75	+51	+70	+388	n	-61	37	+577	106	105	103	97	103	62	103	104	109	101	107												
	US 3141657524	Blumenfeld Frazd Basic-Et		Frazzled	Altaspring	60	+272	-5	0	70	+1958	-0.16	-0.21	+0.00	+66	+45	+89	+350	+0	-2	45	+692	109	103	103	99	102	100	71	98	102	108	99	103											
CRV	NL 710287748	Delta Founder		Nobel	Jupiler	61	+272	n	0	66	+1749	-0.38	+0.00	-0.05	+34	+61	+75	+344	n	+9	52	+415	104	104	104	102	100	99	103	70	102	103	106	108	108										
CRV	NL 668082914	Zandenburg Virgil		Accord	Reflector	62	+272	+7	0	66	+614	+0.08	+0.21	+0.01	+34	+41	+29	+248	+0	-73	53	+606	108	107	107	103	102	97	100	100	104	104	108	107											
GGI	DE 0540130080	Wilder Intro		Imax	Jedi	63	+271	+24	0	68	+1100	+0.31	+0.09	+0.04	+77	+47	+54	+371	+24	+0	53	+471	102	105	105	102	102	106	103	71	99	103	111	102	107										
	US 3205436526			Altacabot	Bandares	51	+271	n	0	58	+883	+0.53	+0.11	+0.00	+89	+41	+40	+367	n	-16	37	+679	108	102	108	103	103	63	100	103	105	100	103												
	US 3204164967	Denovo 15729 Jonathan-Et		Cimson	Frazzled	53	+271	n	0	61	+1638	-0.03	-0.07	-0.01	+66	+50	+74	+366	n	-13	37	+606	106	105	108	101	102	63	97	104	107	98	102												
CRV	NL 729539557	Weelder Empire		Bravo	G-Force	69	+271	+1	0	69	+601	+0.47	+0.21	+0.03	+70	+41	+30	+324	+23	+20	61	+567	105	105	105	109	103	94	103	86	95	95	103	104	101										
Tot	FR 1442242412	Lieu Thomain Baltazar		Dg Charley	Pepper	65	+271	-9	0	69	+1268	+0.02	-0.04	+0.06	+56	+40	+64	+301	-11	+20	57	+516	108	104	108	102	100	97	103	72	92	99	105	103	102										
CRV	US 3200824479	Peak Shawarma		Milktime	Jedi	58	+270	-7	0	66	+2610	-0.26	-0.16	+0.01	+81	+72	+120	+501	+12	-39	52	+522	104	103	105	102	102	99	99	69	102	102	98	99	99										
	US 3204456993			Renegade	Dg Charley	50	+270	n	0	57	+1627	+0.10	-0.08	+0.00	+79	+48	+74	+385	n	-30	37	+587	103	105	106	97	103	62	104	103	107	102	106												
	DE 0361701364			Casino	Hotshot	54	+270	n	0	61	+1412	-0.01	-0.01	+0.00	+59	+48	+64	+340	n	+57	40	+552	107	105	107	104	102	66	93	97	102	99	98												
CRV	NL 946221484	Delta Treasure		Finder	G-Force	72	+270	-4	0	78	+576	+0.03	-0.04	+0.05	+27	+16	+31	+132	-46	-8	59	+568	111	110	109	106	100	101	101	72	98	102	112	105	109										
GGI	DE 1603891478	German Boy		Gymnast	Silver	63	+269	-9	0	68	+2363	+0.05	-0.11	+0.04	+106	+70	+112	+543	+7	-19	53	+323	101	99	105	100	102	101	101	71	103	104	107	102	106										
Mas	DE 0953061754	Gigantix		Gymnast	Livemore	63	+269	+4	0	68	+1945	-0.05	-0.04	+0.00	+77	+63	+89	+447	+8	-4	52	+516	103	99	106	100	101	104	101	71	101	102	110	103	107										
CRV	NL 899486563	Midwolder Movement		Regard	Trigger	68	+269	+7	0	69	+2251	-0.22	-0.16	+0.05	+71	+61	+108	+432	+2	+6	61	+527	104	100	105	108	103	105	104	85	104	102	100	104	104										
CRV	NL 884786706	Delta Yes		Ranger	Malki	62	+269	+9	0	66	+1602	+0.04	-0.05	+0.03	+72	+51	+76	+383	+2	-12	54	+334	103	104	98	101	97	97	104	70	106	104	111	107	112										
Mas	DE 0954382841	Benwick		Benz	Supershot	62	+269	-6	0	66	+1740	-0.27	-0.01	+0.08	+45	+60	+88	+367	-8	+26	52	+503	104	105	106	101	105	103	101	69	102	102	111	98	106										
	DE 0539391998	Cashpoint		View-Home Cash	Balisto	69	+269	-2	0	77	+724	+0.46	+0.21	+0.00	+75	+45	+33	+352	-20	+39	56	+697	107	102	102	104	103	103	102	71	98	100	107	99	103										
	US 3146617798	Delicious Charl Mixer-Et		Charl	Jedi	52	+269	n	0	59	+1023	+0.09	+0.02	-0.01	+52	+38	+46	+279	n	+20	39	+699	107	107	106	101	102	64	99	101	109	98	104												
CRV	NL 965020507	Willem's-Hoeve Woody		Ranger	Jetset	62	+268	-19	0	66	+1770	+0.11	+0.02	+0.08	+87	+64	+89	+472	-13	-13	53	+468	106	96	102	100	101	99	104	70	105	103	109	103	108										
	US 3205611021	Definite		Renegade	Imax	50	+268	n	0	57	+1729	+0.11	+0.01	-0.01	+85	+61	+78	+452	n	-57	37	+480	102	106	102	99	102	62	104	104	106	100	105												
CRV	NL 598218711	De Vrendt Jingle		Reloader	Paragon	64	+268	n	0	72	+1504	+0.08	+0.02	+0.10	+72	+54	+79	+393	n	-18	58	+606	104	101	105	101	101	98	104	76	103	104	104	104	106										
	US 3205436481			Altacabot	Altatopshot	52	+268	n	0	59	+1138	+0.27	+0.06	-0.01	+75	+46	+51	+361	n	-26	38	+598	106	104	108	105	100	63	99	104	108	100	105												
Alt	US 3147224052	Peak Altaleap		Quantum	Altaspring	54	+268	+8	0	62	+969	+0.13	+0.17	+0.00	+54	+50	+44	+332	+7	-19	40	+670	109	105	104	100	104	100	66	99	104	109	97	103											
	DK 260967	Tirsvad Hotspot Great		Hotspot P	Sniper	56	+268	n	0	62	+1380	-0.19	+0.01	-0.00	+39	+49	+63	+302	n	-21	44	+730	109	105	106	105	102	100	65	96	102	109	98	103											
	US 3200059944	Melarry Ssi Rengd Forbes-Et		Renegade	Frazzled	50	+267	n	0	57	+1622	+0.22	+0.01																																

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	Stiennummer	Stiennaam	Erfa-faVader	M-vader	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-fa Sire	MGS	Rel	NVI	+/-	lau	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T
Melkdoel Zwart					Productie														€					Functioneel					Exterieur					
GGI	CA 13025326	Saturn	S-S-1 Silver So	Barley	61	+264	-5	0	66	+1662	+0.30	-0.07	+0.01	+102	+51	+77	+446	+15	-17	52	+417	104	100	103	100	102	104	102	70	96	103	111	102	106
	NL 620133335		Charl	Gymnast	56	+264	n	0	63	+1779	+0.09	-0.04	+0.00	+85	+58	+81	+441	n	+19	40	+529	103	102	103	101	104		63	97	99	105	100	102	
	US 3123607001		Mr Dynasty Nash	Noble	52	+264	n	0	59	+1588	-0.01	+0.12	-0.01	+66	+68	+72	+439	n	-5	37	+561	102	105	104	101	101		63	95	102	102	98	99	
	US 3204164922	Denovo 15684 Camaro-Et	Crimson	Frazzled	53	+264	n	0	61	+1666	+0.11	-0.03	+0.00	+82	+55	+76	+421	n	+4	37	+549	103	103	108	102	102		63	98	103	104	99	101	
CRV	NL 648817776	Tirsvad Natan	Adagio-P	Doorsopen	64	+264	-17	0	69	+1909	-0.16	-0.06	+0.02	+64	+60	+89	+407	-7	+4	55	+339	103	104	104	97	103	99	102	72	102	103	110	101	107
	US 3206205233	S-S-1 Rengade Improbable-Et	Renegade	T-Spruce Profit	50	+264	n	0	57	+1407	+0.15	+0.00	+0.00	+75	+49	+64	+378	n	-31	36	+522	105	105	102	98	103		62	103	102	111	100	107	
GGI	DE 0122835701	Sagun	Sharpe	Bolano	63	+264	-17	0	68	+1172	+0.25	+0.08	+0.05	+75	+49	+59	+376	+15	+48	52	+480	101	105	103	98	104	100	99	71	96	101	112	101	106
	US 3206709170	Kahlua	Kenobi	Medley	51	+264	n	0	58	+1404	+0.09	-0.02	+0.00	+69	+51	+64	+373	n	+16	38	+615	106	104	106	106		98		63	97	102	109	95	102
K&L	DK 0105440312	Vh Bosman Bahrain	Vh Bosman	Vh Service Serg	65	+264	-17	0	69	+1000	+0.14	+0.24	-0.08	+56	+58	+38	+367	-8	+33	56	+426	103	105	103	103	101	100	101	71	90	96	104	104	101
CRV	NL 652767120	Delta Esteem	Lendor	Finder	61	+264	+4	0	66	+78	+0.79	+0.36	-0.05	+74	+35	-1	+299	+23	+7	52	+643	104	102	102	96	102	98	107	70	103	99	109	106	109
CRV	NL 888475752	Delta Claas	Lunar	Concert	62	+264	n	0	67	+691	+0.26	+0.19	-0.01	+54	+42	+31	+295	n	+11	53	+638	103	103	105	104	103	99	104	70	102	102	106	108	108
	DE 0361214577	Weh Hogan	Hotspot P	Eclair	60	+264	n	0	68	+550	+0.27	+0.16	+0.00	+49	+34	+25	+250	n	-2	46	+771	113	102	102	100	104	98		69	91	103	112	101	105
	FR 2213517149	Palma P	Keith	Locean	54	+264	n	0	62	+1443	-0.33	-0.09	-0.01	+27	+41	+65	+244	n	-21	42	+893	112	102	101	92	104	98		64	101	103	110	103	108
	DE 0361229595	Vh Yngvar	Dozer	Yoda	59	+264	-29	0	66	+471	+0.40	+0.05	-0.01	+57	+21	+21	+212	-12	+16	46	+770	110	104	107	103	102	104		68	97	103	114	101	108
Mas	US 3148929305	Savant	Kenobi	Rubicon	58	+263	-17	0	66	+1924	-0.02	-0.01	+0.02	+79	+66	+90	+464	-6	+21	52	+285	100	106	108	102	105	103	97	70	98	102	105	99	102
Adv	NL 943741794	Ground Lake Invictus Supply	Imax	Supershot	63	+263	+2	0	68	+2143	-0.17	-0.08	+0.02	+72	+66	+100	+452	+18	+4	53	+454	102	102	103	100	102	99	101	71	102	102	110	99	106
	US 3205703985		Mr Dynasty Nash	Medley	50	+263	n	0	57	+1466	+0.16	-0.01	-0.01	+79	+50	+66	+391	n	-23	36	+580	102	106	107	103	102		62	97	104	103	100	101	
	NL 625041927	Jansje's Stantons Adorable	Adorable	Baltikum	67	+263	+6	0	74	+1656	-0.08	-0.03	-0.01	+62	+54	+75	+374	-10	-37	58	+486	108	103	101	98	101	99		77	103	104	108	103	107
	US 3146616169	St Gen Noble Dubai-Et	Noble	Mr Day Dearing	53	+263	-5	0	61	+1347	+0.04	-0.01	-0.01	+61	+46	+61	+335	+7	-4	39	+613	104	107	107	102	102		63	98	102	109	97	103	
Sem	CA 12857690	Pine-Tree-I Pursuit	Imax	Profit	60	+263	-21	0	70	+1273	-0.01	-0.07	+0.00	+53	+37	+58	+280	-20	-31	45	+749	107	105	107	106	106		71	103	104	108	102	107	
	DE 0540269178	Holder P	Hotspot P	Kernigan	61	+263	+22	0	69	+679	+0.15	+0.10	+0.00	+43	+33	+31	+235	+2	-3	47	+810	109	106	107	102	104	99		69	97	102	113	97	105
	US 3205428537	S-S-1 Rengade Rashan-Et	Renegade	Achiever	50	+262	n	0	57	+1684	+0.27	-0.05	-0.01	+100	+53	+76	+450	n	-22	37	+470	102	103	104	96	103		62	104	103	106	101	105	
	US 3200059869	Melarry Ssi Franklin-Et	Cookiecutter Lg	Frazzled	53	+262	n	0	61	+1505	+0.24	-0.02	-0.01	+89	+50	+68	+412	n	+36	37	+557	105	103	106	98	100		63	92	98	107	94	98	
	US 3143986643	Siemens Roletz-Et	Altazarek	Frazzled	53	+262	n	0	61	+1325	+0.21	-0.01	-0.01	+78	+45	+60	+366	n	-31	37	+567	105	104	107	103	102		63	99	105	109	100	105	
	NL 685695366	Peak Altazarek-Et	Altatopshot	Rubicon	56	+262	+13	0	65	+1570	+0.00	-0.05	-0.01	+67	+49	+71	+363	+20	-15	42	+618	106	103	104	103	102	102		67	97	104	109	100	104
STG	US 3146616313	St Gen Noble Dinero	Noble	Mr Mogul Delta	54	+262	+4	0	62	+1070	+0.23	+0.01	-0.01	+68	+38	+48	+313	+16	+23	39	+724	109	105	105	106	100		64	94	102	105	95	99	
	CA 12719098	Progenesis Maurice	Eugenio	Profit	56	+262	+10	0	64	+1562	-0.11	-0.13	+0.00	+55	+41	+71	+305	+18	+23	43	+572	106	105	107	104	106	104		67	97	100	111	99	104
	DE 0361230613	Roman	Royce	Finder	61	+262	+0	0	69	+1319	-0.14	-0.03	+0.00	+42	+43	+60	+283	+37	+16	47	+505	105	104	107	103	98	104		69	98	98	112	106	109
	CA 13353905	Progenesis Beaujolais	Altaexplosion	Guarantee	53	+262	n	0	61	+529	+0.45	+0.13	+0.00	+65	+31	+24	+271	n	-4	37	+702	107	107	110	105	100		63	98	102	106	98	102	
	NL 699059134	Hul-Stein Ferm	Imax	Jedi	66	+261	+7	0	75	+2558	-0.17	-0.09	-0.01	+89	+79	+116	+546	+94	-8	55	+409	98	102	104	101	106	104		74	102	102	105	98	102
OBS	DE 0360385508	Suprem	Superhero	Missouri	65	+261	+9	0	69	+2787	-0.40	-0.15	+0.09	+72	+80	+138	+521	+15	+3	56	+347	102	103	104	96	104	100	99	72	101	105	101	97	100
	US 3150997170		De-Su Frazz Tah	Flagship	52	+261	n	0	59	+1941	-0.04	-0.08	-0.01	+78	+59	+88	+432	n	+20	37	+434	104	103	107	103	106		63	97	100	105	97	100	
CRV	NL 670583621	Delta McNulty Rf	Skippy	Bram Rf	58	+261	n	0	66	+1706	-0.02	+0.03	+0.04	+70	+63	+82	+430	n	-52	53	+569	105	99	103	99	103	102	105	70	102	105	105	103	106
	US 3150457501	Preston Ssi 5715 Zizzle-Et	Melary Frazzle	Slamdunk	53	+261	n	0	61	+1171	+0.34	+0.02	+0.00	+84	+43	+53	+369	n	+8	37	+539	106	103	106	99	101		63	99	102	106	100	103	
Mas	DE 0540402381	Giesland Gordon	Gordon	Missouri	62	+261	+3	0	66	+1330	+0.02	+0.07	-0.03	+58	+53	+58	+357	+8	+4	52	+549	103	104	106	104	106	97	102	70	100	103	106	102	105
CRV	NL 620478904	Creiljand Tuner	Accord	Danno	62	+261	+2	0	66	+732	+0.33	+0.18	-0.03	+63	+43	+31	+318	+20	-4	54	+521	105	102	107	110	98	97	107	70	101	103	102	106	105
CRV	NL 719787292	Delta Prominent	Treasure	Laurent P Rf	61	+261	-7	0	66	+1007	+0.04	+0.09	+0.01	+47	+44	+47																		

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	Erfa-faVader	M-vader	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-fa Sire	MGS	Rel	NVI	+/-	lvd	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T									
Melkdoel Zwart					Productie										€										Functioneel										Exterieur									
CRV	US	3143407598	Melarry Frazz Arrowhead-Et	Frazzled	Profit	55	+258	+9	0	64	+1017	+0.21	-0.02	+0.00	+64	+33	+46	+284	-12	+34	39	+615	110	105	110	106	101	101	66	94	100	101	97	97										
	CA	13269232	Progenesis Venito	Challenger	Jedi	66	+258	+8	0	75	+968	+0.03	+0.06	+0.03	+44	+40	+47	+271	-4	+18	52	+376	103	113	110	103	104	104	101	69	95	102	107	96	100									
	CA	13353580	Progenesis Progress	Medley	Bandares	54	+258	+9	0	62	+594	+0.23	+0.07	+0.00	+47	+27	+27	+218	+7	-11	38	+747	108	106	105	100	103	64	99	103	112	102	108											
CRV	NL	572153333	Delta Denim	Skippy	Esperanto	57	+257	n	0	65	+843	+0.51	+0.24	-0.02	+85	+53	+37	+407	n	-16	52	+407	104	99	103	106	102	101	107	69	103	102	106	105	107									
	US	3205435951	Perry	Discjockey	Hotline	51	+257	n	0	58	+1839	-0.07	-0.12	-0.01	+70	+51	+83	+381	n	-62	37	+511	106	101	104	99	102	63	101	104	114	103	110											
	CA	111184629	Maheufils Alphagen Art	Altamontoya	Franchise	53	+257	-13	0	61	+1133	+0.21	+0.12	-0.01	+69	+51	+51	+369	-1	-42	38	+493	109	102	106	101	99	63	100	104	110	99	105											
	US	3200825135		Altaexplosion	Frazzled	51	+257	n	0	58	+1266	+0.18	+0.02	-0.01	+72	+46	+57	+357	n	-12	37	+555	105	105	109	102	104	63	99	103	107	97	102											
	US	3204988610	Khalil	Kenobi	Frazzled	53	+257	n	0	60	+1227	+0.17	+0.03	+0.00	+69	+46	+56	+350	n	-3	38	+647	108	104	107	103	102	64	99	104	105	95	100											
	CA	13353569	Progenesis Manhattan	Positive	Guarantee	53	+257	-13	0	61	+1323	+0.19	-0.04	+0.00	+75	+42	+60	+348	-43	-31	37	+675	107	104	105	102	101	63	106	105	108	97	105											
	DE	0008167014	Keross	Kernigan	Montross	62	+257	-11	0	69	+1402	-0.02	+0.00	+0.07	+57	+49	+71	+342	+17	-10	56	+735	104	104	104	97	101	97	102	72	99	102	110	97	104									
	FR	4974973537	Platon	Keith	James Bond	55	+257	n	0	63	+1363	-0.09	+0.03	+0.00	+49	+50	+62	+327	n	-36	43	+627	109	101	107	102	105	101	64	105	104	109	102	108										
	IT	36909580805	Passini Reddington Cd	Quantum	Battlecry	47	+257	+0	0	53	+1039	+0.14	+0.09	+0.00	+58	+45	+47	+320	+11	-11	35	+642	108	105	101	101	101	55	99	102	106	100	103											
GGI	NL	597646670	K&I Gn Boudy	Gymnast	Rubicon	63	+257	-8	0	68	+981	+0.21	+0.09	-0.05	+62	+43	+40	+319	-11	-4	53	+499	105	104	107	95	103	98	100	71	102	103	109	103	107									
	DE	0540239293	Otorino	Hotspot P	Battlecry	60	+257	n	0	68	+923	+0.10	+0.13	+0.00	+49	+45	+42	+300	n	-13	47	+615	106	105	104	102	100	101	69	98	102	111	101	106										
	US	3205436019		Timberlake	Altarobson	51	+257	n	0	58	+775	+0.19	+0.18	+0.00	+51	+44	+35	+298	n	-43	37	+674	104	107	106	102	103	63	98	105	111	100	106											
CRV	DE	0540259057	Predator	Pharo	Missouri	61	+257	+36	0	69	+584	+0.38	+0.17	-0.01	+61	+36	+26	+284	+4	+7	48	+703	111	102	102	99	100	99	72	98	100	114	98	106										
	NL	613944582	Delta Longbow	Barrage	Rafter P Rf	62	+256	-18	0	66	+1403	+0.19	+0.17	-0.04	+79	+66	+60	+455	+3	-22	53	+496	104	100	101	101	98	101	107	70	100	103	100	100	100									
	US	3204165516	Denovo 16278 Kinetic-Et	Kenobi	Achiever	53	+256	n	0	61	+1958	-0.15	-0.07	+0.00	+67	+61	+89	+418	n	-25	38	+572	107	102	104	100	99	63	100	104	108	95	102											
ABS	US	3150307021	Bomaz Fynn	Frazzled	Rubicon	54	+256	-32	0	62	+1443	+0.30	-0.04	-0.01	+92	+46	+65	+401	-13	-9	39	+472	105	102	108	105	99	65	97	103	103	100	101											
	DE	0361840681	Vh Lerche	Lightstar	Penley	57	+256	n	0	63	+1636	+0.01	-0.03	-0.01	+70	+54	+74	+391	n	-11	44	+519	104	105	103	98	101	99	65	100	101	105	99	102										
	NL	734345503	K&I Poppe Goal	Adorable	Cinema	67	+256	-17	0	74	+1845	-0.16	-0.12	+0.00	+61	+51	+84	+362	-22	-37	58	+544	106	101	103	98	102	103	77	99	103	114	103	109										
CRV	NL	573364710	Delta Skippy	Paragon	Vitesse	65	+256	+3	0	69	+473	+0.63	+0.28	-0.09	+79	+43	+13	+346	+2	-30	58	+422	106	104	102	99	98	99	105	72	105	103	109	101	107									
	CRV	NL 879587024	Vlagberg Droost	Louxor	Regard	63	+256	+1	0	68	+959	+0.22	+0.13	-0.07	+62	+46	+37	+330	-2	+25	52	+624	106	101	99	101	103	96	106	71	102	101	109	101	106									
	US	3205436548		Altacabot	Frazzled	51	+256	n	0	58	+759	+0.44	+0.10	-0.01	+74	+36	+34	+313	n	-7	37	+657	109	104	105	102	97	63	99	102	104	99	102											
	DK	260968	Tirsad Review Nice	Review	Battlecry	57	+256	n	0	64	+1650	-0.30	-0.13	+0.00	+38	+44	+75	+283	n	-26	46	+713	111	102	102	96	100	97	66	104	103	109	102	107										
	FR	7936613922	Powell	Hardrock	Hotshot	55	+256	n	0	63	+1178	-0.00	-0.13	-0.01	+50	+28	+53	+236	n	-5	43	+545	107	108	107	98	104	104	64	96	103	109	102	105										
CRV	US	3145229850	Peak Lukaku	Eldorado	Rubicon	61	+255	-2	0	69	+1763	+0.09	-0.20	+0.06	+84	+40	+87	+367	+6	+5	55	+429	104	104	107	108	103	98	98	70	98	103	108	102	105									
	US	3205436794		Timberlake	Altarobson	51	+255	n	0	58	+1650	-0.13	-0.11	+0.00	+56	+46	+75	+329	n	-30	37	+681	106	103	106	103	104	63	101	105	112	99	107											
	DE	0540695931	Hardy	Hagar	Legendary	59	+255	n	0	67	+628	+0.50	+0.16	-0.01	+74	+37	+28	+316	n	+14	45	+679	101	106	105	104	104	105	68	93	98	113	99	104										
OBS	DE	0360208954	Felix	S-S-I 1stclas F	Montross	64	+255	+6	0	69	+1084	+0.15	+0.03	+0.03	+61	+41	+52	+312	+13	-12	53	+427	105	106	107	103	106	100	100	71	99	102	112	101	107									
	NL	682613808	Koepun Raptor	Altatopshot	Altatopshot	54	+255	n	0	61	+278	+0.69	+0.23	-0.01	+75	+31	+12	+288	n	-1	39	+659	103	107	108	107	104	65	97	102	108	100	104											
	DE	0361395670	Yukon	Yoda	Superhero	61	+255	n	0	69	+1291	-0.03	-0.09	-0.01	+52	+36	+58	+274	n	+4	47	+681	109	105	105	97	103	100	71	95	103	110	97	103										
GGI	DE	0667199756	Quentin	Quantum	Balikum	63	+254	+19	0	67	+1274	+0.09	+0.20	-0.05	+63	+65	+53	+415	+15	-71	53	+463	103	104	104	102	105	96	101	70	102	104	108	101	106									
	DE	0361239976	Tnp Canetti	Casino	Kernigan	58	+254	n	0	68	+1962	-0.10	-0.16	-0.01	+72	+51	+89	+387	n	+10	44	+515	104	101	102	95	105	104	67	99	101	115	100	108										
	CA	12652589	Stantons Vh Alberta Et	Adorable	Mr Mogul Delta	61	+254	-29	0	68	+1327	+0.12	+0.06	-0.05	+68	+52	+56	+373	-14	+1	55	+560	104	104	108	104	109	106	103	71	102	103	104	96	101									
CRV	US	3139112660		Riveting	Imax	52	+254	n	0	59	+1341	+0.30	-0.08	+0.00	+87	+39	+61	+361	n	-7	37	+510	106	101	104	97	107	64	102	102	112	102	108											
	NL	883539231	Delta Fisherman	Accord	Missouri	62	+254	+6	0	66	+748	+0.34	+0.26	-0.10	+64	+51	+25	+351	+6	-28	53	+492	106	101	104	107	103	99	103	70	98	104	107	105	106									
	CA	12719163	Progenesis Charley Peter	Dg Charley	Silver	65	+254	+11	0	69	+2015	-0.45	-0.14	+0.06	+37	+55	+98	+333	+14	-16	57	+496	102	105	105	101	104	103	103	72	100	103	109	103	107									
	CA	111351937	Helerent Picolo	Soundcloud	Imax	53	+254	n	0	61	+1431	+0.06	-0.08	+0.00	+67	+42	+65	+332	n	+13	37	+	104	105	105	102	102	63	97	102	107	100	103											
	CA	111351936	Helerent Pnocchio	Soundcloud	Imax	53	+254	n	0	61	+1432	+0.06	-0.08	+0.00	+67	+42	+65	+332	n	+13	37	+577	104	105	105	102	102	63	97	102	107	100	103											
	GGI	DE 0360848342	Saveli	Shape	Missouri	63	+253	-16	0	68	+1945	+0.10	+0.00	+0.01	+93	+68																												

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	Erfa-faVader	M-vader	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-fa Sire	MGS	Rel	NVI	+/-	dau	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	sFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T
Melkdoel Zwart						pnt											€		€															
	NL 642074306	K&I Cs Adriaan	Casino	Kernigan	59	+252	n	0	69	+1422	+0.10	+0.03	-0.01	+71	+53	+64	+386	n	+2	44	+482	104	102	106	102	105	102		67	100	101	109	100	105
	CA 12857929	Ste Odile Expansion	Guarantee	Supershot	60	+252	-12	0	69	+1884	-0.33	-0.03	+0.00	+45	+62	+86	+375	-7	+4	45	+502	106	104	103	99	103	100		71	98	102	103	99	101
	US 3201124981	Richmond-Fd K Baritone-Et	Kenobi	Spectre	53	+252	n	0	61	+1520	-0.01	-0.02	+0.00	+63	+51	+69	+362	n	+40	38	+599	106	102	105	106	102		63	94	99	108	96	100	
CRV	NL 684617547	Delta Shelter	Inductor	Silver	62	+252	+6	0	66	+1504	-0.18	-0.10	+0.07	+45	+42	+76	+290	+12	-26	55	+583	102	108	97	102	104	99	102	71	102	103	114	103	110
CRV	NL 674024775	Delta Jeronimo	Barclay	Bube	65	+252	+17	0	69	+775	+0.18	+0.16	-0.01	+50	+42	+34	+287	+23	-2	58	+605	104	104	106	104	107	103	104	72	102	100	103	105	105
	US 3146616195	St Gen Noble Tacoma-Et	Noble	Jedi	54	+252	+0	0	62	+1133	+0.01	-0.02	-0.01	+49	+37	+51	+270	-4	-8	39	+616	109	108	105	100	103		64	97	103	111	93	102	
	US 3205435952		Discjockey	Hotline	51	+251	n	0	58	+1775	+0.04	+0.00	+0.00	+79	+62	+81	+444	n	-19	37	+385	103	99	102	100	101		63	99	101	114	103	109	
	US 3203845440	Stgen Nash Xander-Et	Mr Dynastey Nash	Frazzled	53	+251	-14	0	61	+1812	-0.07	-0.08	-0.01	+69	+54	+82	+391	+11	+24	37	+524	104	102	106	99	103		63	98	102	103	100	101	
Mas	DE 0360558209	Greatboy	Gymnast	Balisto	63	+251	-4	0	68	+1564	-0.04	+0.02	-0.05	+62	+57	+66	+384	-4	-32	53	+545	102	104	106	105	100	102	71	96	101	108	99	103	
Sem	CA 12773216	Silvridge V Timberlake	Imax	Supershot	56	+251	-16	0	65	+2152	-0.35	-0.15	+0.00	+53	+58	+98	+379	-5	-20	41	+620	104	103	105		102	104	67	101	105	110	97	105	
	US 3145627259	Denovo 14585 Outlay-Et	Quantum	Mr Mogul Delta	54	+251	+7	0	62	+1264	+0.11	+0.08	-0.01	+65	+52	+57	+367	+7	+4	39	+475	105	104	105	98	102		64	99	101	108	98	103	
	US 3200059830	Melary Ssi Husky Finley-Et	Cookiecutter Lg	Frazzled	53	+251	n	0	61	+1839	-0.08	-0.22	-0.01	+69	+41	+83	+338	n	+20	37	+687	107	104	105	99	102		63	95	100	108	93	99	
	US 3151790865	Penn-England Scorer	Solution	Yale	59	+251	-33	0	68	+1252	+0.08	-0.02	+0.00	+61	+42	+57	+317	-94	-11	45	+632	106	103	108	100	101	102		67	98	104	108	100	104
CRV	NL 662437877	Delta Barrage	Final	Maik	67	+251	-8	0	69	+1819	-0.31	-0.17	+0.00	+44	+45	+83	+302	+2	-33	60	+464	106	105	104	103	100	93	104	82	100	102	101	106	104
CRV	NL 586848551	Delta Leverage	Inductor	Bravo	68	+251	+10	0	75	+193	+0.72	+0.28	-0.02	+73	+32	+7	+287	-1	+3	55	+638	104	102	105	107	105	99	103	71	97	100	108	106	107
	UK 7060426043	Denovo Invictus A2a2 Bif By	Achiever	Supershot	54	+251	-13	0	63	+796	+0.30	+0.05	+0.00	+63	+33	+36	+278	-10	+34	39	+618	104	107	106	100	102		66	94	99	107	99	101	
	US 3201859129	Ocd Dutyfree-Et	Challenger	Bandares	49	+251	+5	0	57	+742	+0.25	+0.03	-0.01	+55	+29	+33	+244	+6	+7	33	+744	109	106		100	103		54	96	102	111	98	104	
K&L	DK 032003039	Vh River Ramsey	Vh River	Penley	63	+251	-18	0	68	+911	-0.03	+0.05	+0.06	+36	+37	+47	+241	-19	+24	52	+598	104	107	104	105	102	98	103	71	103	102	105	104	106
	DE 0361628088	Hfp Camper	Casino	Finley	60	+251	-7	0	68	+1264	-0.25	-0.11	-0.01	+28	+33	+57	+211	-56	+1	47	+832	107	104	108	103	104	101		69	95	100	111	102	105
CRV	NL 685665840	Delta Joy	Jol	Bolt Rf	65	+250	-1	0	69	+1703	-0.18	+0.18	-0.02	+53	+78	+76	+454	+6	+1	56	+395	104	98	102	100	103	100	102	72	99	100	104	104	104
	US 3150910903	Lars-Acres Sltm Extrated-Et	Solution	Franchise	51	+250	n	0	58	+1458	+0.23	-0.03	-0.01	+86	+48	+66	+397	n	+18	37	+368	103	102	107	97		104	63	96	100	106	102	103	
	US 3148918945		Mr Dynastey Nash	Dynamo	52	+250	n	0	59	+1276	+0.15	+0.08	+0.00	+69	+52	+58	+376	n	+33	38	+597	103	101	105	105	103		64	94	100	110	99	103	
	US 3204164913	Denovo 15675 Intuitive-Et	Kenobi	Frazzled	53	+250	n	0	61	+1782	-0.16	-0.07	+0.00	+59	+55	+81	+374	n	+22	38	+573	105	103	107	103	103		63	97	101	105	96	100	
	DE 0361877791	Vh Reilly	Ocd Franchise R	Outlay	60	+250	n	0	68	+957	+0.47	+0.09	-0.01	+87	+42	+43	+368	n	-7	46	+498	107	103	109	102	101	100		68	97	102	106	96	100
GGI	DE 1305311425	Metaxa	Missouri	Balisto	70	+250	-10	0	78	+1354	+0.02	+0.07	+0.02	+59	+54	+64	+365	-32	+44	58	+373	103	102	105	101	103	100	102	72	96	97	109	102	104
GGI	DE 0122835602	Gigabyte	Gymnast	Silver	63	+250	+0	0	68	+1579	-0.11	-0.05	+0.04	+55	+50	+76	+343	+22	-18	53	+497	103	104	103	104	103	97	102	71	105	103	111	102	109
	US 3137164315	Danhof Guarantee 12558-Et	Guarantee	Altaspng	61	+250	+16	0	69	+1599	-0.09	-0.09	+0.00	+58	+46	+73	+332	-50	+10	47	+595	111	101	101	95	102	98		71	98	102	110	97	103
Tot	DE 0539063892	Wilder Hong	Superhero	Powerball P	65	+250	+4	0	69	+1739	-0.25	-0.10	+0.03	+47	+50	+83	+329	+10	-6	56	+569	104	105	107	101	99	104	103	72	100	103	112	95	104
	US 3149698983	Gold-N-Oaks Achiever 752-Et	Achiever	Silver	55	+250	-4	0	63	+898	+0.37	+0.03	+0.00	+74	+34	+41	+307	+3	-10	40	+561	107	105	104	100	101		65	99	104	107	100	104	
	US 3200825095		Altaexplosion	Altatopshot	53	+250	n	0	61	+755	+0.34	+0.11	-0.01	+65	+37	+34	+298	n	+9	37	+648	104	105	110	105	102		63	98	103	107	99	103	
	US 3204164789	Denovo 15551 Sublime-Et	Honda	Spectre	52	+250	n	0	60	+429	+0.61	+0.15	-0.01	+75	+29	+19	+282	n	+13	37	+476	106	107	109	105	103		62	101	101	106	99	103	
	NL 676935082	Bwn K&I Simber	Simba	Battlecry	67	+250	-7	0	75	+1223	-0.07	-0.03	-0.01	+45	+40	+55	+275	-13	-23	56	+669	107	103	103	96	102	99		76	97	103	113	103	108
	DE 1504375809	Morriconne	Mr Mastermind	Lightner	59	+250	n	0	68	+752	+0.03	-0.02	+0.00	+35	+24	+34	+182	n	+5	44	+673	108	110	102	99	104	102		67	93	102	112	99	104
	US 3204165156	Keith	Kenobi	Spectre	52	+249	n	0	59	+2136	-0.08	-0.05	-0.01	+82	+69	+97	+484	n	-28	38	+466	102	103	106	101		99	64	103	104	102	95	100	
CRV	NL 766124390	Delta Esbit	Leonardo	Final	62	+249	-7	0	67	+1671	+0.09	+0.09	+0.09	+80	+68	+86	+473	+8	-21	54	+439	104	96	103	100	101	97	102	70	104	103	104	105	106
	US 3205436782		Altacabot	Altacabot	51	+249	n	0	58	+1206	+0.33	+0.06	-0.00	+84	+48	+55	+390	n	+19	37	+486	103	102	108	102	101		63	95	101	105	100	101	
	US 3150687406		Legacy	Guarantee	50	+249	n	0	57	+993	+0.48	+0.09	+0.00	+89	+43	+45	+377	n	-2	36	+413	105	105	107	104	103		62	98	103	107	96	101	
Mas	DE 0361346010	Rafinha	Ocd Franchise R	Kernigan	61	+249	+24	0	66	+1688	-0.02	-0.10	-0.03	+70	+48	+74	+366	+43	+6	51	+644	103	103	103										

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

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

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Ki	Stiernummer	Stiernaam	Erfa-fa	Vader	M-vader	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-fa	Sire	MGS	Rel	NVI	+/-	lvd	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T										
Melkdoel Zwart						Productie										€										Functioneel										Exterieur									
Tot	DE 0361082445	Ossege Hardensetten Lupo Pp	RF	Lucky-Pp	Milford-P	62	+247	-15	0	68	+1312	-0.07	-0.06	+0.04	+49	+40	+64	+286	-16	+76	52	+450	104	105	105	103	99	100	102	71	91	90	106	101	100										
CRV	NL 682613550	Koepen Retreat		Altalawson	Hotline	60	+246	-8	0	66	+466	+0.94	+0.34	-0.06	+107	+48	-16	+426	-8	-30	51	+396	100	103	107	101	104	112	101	69	102	103	107	101	105										
CRV	NL 931002108	Bentehoek Andorra		Lendor	Finder	62	+246	-19	0	67	+1144	+0.17	+0.10	+0.08	+65	+50	+60	+360	+6	+23	53	+471	104	99	106	101	98	98	104	70	100	99	106	104	105										
Gex	NL 648499264	Peak Bonanza		Frazzled	Woodcrest Mogu	55	+246	+1	0	64	+1425	+0.07	-0.08	+0.00	+68	+41	+65	+330	-6	+25	39	+483	106	104	107	99	101		67	94	101	106	98	100											
Tot	DE 0359449298	Bg Rialto		Sixpack	Balisto	63	+246	-12	0	68	+473	+0.46	+0.28	-0.03	+63	+43	+19	+314	-3	-11	54	+501	103	105	103	105	103	100	103	70	98	103	111	101	106										
Dek	DE 0358878741	Melfield		Chevalier	Balisto	65	+246	+10	0	69	+1211	-0.12	+0.06	+0.05	+39	+48	+60	+297	+12	+14	57	+618	107	102	108	102	103	95	102	72	100	103	107	99	104										
CRV	NL 872360891	Manders Dazzel		Finder	Bube	65	+246	-9	0	69	+741	-0.53	+0.00	+0.03	+82	+26	+37	+290	+9	+10	59	+415	103	104	109	98	102	105	102	72	100	98	107	105	106										
ABS	US 3141494507	Denovo 7921 Atrium		Achiever	Mr Mogul Delta	54	+246	-3	0	62	+597	-0.52	+0.07	-0.00	+74	+27	+27	+274	-7	+30	59	+574	106	106	106	104		104	65	99	102	104	100	102											
STG	US 3139405979	Oed Charley Ranger		Dg Charley	Rubicon	64	+246	-12	0	72	+1271	-0.24	-0.12	+0.00	+30	+32	+58	+212	-5	+12	50	+675	107	106	109	103	105	99		73	95	102	108	101	104										
GGI	DE 0360208999	Simon P		Semino	Board	67	+245	+9	0	76	+1969	-0.12	-0.04	+0.04	+71	+64	+94	+440	+24	-27	53	+403	101	104	107	103	99	101	100	70	98	104	104	98	101										
Gex	US 3148279634	Aardema Superfly		Aardema Radical	Co-Op La-Brown	59	+245	-26	0	69	+1810	-0.08	-0.09	-0.01	+68	+53	+82	+385	-39	+31	42	+576	104	101	109	101	104	106		69	94	98	106	96	99										
CRV	NL 589401100	Delta Yeti	RF	Endurance	Silver	62	+245	+7	0	66	+893	+0.33	+0.20	-0.03	+70	+51	+38	+368	+16	-64	54	+455	103	102	105	103	102	100	103	70	102	105	108	105	108										
ABS	NL 742757381	Hunter K&I Oh Bello		Altatopshot	Silver	57	+245	+5	0	66	+1095	+0.18	+0.11	+0.00	+64	+49	+50	+350	+11	-6	43	+488	104	104	104	103	103	97		67	98	104	107	101	104										
CRV	NL 671125486	Delta Reload		G-Force	Finder	71	+245	-4	0	78	+1197	-0.06	-0.07	-0.09	+45	+35	+64	+257	-28	+8	59	+544	104	104	107	104	102	98	103	72	101	103	106	106	107										
GGI	DK 0237140305	Match P	RF PO	Mission P	Silver	65	+244	+0	0	69	+1676	-0.12	-0.10	+0.10	+58	+48	+87	+345	+12	+11	56	+459	103	105	103	97	106	103	103	72	97	102	108	98	103										
Dek	FR 6114354190	Opera		Adonable	Wickham	64	+244	-2	0	68	+1220	-0.01	+0.07	+0.06	+51	+49	+62	+327	-10	-39	55	+467	103	104	104	95	106	102	105	71	103	105	112	101	103										
CRV	US 3143160100	Peak Amplus		Fustead Tango L	Monterey	61	+244	+24	0	68	+1676	-0.06	-0.17	+0.01	+65	+40	+78	+324	+10	+36	54	+440	104	107	110	105	102	101	99	71	94	96	104	96	98										
CRV	NL 547123844	Delta Sustain		Nobel	Baltikum	62	+244	-13	0	66	+615	+0.14	+0.09	+0.09	+39	+30	+37	+216	-10	-30	53	+539	106	108	103	105	101	98	102	70	101	104	110	104	108										
Tot	US 3200815647	Cal-Roy-Al Jazz		Kenobi	Hotline	60	+243	+15	0	66	+1749	+0.22	+0.11	-0.02	+98	+73	+78	+529	+87	-29	52	+349	101	99	105	102	104	102		69	103	102	111	96	105										
GGI	DE 0122629481	Garido		Gymnast	Penley	63	+243	-9	0	68	+1797	-0.02	-0.08	-0.00	+74	+34	+82	+401	-10	-17	52	+344	102	102	106	100	103	99	101	71	102	104	109	102	107										
Mas	DE 0359556232	Keith		Kerngan	Balisto	65	+243	+15	0	69	+1609	-0.16	+0.02	+0.01	+52	+58	+75	+370	+23	-4	56	+658	104	101	102	100	102	101	98	72	101	102	111	100	106										
ABS	US 3143060773	Denovo 2872 Pensacola		Skywalker	Woodcrest Mogu	55	+243	-8	0	63	+1349	-0.14	+0.00	-0.01	+71	+47	+61	+360	-8	+37	39	+418	100	105	110	105		104	66	96	101	106	99	102											
Sem	CA 12719068	Progenisis Prosperous		Magnus	Supershot	61	+243	+2	0	71	+1523	-0.10	-0.09	-0.01	+54	+44	+69	+315	-7	-25	46	+637	111	102	101	105	100		72	103	103	109	97	105											
CRV	NL 867252963	Delta Pareto		Dazzel	Laurent P Rf	62	+243	-6	0	66	+730	+0.28	+0.16	+0.06	+58	+41	+39	+302	-2	-33	53	+485	105	103	105	104	101	99	106	70	104	101	105	104	106										
OBS	DE 0361195337	Belami		Benz	Superhero	61	+242	-6	0	66	+1755	-0.16	+0.00	+0.04	+57	+61	+84	+395	+3	+27	51	+409	102	103	105	101	104	102	101	69	99	102	103	100	102										
ABS	US 3145627240	Denovo 14566 Crosby		Dg Charley	Rubicon	57	+242	-2	0	65	+1137	+0.27	-0.02	-0.01	+75	+38	+51	+329	-18	+12	44	+550	106	103	109	103	104	100		88	94	101	102	99	99										
CRV	NL 738287780	Welder Esperanto		G-Force	Final	70	+242	-8	0	69	+1517	-0.13	-0.07	+0.01	+51	+46	+70	+317	-15	-11	70	+303	101	103	104	105	104	102	106	87	98	102	110	108	109										
CRV	NL 889152469	Delta Abundant P	RF PO	Ranger	Fun P	62	+242	+11	0	66	+1133	+0.04	+0.00	+0.13	+52	+39	+65	+289	+14	-48	53	+382	107	104	99	102	100	99	102	70	105	102	111	107	111										
Tot	FR 5344216790	Neal		Dg Charley	Mardi Gras	65	+242	+3	0	69	+914	+0.03	+0.01	+0.15	+42	+33	+56	+240	+17	+23	57	+559	104	106	106	107	108	106	102	72	95	101	109	102	104										
CRV	NL 562601846	Delta Marco	RF	Esperanto	Rafter P Rf	63	+242	+4	0	66	-520	+0.91	+0.40	+0.03	+54	+15	-21	+169	-19	-10	56	+337	104	109	109	112	101	94	108	71	92	99	106	107	104										
Kam	NL 648499303	Koepen Random		Ranger	Board	58	+241	-5	0	66	+1096	+0.16	+0.09	+0.04	+62	+47	+54	+339	-18	-52	53	+351	103	103	104	104	101	104	105	70	103	104	106	107	108										
CRV	NL 668059723	Lowlands Gladiator		Rush Hour Cd	Brentano	66	+241	-10	0	75	+362	+0.37	+0.24	-0.03	+49	+35	+14	+251	-15	-47	53	+393	105	106	106	105	100	98	103	70	106	105	106	108	110										
CRV	NL 664899187	Delta Archie		Treasure	Jorben	61	+241	-1	0	66	+324	+0.54	+0.15	+0.01	+63	+25	+16	+240	-8	-4	53	+541	107	105	104	108	99	99	103	70	102	103	109	102	107										
AWE	DE 1405723149	Bongani		Blowtorch	Altaspring	64	+240	+8	0	68	+1359	+0.17	+0.01	+0.00	+75	+48	+62	+373	+18	-16	53	+389	100	104	102	99	101	105	104	71	99	104	109	102	106										
STG	US 3132349851	Mr Spring Noble		Altaspring	Número Uno	65	+240	-13	0	73	+1778	-0.24	-0.22	+0.00	+50	+39	+81	+289	+1	-15	54	+638	106	106	103	101	103	102		75	100	105	111	96	104										
CRV	NL 661726969	Double W Rotary		Galore	Snowflever Cd	65	+240	-3	0	69	+1163																																		

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	Sti	Sti	Erfa	M	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	Bull	Herfa	MGS	Rel	NVI	+/-	laur	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	sFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T			
Melkdoel Zwart						pnt				Productie							€		€		Functioneel					Exterieur											
CRV	US 3149336967	Peak Carver	Westcoast Fasci	Mr Mogul Delta	58	+234	-14	0	66	+432	+0.62	+0.19	-0.06	+76	+33	+14	+299	+3	+40	51	+485	102	106	106	105	104	103	103	69	98	99	106	97	101			
CRV	CA 13224744	Progenesis Proclaim	Challenger	Modesty	65	+233	-20	0	75	+1204	+0.46	+0.14	+0.00	+97	+56	+55	+450	-28	+25	52	+248	100	102	104	101	100	101	100	69	97	103	110	97	103			
CRV	NL 628758037	Delta Novasol	Barnage	Regard	63	+233	-22	0	67	+1551	+0.09	-0.03	+0.10	+75	+51	+81	+391	+4	+13	54	+489	104	100	102	102	102	99	101	71	100	102	101	102	102			
CRV	US 3142181656	Peak Holcomb	Outlast	Mr Mogul Delta	60	+233	-1	0	68	+965	+0.48	+0.11	+0.01	+88	+44	+45	+379	+8	-1	52	+319	104	103	108	100	102	97	98	71	103	103	111	97	106			
Dek	FR 4242646974	Nuberon	Superhero	Silver	64	+233	-5	0	69	+863	+0.38	+0.22	+0.06	+73	+51	+45	+376	+3	-25	56	+402	102	103	103	101	100	102	103	72	105	105	108	100	106			
Sem	US 3137164268	Regan-Danhof Copyright	Imax	Jedi	60	+233	-30	0	70	+2057	-0.18	-0.21	-0.01	+68	+49	+93	+372	-52	-32	45	+499	105	101	106	103	105	103	71	103	104	112	97	106				
Mas	DE 1405290977	Topmodel	Altatopshot	Silver	64	+233	+12	0	68	+849	+0.40	+0.17	+0.04	+75	+46	+43	+359	+24	-60	55	+454	102	103	104	100	105	99	103	71	105	106	107	103	108			
CRV	NL 883409376	Delta Fitness	Magister	Balisto	65	+233	-11	0	69	+1326	-0.21	+0.05	-0.03	+35	+51	+58	+300	-9	-29	57	+641	107	100	104	101	104	99	103	72	100	105	107	102	106			
CRV	NL 895652300	Carnation Benello	Bemell	Balisto	65	+233	+6	0	69	+928	+0.08	+0.05	-0.02	+47	+37	+40	+262	+19	-16	58	+508	107	103	104	103	104	99	102	72	99	101	105	105	105			
CRV	NL 632175000	Delta Sturdy	Ranger	Paragon	62	+233	+2	0	67	+274	+0.60	+0.20	+0.07	+66	+28	+19	+259	-4	-84	54	+395	104	107	103	103	100	97	102	70	105	106	110	107	111			
GGI	DE 0666847135	Cyrano	Cinema	Shotglass	65	+232	+11	0	69	+2162	-0.22	-0.24	+0.09	+68	+49	+109	+376	+16	+11	58	+488	103	99	103	97	100	99	102	77	100	103	104	104	105			
Tot	NL 940038369	Drouner Classic	Dg Charley	Silver	65	+232	-1	0	69	+1670	-0.09	-0.17	+0.05	+61	+40	+82	+317	+2	+31	57	+407	103	104	104	101	103	103	102	72	93	98	105	100	100			
Sem	US 3150307024	Bomaz Fastball	Frazzled	Ferdinand	55	+231	-23	0	63	+2181	-0.22	-0.26	-0.01	+68	+47	+99	+365	-27	+6	39	+424	104	102	109	102	105	103	66	96	103	105	98	101				
Kam	NL 564906534	Walddass Bazar	Vh Bahrain	Finder	58	+231	n	0	66	+584	+0.56	+0.23	+0.06	+78	+42	+32	+346	n	+7	52	+379	103	102	102	102	101	100	102	70	96	100	106	104	104			
ABS	US 3141494670	Denovo 8084 Entity	Matters	Rubicon	54	+231	n	0	62	+1041	+0.31	+0.00	-0.01	+75	+36	+47	+319	n	+4	39	+509	105	104	106			97	65	99	103	103	99	101				
Sem	CA 13127784	Westcoast Stamkos	RF	Positive	Fortune	59	+231	+20	0	69	+1799	-0.19	-0.19	+0.00	+56	+42	+82	+314	-20	-4	43	+533	103	105	103	99	103	101	70	100	103	111	98	105			
STG	US 3132353418	Mr D-Worth Menace	Butz-Hill Delta	Flamer	54	+231	-24	0	63	+988	+0.25	-0.08	+0.00	+66	+27	+45	+263	+3	+29	39	+622	105	103	105	105		104	66	98	101	110	100	105				
GGI	DE 0122451167	Avicii	De-Su 12138 Am	Montross	64	+231	+5	0	68	+862	-0.12	+0.06	-0.01	+25	+36	+38	+212	+3	-2	56	+645	103	108	107	101	103	108	102	71	100	102	109	99	105			
Mas	DE 0359235304	Bestday	Bestboss	Balisto	65	+230	-3	0	69	+1470	+0.05	+0.12	+0.05	+67	+64	+72	+425	+28	+35	56	+491	102	99	100	100	96	99	71	99	100	109	99	104				
Sem	CA 12949010	Progenesis Maestro	Imax	Duke	55	+230	+2	0	63	+1345	+0.11	-0.05	+0.00	+68	+42	+61	+333	+13	-37	40	+634	105	102	104	101	102	103	66	104	105	108	99	106				
GGI	DE 0123347457	Vof Chacco	Cameron	Dozer	61	+230	+2	0	66	+1806	-0.30	-0.11	+0.00	+45	+51	+82	+328	+9	-53	52	+630	104	102	101	102	105	105	104	69	99	105	109	100	105			
CRV	US 3130395199	Lexvold Slade	Altarobson	Mr Mogul Delta	60	+230	+1	0	68	+284	+0.54	+0.32	+0.07	+61	+39	+19	+294	-13	-39	52	+444	103	105	108	100	106	100	99	71	101	103	106	105	107			
CRV	NL 920287996	Plataan Falcon	Mobile	Paradise	66	+230	+9	0	69	+1093	+0.27	-0.11	+0.01	+73	+27	+51	+279	+18	+41	60	+306	106	105	103	101	102	99	100	72	95	100	103	104	102			
CRV	NL 751116034	De Vrendt Handy P	RF PO	Brekem	Packman	70	+230	+8	0	69	+1194	-0.13	+0.02	+0.05	+38	+44	+60	+278	+35	+29	70	+339	103	107	105	104	105	102	104	86	100	103	104	100	103		
K&L	NL 663441499	K&L's Donsimon	Jetset	Shotglass	63	+229	-37	0	69	+2058	-0.33	-0.05	+0.07	+51	+66	+102	+408	-4	-15	58	+458	108	97	102	104	102	93	102	72	101	103	105	99	103			
STG	US 3138483358	Siemens Charley Merryguy	Dg Charley	Montross	63	+229	+19	0	72	+2031	-0.21	-0.18	-0.01	+63	+51	+92	+369	+12	+20	50	+455	106	101	105			108	102	73	97	100	106	96	100			
Gex	US 3138766426	Co-Op Aardem Subzero	Blumenfeld Spr	Midnight	60	+229	-10	0	70	+1241	+0.11	+0.07	-0.01	+64	+50	+56	+356	+1	+4	44	+503	102	104	103			101	104	70	100	102	109	97	103			
ABS	US 3141494296	Abs Crimson	Spectre	Rubicon	55	+229	+3	0	64	+1090	+0.32	+0.01	-0.01	+78	+39	+49	+338	+1	-4	39	+532	103	104	105	101		101	66	100	104	102	100	102				
CRV	NL 732546041	Delta Janick	Jupiler	Bolt Rf	64	+229	+8	0	68	+680	+0.22	+0.10	-0.08	+50	+33	+23	+247	+1	-18	56	+346	106	105	105	105	100	100	106	72	101	102	106	103	105			
CRV	NL 632593598	Delta Paddock PP	PP	Sunfit P	Laurent P Rf	62	+229	-13	0	66	+751	+0.15	+0.04	-0.01	+46	+30	+33	+230	-6	+0	53	+436	105	104	105	107	101	99	105	70	100	100	103	107	105		
CRV	US 3141558704	Bush-Bros Alloy	Samsung	Mr Oak Delco 37	60	+228	+64	0	66	+1559	+0.22	-0.14	-0.08	+89	+40	+79	+375	+193	+71	31	+431	103	102	102	97	103	98	99	69	84	97	106	97	96			
GGI	US 3134971749	Fustead Superhero Lavonte	Superhero	Rubicon	62	+228	-26	0	69	+1281	+0.04	+0.05	+0.04	+58	+50	+63	+346	-3	-16	56	+464	103	103	101	96	105	96	100	72	101	104	110	101	107			
GGI	NL 622692405	Vissiten Cidre	Cinema	G-Force	65	+228	-21	0	69	+1272	+0.29	+0.07	+0.09	+83	+37	+67	+346	+12	+49	58	+433	104	101	99	98	99	100	99	72	91	100	107	103	103			
Kam	NL 935364071	Kik Divine	Supershot	Altatota	63	+228	+8	0	69	+1159	+0.06	+0.05	+0.03	+55	+45	+56	+317	+17	-7	59	+392	102	106	107	101	101	104	103	72	102	103	100	101	102			
GGI	NL 714486680	Peeldijker Converse	Concert	Silver	65	+228	-8	0	69	+750	+0.03	+0.00	+0.06	+35	+26	+40	+192	-11	-5	57	+518	104	108	102	101	104	102	102	72	102	104	11					

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	Sti	Sti	Erfa	M	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	Bull	Herfa	MGS	Rel	NVI	+/-	dau	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart																			Functioneel										Exterieur									
Mas	DE 0122629390	Lightstar		Lighter		67	+224	-12	0	75	+1364	+0.00	-0.05	-0.11	+58	+42	+51	+309	-30	+8	52	+383	100	107	104	100	102	102	103	70	99	101	105	100	103			
ABS	US 3149432290	Winstar Duluth		Medley		54	+224	-1	0	63	+1059	+0.15	+0.03	+0.00	+60	+40	+48	+304	-7	+14	39	+572	103	103	105	105	102	104	65	98	104	110	100	105				
CRV	NL 673916736	Lowlands Greenport		Leonardo		62	+224	-26	0	67	+464	+0.43	+0.18	-0.01	+60	+33	+20	+267	-21	-14	54	+371	105	104	106	98	102	98	101	71	106	104	104	106	108			
Gex	US 3149282288	Mahr-Bross Scuttle Dandy		Pine-Tree Wilde	Mr Oak Delco 57	53	+224	-6	0	61	+758	+0.30	+0.05	-0.01	+61	+31	+34	+265	-2	+17	38	+567	105	104	106	104	98	106	63	101	101	107	99	104				
CRV	NL 685976393	Delta Frontline		Topgear	Missouri	65	+224	-4	0	69	+1404	-0.23	-0.09	-0.07	+36	+40	+57	+257	-5	-22	58	+343	103	104	105	101	101	98	104	72	99	105	110	106	109			
Kam	NL 673227830	Ross Empire		Modesty	Platinum	64	+224	-6	0	69	+160	+0.35	+0.08	-0.01	+38	+13	+8	+136	-23	+33	57	+559	104	105	108	103	100	107	106	72	94	101	112	104	107			
Alt	US 3138498741	Peak Arsenal		Bush-Bros Deify	Halogen	55	+224	+12	0	63	+136	+0.15	+0.03	+0.00	+19	+7	+6	+70	+3	+7	40	+677	110	110	108	106	102	101	65	96	101	107	101	103				
LIV	US 3138922712	Leaninghouse Helix Luxor		Helix	Kingboy	56	+223	+13	0	63	+2324	-0.04	-0.19	+0.00	+94	+60	+106	+475	+32	-32	43	+290	100	101	107	97	102	98	68	100	102	101	99	100				
Tot	US 3148279855	Adema Ben		Solution	Dg Charley	50	+223	-11	0	57	+1733	+0.08	-0.12	-0.00	+82	+48	+79	+393	-6	-22	37	+356	102	103	106	99	100	62	101	103	104	99	102					
Tot	NL 623185254	Primeval 8525		Dg Charley	Woodcrest Mogu	55	+223	+2	0	63	+1900	-0.14	-0.14	-0.01	+66	+51	+86	+374	-2	+11	44	+409	102	102	107	103	106	98	67	99	101	102	100	101				
CRV	NL 631937036	Delta Composer	RF	Ranger	Finder	62	+223	-6	0	66	+1302	+0.18	+0.00	+0.02	+73	+45	+61	+356	+10	-7	53	+396	105	99	105	106	103	102	103	70	100	101	105	102	104			
Alt	US 3145229768	Peak Altastafford		Dg Charley	Atlaspring	57	+223	-3	0	66	+1352	+0.09	-0.01	-0.01	+67	+46	+61	+348	+3	+2	44	+481	102	103	107	106	103	68	103	102	102	100	102					
Alt	NL 648499202	Peak Altaeldorado		Frazzled	Woodcrest Mogu	54	+223	-10	0	62	+1423	+0.13	-0.07	-0.01	+74	+42	+64	+347	-2	+23	39	+387	103	102	108	101	101	65	96	102	106	99	102					
ABS	US 314232650	Pine-Tree Yearwood		Yoda	Bandares	59	+223	-12	0	69	+1498	-0.16	+0.00	+0.00	+47	+52	+68	+332	-6	+7	44	+580	103	101	105	98	101	102	70	99	101	111	98	105				
CRV	US 3139851859	Peak Shero	RL	Supethero	Ransom	63	+223	+12	0	69	+1206	+0.03	+0.05	+0.00	+54	+47	+55	+323	+26	-37	56	+540	103	105	106	103	107	104	103	71	106	106	99	99	102			
CRV	NL 756052137	De Biesheuvel Jopper P Rf	RF PO	Movement	Fun P	67	+223	-18	0	75	+731	+0.44	+0.13	-0.02	+73	+38	+31	+318	-24	-10	53	+508	105	99	103	97	102	99	105	71	103	102	102	105	105			
Gex	US 3138766984	Aardema Moondance		Matters	Josuper	54	+223	+4	0	62	+1022	+0.28	-0.02	-0.01	+71	+34	+46	+302	+5	-42	39	+492	105	106	106	100	100	64	102	103	102	99	102					
ABS	US 3142332520	Pine-Tree Acura		Achiever	Profit	54	+223	-9	0	63	+1212	+0.08	-0.03	+0.00	+59	+39	+55	+300	-14	-14	39	+593	103	104	105	106	104	66	103	104	104	101	104					
Mas	DE 0359235308	Amarok		De-Su 12138 Am	Montross	64	+223	-9	0	68	+863	+0.05	+0.10	+0.06	+41	+40	+45	+264	+3	+14	56	+615	105	102	106	102	103	103	100	71	99	101	108	101	105			
CRV	NL 646971474	Brakels Starman		Rafter P Rf	Balisto	65	+222	-5	0	69	+462	+0.58	+0.28	+0.08	+74	+42	+29	+336	+16	+16	58	+413	106	101	98	99	107	97	104	72	98	100	105	100	102			
Sem	CA 111074181	Progenesis Moliere		Topnotch	Eugenio	54	+222	-12	0	62	+1470	-0.01	-0.06	+0.00	+61	+45	+67	+333	+1	-33	39	+443	103	104	106	103	106	102	64	101	104	112	97	106				
CRV	NL 677989059	Delta Joe PP	RF PP	Sunfit P	Laurent P Rf	61	+222	-6	0	66	+1418	-0.11	+0.02	-0.02	+49	+51	+63	+331	+3	-5	52	+309	104	101	104	105	102	99	103	70	94	98	102	106	102			
Dek	FR 5941776590	Lalisto		Balisto	Epic	66	+221	+27	0	69	+1929	-0.18	+0.06	+0.00	+62	+74	+88	+460	+28	-37	60	+475	104	98	100	96	98	103	100	72	103	102	103	99	102			
Alt	US 3143160074	Peak Altafastack		Helix	Silver	56	+221	-2	0	64	+1726	+0.20	-0.08	-0.01	+94	+52	+78	+434	+3	+9	44	+169	96	104	109	105	106	68	100	102	105	100	103					
Kam	NL 935351749	Jennekus Baryton		Barley	Packman	63	+221	-7	0	69	+362	+0.82	+0.48	-0.15	+91	+57	+3	+426	+0	-17	58	+264	99	103	104	99	105	98	105	72	103	102	95	102	100			
Tot	US 3200824958	Peak Austad		Positive	Denver	53	+221	-10	0	61	+1422	+0.29	+0.01	-0.01	+90	+50	+64	+413	-16	+6	38	+433	102	100	105	101	101	63	102	103	105	98	103					
CRV	US 3142181270	Peak Matchup		Altatopshot	Mr Mogul Delta	60	+221	+1	0	68	+1927	-0.17	-0.11	+0.04	+63	+55	+92	+385	+11	-2	54	+434	102	101	109	104	104	104	101	71	97	103	103	98	100			
Alt	US 3140986351	Peak Althathand		Hotline	Montross	58	+221	+13	0	67	+1670	-0.18	-0.07	+0.00	+52	+51	+76	+341	+25	-8	43	+419	106	101	103	100	104	100	69	104	102	107	100	105				
Dek	DE 0359686738	Karibu		Kemigan	Tribune	65	+221	+6	0	69	+1561	-0.25	-0.09	+0.03	+40	+45	+74	+291	+18	+8	56	+542	102	102	105	99	104	105	104	72	101	101	112	99	106			
Dek	FR 6951003460	Nillsbro		Willsbro Abbott	Megasire	64	+221	-17	0	69	+1111	+0.04	+0.00	-0.05	+51	+39	+56	+284	-1	+2	55	+605	102	103	107	106	104	105	102	71	100	103	109	99	105			
K&L	DK 0337230732	Vh Anderstrup Battlery Bayle		Battlery	G-Force	65	+221	-7	0	69	+654	+0.30	+0.12	+0.01	+56	+34	+31	+266	-8	+42	58	+423	105	104	104	105	103	102	101	72	97	96	105	101	102			
Tot	NL 699058814	Hul-Stein Brezler		Achiever	Octobarfest	56	+221	-12	0	63	+663	+0.48	+0.01	+0.00	+74	+24	+30	+263	-14	+17	41	+449	104	105	105	101	101	66	100	102	107	101	105					
ABS	US 3140503758	N-Springhope Honda		Fustead Tango L	Montross	61	+221	+0	0	70	+1349	-0.21	-0.10	-0.01	+36	+37	+61	+246	+12	+25	46	+392	106	106	107	102	105	100	72	98	100	110	97	103				
Mas	NL 571956786	Heidenskiper Downtown		Supersire	Doorsopen	65	+220	-12	0	69	+1861	-0.17	-0.10	+0.03	+61	+54	+88	+376	+7	-63	58	+472	105	101	105	96	101	96	100	72	104	106	110	97	106			
Kam	NL 632591910	Vdr Saul Hudson		Barley	Malki	62	+220	-9	0	69	+802	+0.21	+0.26	-0.11	+54	+53	+26	+339	-9	-43	58	+561	103	99	101	100	100	100	106	72	101	102	103	105	105			
ABS	US 3140503778	N-Springhope Escalate		Frazzled	Woodcrest Mogu	53	+220	-11	0	60	+1427	+0.08																										

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	Sti	nummer	Stiernaam	Erf-fa	Vader	M-vader	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-fa	Sire	MGS	Rel	NVI	+/-	laur	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	sFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T		
Melkdoel Zwart																																						
WWS	US	3139490455	Fustead S-S-I Solution		Frazzled	Rubicon	56	+216	-22	0	65	+1719	-0.02	-0.18	+0.00	+71	+41	+78	+341	-14	-4	40	+380	104	101	108	96	103	101	67	99	103	104	101	103			
Alt	US	3145230042	Peak Altapantera		Blowtorch	Mr Mogul Delta	55	+216	+11	0	63	+1430	-0.27	-0.04	+0.00	+33	+46	+65	+277	-18	-28	40	+435	105	105	106	104	104	106	66	102	104	108	99	105			
Alt	US	143796927	Schoene-Kuh Altarobert		Altarobson	Josuper	55	+216	-8	0	64	+417	+0.47	+0.11	+0.00	+61	+25	+19	+236	-11	-7	39	+417	101	109	109	109	102	103	66	99	102	105	101	103			
Sem	CA	13127706	Westcoast Almamater		Alcove	Montana	60	+216	-3	0	70	+497	+0.29	+0.11	-0.01	+48	+28	+22	+222	-10	-30	44	+603	105	107	106	98	104	104	70	102	106	110	97	105			
CRV	CZ	053823748	Delta Lucid		Magister	Sunfish	65	+216	-29	0	69	+89	+0.28	+0.20	+0.01	+29	+21	+5	+149	-29	+26	57	+529	106	105	105	106	104	102	99	104	72	99	102	108	104	106	
Tot	NL	872395800	Balou		Baltikum	Epochal	66	+215	+7	0	69	+1486	+0.02	-0.05	+0.03	+65	+47	+71	+351	+22	-28	58	+488	106	99	100	101	103	100	102	72	101	102	110	99	105		
CRV	NL	872395747	De Biesheuvel Joshua	CD	Regard	Balisto	64	+215	-27	0	69	+1244	+0.01	+0.07	+0.03	+54	+50	+60	+336	-4	+17	59	+570	104	99	101	107	97	104	103	81	97	102	107	99	103		
CRV	BE	118490129	Vendairy Watchman		Jorben	Silver	66	+215	-5	0	69	+1028	+0.13	+0.13	+0.01	+56	+49	+48	+333	-5	-58	59	+285	104	104	103	104	99	97	104	72	104	107	109	99	106		
CRV	NL	655683425	Bouw Ebonit		Regard	Boss	65	+215	-7	0	69	+1172	+0.14	-0.02	+0.06	+64	+39	+60	+312	+9	-11	59	+356	104	102	104	97	99	103	103	72	98	103	104	103	104		
CRV	NL	843890655	Delta Lendor		Vh Stu	Bube	65	+215	-3	0	69	+652	+0.22	+0.18	-0.01	+49	+40	+29	+276	+21	-34	56	+545	105	100	102	97	101	97	104	72	104	102	107	105	108		
Sem	CA	12948889	Progenisis Powerhouse		Bandares	Jedi	56	+215	+7	0	65	+556	+0.07	+0.20	+0.00	+30	+38	+25	+226	+0	-31	43	+472	107	106	104	99	105	102	67	102	104	111	99	107			
CRV	BE	213107823	Delta Waterloo		Jorben	Monopoly	65	+215	-18	0	69	+701	-0.03	+0.11	+0.07	+27	+35	+39	+212	-22	-31	59	+546	104	102	99	103	97	104	109	72	99	103	104	109	107		
CRV	NL	937658659	Delta Monaco		Vh Bosman	Titanium	65	+214	-28	0	69	+765	+0.46	+0.27	+0.01	+77	+53	+36	+390	-21	+44	58	+362	101	98	102	106	96	102	102	72	94	99	108	101	103		
CRV	US	3200824753	Peak Matos		Altaliaison	Denver	60	+214	+1	0	66	+1417	+0.11	-0.01	+0.08	+71	+48	+73	+368	-6	+22	51	+483	102	102	103	99	103	107	69	98	99	106	98	101			
Alt	US	3142181520	Peak Althorjob		Hotline	Josuper	58	+214	+10	0	67	+1276	+0.02	+0.02	+0.00	+56	+46	+58	+324	+21	-29	43	+344	103	101	107	100	103	105	68	97	103	111	103	107			
WWS	US	3145229820	Peak Tropic		Hotline	Rubicon	57	+214	+28	0	66	+909	+0.34	+0.08	-0.01	+72	+39	+41	+323	+9	-39	44	+365	104	101	105	103	105	68	102	103	111	103	108				
WWS	US	3145051197	S-S-I Bg Frazzled Speedy		Frazzled	Marty	56	+214	+1	0	65	+1951	-0.27	-0.23	+0.00	+54	+43	+89	+316	-12	-15	39	+491	110	101	107	100	100	67	100	103	104	94	99				
CRV	NL	664478948	Zandenburg Fury		Balu	Danno	66	+214	-2	0	69	+840	+0.00	+0.20	-0.05	+36	+49	+34	+287	+7	-25	59	+424	107	102	104	107	99	97	100	72	97	103	106	102	104		
ABS	US	3145628940	Denovo 9367 Bundle		Achiever	Rubicon	54	+213	-9	0	62	+879	+0.44	+0.09	+0.00	+80	+39	+40	+340	-1	-11	39	+465	103	101	104	98	98	64	100	104	106	101	104				
WWS	CA	40000062	Vogue Limelight-P		Altaspice	Supershot	53	+213	-9	0	61	+933	+0.26	+0.12	-0.01	+65	+44	+42	+330	+8	+13	40	+383	105	101	103	99	105	103	64	99	101	109	99	104			
STG	US	3132352999	St Gen R Agro Esquire		Rubi Agnonaut	Powerball P	54	+213	+0	0	62	+1219	-0.02	+0.07	-0.01	+50	+49	+55	+322	+0	-36	40	+422	105	103	104	98	98	64	104	104	105	100	104				
Mas	DE	0122212334	Barkeeper		Battlecry	Galaxy	67	+213	+0	0	69	+447	+0.55	+0.19	-0.02	+70	+33	+19	+288	+20	-2	58	+368	105	102	102	96	105	99	102	72	97	101	107	103	105		
Bov	US	3140239417	Masterest Charley Chaplin		Dg Charley	Mr Mogul Delta	56	+213	-21	0	65	+1646	-0.25	-0.16	+0.00	+44	+41	+75	+283	-15	+37	43	+497	103	104	107	107	102	68	96	98	104	98	100				
CRV	NL	749582704	Kna August	RF	Janko	Rocky	62	+213	-6	0	67	+691	+0.21	-0.16	-0.04	+49	+39	+28	+271	-11	-40	54	+465	105	104	102	101	100	97	101	70	100	102	106	103	105		
CRV	NL	585572464	Delta Andros		Jafin	Jorben	62	+213	-6	0	66	+400	+0.49	+0.12	+0.05	+62	+23	+23	+240	-26	-73	53	+472	109	102	104	104	103	99	102	70	104	103	104	106	107		
Kam	NL	936200505	Vandenberg Sneaker		Chuck	Bourussia	62	+213	+3	0	69	+321	+0.28	+0.18	+0.04	+39	+28	+18	+202	+2	+13	57	+558	106	104	106	104	106	98	103	72	101	103	105	101	104		
Dek	CA	12380002	Progenisis Flame Hotshot 182		Hotshot	Halogen	65	+213	+3	0	68	+455	+0.33	+0.02	-0.01	+50	+18	+20	+185	+10	+11	55	+392	107	108	100	97	105	100	100	71	96	101	106	103	104		
CRV	NL	586809457	Delta Jonk Rf	RF	Wisent Rf	Bolt Rf	65	+213	-6	0	69	+1	+0.07	+0.12	-0.03	+6	+11	-3	+57	-10	-39	56	+519	108	113	102	99	105	100	104	72	95	103	109	102	105		
CRV	US	3149335089	Peak Morant		Altamontoya	Modesty	61	+212	+0	0	66	+1094	+0.38	+0.21	-0.02	+84	+59	+48	+433	+7	+13	52	+354	99	100	105	97	105	106	99	69	97	103	109	97	103		
Kam	NL	668543327	Vekis Carry On		Bourbon	Kingboy	63	+212	-9	0	69	+1599	+0.05	-0.02	+0.00	+73	+54	+73	+397	+6	-14	56	+362	104	99	107	100	102	97	99	72	102	103	107	98	104		
STG	US	3132353041	St Gen Dynasty Slater		Dynasty	Silver	54	+212	-7	0	62	+1175	+0.30	+0.02	-0.01	+80	+43	+53	+360	+9	-29	41	+369	103	101	103	95	103	101	65	100	105	105	103	105			
K&L	DK	0237140297	Anderstrup Horizon		Jetset	Boss	66	+212	-24	0	69	+1235	+0.01	+0.06	+0.00	+53	+49	+56	+329	-5	-12	59	+517	106	98	103	99	101	93	103	72	104	104	107	100	106		
ABS	US	3141494450	Abs Niko		Achiever	Josuper	54	+212	-3	0	62	+1160	+0.29	-0.05	-0.01	+78	+35	+52	+323	+7	-27	39	+406	103	105	107	104	104	64	100	104	105	97	102				
GGL	NL	750760847	Jake		Jetset	Balisto	66	+212	-17	0	69	+1310	-0.23	+0.04	+0.0																							

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	Sti	Sti	Erfa	M	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	Bull	Herfa	MGS	Rel	NVI	+/-	lvd	Rel	kgM	%F	%P	%L	kgF	kgP	KgI	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart																			Functioneel										Exterieur									
WWS	US	3142490264 T-Spruce Frazzled Huey	Frazzled	Silver	56	+207	-19	0	65	+1122	+0.21	-0.05	+0.00	+69	+34	+51	+300	-1	-17	39	+180	107	103	106	100	103				67	99	104	106	101	104			
ABS	US	3142332725 Pine-Tree Advisor	Achiever	Supersire	57	+207	-22	0	66	+807	+0.34	+0.06	-0.01	+67	+34	+36	+291	-28	-1	40	+493	104	104	105	99	99				68	102	103	101	99	101			
ABS	US	3141559636 Denovo 14242 Kokomo	Blowtorch	Mr Mogul Delta	55	+207	-9	0	64	+1592	-0.18	-0.17	-0.01	+69	+38	+72	+280	+13	-3	40	+409	103	104	105	101	105	105				67	97	102	107	101	104		
Sem	US	3140616169 Sandy-Valley Challenger	Superhero	Silver	57	+207	-11	0	65	+968	+0.21	-0.04	+0.00	+62	+30	+44	+266	+2	-1	43	+478	104	105	104	97	103	104				67	97	104	111	96	103		
Gex	US	3137908291 Co-Op Bsf Surg Slam Dunk	Surgeon	Supersire	54	+207	-1	0	63	+1410	-0.16	-0.11	+0.00	+43	+38	+64	+265	+14	-9	40	+513	105	103	106	106	103	100				66	96	103	107	99	102		
CRV	NL	944581881 Delta Bouncer	Brentano	Jasper	65	+207	-14	0	69	+401	+0.27	+0.23	-0.04	+42	+35	+22	+238	-3	+0	59	+385	106	106	101	105	102	99	99				72	101	101	109	100	105	
Kam	NL	941989107 Peeldijker Barracuda	Barnage	Silver	59	+207	n	0	66	+877	-0.06	+0.00	-0.01	+31	+31	+39	+204	n	-11	54	+553	105	105	103	100	101	100	102				70	105	102	108	101	107	
GGL	US	3143553043 Ar-Joy Cu Charley Chance	Dg Charley	Damaris	62	+206	-27	0	69	+1086	+0.14	+0.00	+0.07	+60	+38	+57	+299	-21	-26	56	+521	104	102	105	98	103	102	103				71	100	103	101	100	101	
CRV	US	3138498821 Peak Drafting	Bourbon	Mr Mogul Delta	62	+206	-19	0	69	+1123	-0.12	-0.03	-0.06	+60	+36	+57	+291	+4	-8	56	+454	105	103	104	102	102	103	99	100				71	102	103	106	98	103
Tot	NL	571956748 Heidskipster Santana	Silver	Supersire	71	+206	+6	0	78	+1304	-0.09	-0.08	+0.04	+46	+37	+64	+268	+11	-10	60	+514	102	104	104	104	102	104	106	102				72	101	104	107	100	105
CRV	NL	735712436 Delta Jukebox P	Barclay	Powerplay Pp Cd	65	+206	+4	0	69	+98	+0.65	+0.33	-0.01	+62	+33	+4	+267	+4	-31	58	+441	105	100	106	105	102	101	103				72	102	102	106	105	107	
Mas	DE	0122048950 Flieclac	Flattop	Balisto	65	+206	-11	0	69	+806	+0.27	+0.01	+0.05	+60	+29	+42	+258	-12	-10	58	+470	107	102	104	102	102	96	101				72	101	103	107	100	104	
Kam	NL	929276638 Creijland Danny	Danno	Jenudo	63	+206	-13	0	69	+1234	-0.16	-0.05	+0.06	+36	+38	+62	+250	-3	-5	61	+305	108	103	102	101	103	99	101				72	94	98	101	105	101	
CRV	NL	622692380 Fg K&L Delight	Cinema	G-Force	65	+206	-12	0	69	+1069	-0.01	-0.10	+0.10	+44	+27	+59	+221	-15	+3	58	+392	101	105	102	102	99	99	103				78	100	102	109	106	108	
ABS	US	3135245758 Abs Mansur	Allerbumer	Josuper	57	+205	-3	0	66	+1375	+0.07	+0.02	-0.01	+65	+50	+62	+360	+16	-44	44	+370	107	102	105	103	95				68	103	103	101	96	100			
		NL 649286946 Dg R-Dek Elias	Eugenio	Montross	64	+205	-10	0	68	+1381	+0.04	+0.02	+0.01	+63	+50	+64	+357	-6	-1	56	+417	102	99	107	101	106	104	101				71	98	102	108	99	103	
Kam	NL	632592108 Vdr Sling	Barclay	Malki	62	+205	n	0	69	+1167	+0.09	+0.12	-0.08	+58	+53	+45	+353	n	-22	58	+443	102	98	103	102	101	104	105				72	102	101	104	103	104	
Kam	NL	675542627 Westernade Pickup	Louxor	Rubicon	60	+205	-6	0	68	+805	+0.27	+0.11	+0.03	+60	+39	+40	+298	-14	-4	52	+331	102	103	106	98	105	99	101				71	101	102	110	100	106	
CRV	NL	677064558 Delta Jury	Jorben	Crescendo	65	+205	-18	0	69	+1701	-0.37	-0.09	+0.00	+33	+50	+78	+298	-4	-22	58	+264	105	103	108	104	99	98	102				72	100	103	104	100	103	
CRV	NL	661726527 Double W Ranger	Reflector	Snowfiver Cd	72	+205	+2	0	78	+481	+0.45	+0.15	+0.04	+62	+31	+26	+265	-1	-45	59	+308	103	102	103	102	105	106	104				79	108	104	109	107	111	
STG	US	3132353156 St Gen Dw Galileo	Butz-Hill Delta	Mr Pre Director	54	+205	-13	0	63	+731	+0.27	+0.03	+0.00	+57	+28	+33	+244	+6	+5	39	+627	103	103	106		106						66	100	103	105	101	104	
STG	US	3132353459 St Gen Noble Poncho	Noble	Profit	60	+205	-6	0	67	+783	+0.08	-0.10	-0.01	+41	+18	+35	+170	-4	+0	46	+596	107	105	106		101	102						69	99	103	112	98	105
CRV	NL	712948157 Delta Nobel	Topgear	Mobile	65	+205	-17	0	69	+191	+0.25	+0.20	-0.02	+31	+25	+7	+170	-22	-37	58	+415	106	104	102	100	103	96	104				72	103	105	107	109	110	
Mas	NL	571956755 Monroy	Monterey	Supersire	66	+204	+0	0	69	+1626	+0.00	-0.07	-0.01	+69	+49	+73	+368	+1	-20	59	+447	103	101	107	99	105	104	100				72	101	104	104	96	101	
Mas	US	3135087031 Saber	Jedi	S-S-I Maurice H	61	+204	-26	0	68	+1535	-0.28	+0.07	+0.14	+36	+61	+85	+351	+3	-8	56	+415	105	101	104	100	107	101	97				71	99	103	106	98	102	
Alt	CA	12948857 Peak Altaklebo	Guarantee	Jedi	54	+204	-11	0	62	+1268	+0.05	+0.05	-0.01	+59	+49	+57	+342	+1	-11	39	+288	104	105	106		105						66	100	102	106	93	100	
Mas	NL	571956700 Heidskipster Spitfire	Salvatore Rc	Montross	64	+204	-24	0	69	+1062	+0.22	-0.08	+0.10	+67	+29	+58	+277	+5	-17	55	+368	103	104	106	101	104	103	102				71	100	105	111	98	106	
OBS	DE	0360175060 Rolls	Roxy B	Supershot	64	+204	+8	0	69	+1626	-0.35	-0.11	-0.01	+32	+45	+73	+274	+39	+6	56	+533	103	101	101	102	103	100	103				70	98	99	111	100	105	
CRV	NL	765755447 Peeldijker Locker	Baltikum	Bube	66	+204	+3	0	69	+650	+0.52	+0.01	+0.00	+77	+24	+30	+269	+16	+27	58	+335	104	103	101	102	98	99	101				72	98	98	106	103	104	
Tot	CZ	0000481240 No-Pe Zekon	Superhero	Woodcrest Mogu	62	+204	+2	0	71	+1215	-0.10	-0.06	-0.00	+41	+36	+55	+250	+6	-2	47	+528	101	108	103	100	101	106				73	100	104	105	98	102		
Kam	NL	733557981 Holbra Adori	Adorable	Balisto	62	+204	-6	0	68	+779	+0.07	+0.10	+0.05	+40	+37	+40	+248	-3	-34	56	+484	104	103	102	101	101	98	102				72	98	103	109	103	106	
Tot	FR	6771265599 Wilt Eldo	Applicable	Commander	63	+204	-7	0	68	+254	+0.61	+0.13	+0.07	+66	+21	+18	+230	+0	-40	56	+350	105	103	104	98	106	103	102				71	105	104	113	104	111	
CRV	US	3140616174 Sandy-Valley Champion	Superhero	Silver	62	+203	-3	0	69	+1189	+0.38	-0.01	-0.01	+89	+40	+53	+367	-4	-26	56	+308	105	104	102	99	104	101	98				72	98	104	107	94	101	
Gex	US	3138817809 Welcome Plexus	Frazzled	Draco	51	+203	-11	0	59	+1324	+0.04	+0.03	+0.00	+60	+49	+60	+345	-14	-29	35	+480	107	100		100							59	105	105	108	96	104	
Alt	US	3142332516 Pine-Ree Altaannuity	Guarantee	Profit	54	+203	-12	0	62	+1328	+0.04	+0.00	-0.01	+60	+46	+60	+333	-10	-11	39	+363	105	102	107	101	101							65	99	102	103	97	100
SZO	IT																																					

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	Erfa-faVader	M-vader	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										
Alt	Bull number	Bull name	Her-fa Sire	MGS	Rel	NVI	+/-	laar	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	sFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T										
Melkdoel Zwart					Productie										€										Functioneel										Exterieur									
STG	US 3130014048	De-Su Spring Silverado	Altaspring	Supersire	61	+200	-4	0	69	+1120	+0.33	+0.05	+0.00	+80	+44	+51	+364	+6	-15	49	+396	102	101	102	93	102	103	70	101	104	106	99	104											
Dek	DE 0358852299	Mirko	Burano	Brekm	65	+200	-4	0	69	+1334	-0.04	+0.08	+0.04	+52	+55	+65	+354	+17	-19	56	+513	103	99	99	98	103	102	101	71	104	103	111	98	106										
CRV	US 3147839955	Peak Maximo	Imax	Jedi	60	+200	+6	0	68	+1299	+0.15	-0.05	+0.00	+70	+40	+59	+329	+32	-22	53	+265	101	105	106	103	101	100	71	103	104	107	98	104											
Sem	CA 12754648	Westcoast Aura	Imax	Alterbumer	55	+200	-9	0	63	+1354	-0.02	-0.01	-0.01	+55	+46	+61	+322	+19	-32	40	+461	102	102	104	100	101	103	67	103	104	111	98	106											
CRV	US 3133191111	Mikenny Enhance	Flagship	Montross	62	+200	-23	0	69	+951	+0.14	+0.04	+0.07	+54	+37	+50	+280	+0	+2	56	+588	103	103	104	104	106	102	100	72	101	102	106	97	102										
WWS	US 3139198083	Cookiecutter Highlite	Copycat	Mr Mogul Delta	53	+200	+3	0	61	+1272	+0.03	-0.10	+0.00	+57	+34	+58	+277	+1	-14	39	+418	106	104	103	100	105	64	99	102	110	95	103												
Sem	US 3150452154	Fairmont Ridgeline	Topnotch	Mr Mogul Delta	53	+200	-9	0	61	+1456	-0.12	-0.13	+0.00	+49	+37	+66	+274	+16	-10	38	+462	104	103	105	99	103	64	101	102	111	97	105												
Sem	CA 12948909	Progenesis Pyramid	Guarantee	Rubicon	53	+200	+1	0	61	+730	+0.23	+0.07	+0.00	+53	+32	+33	+252	-4	-13	39	+375	103	107	106	100	101	63	102	104	106	98	103												
LIV	US 3140986110	Leaninghouse Lgdry Maxim	Legendary	Jacey	60	+200	-27	0	70	+1532	-0.29	-0.16	-0.01	+35	+37	+69	+246	-2	-28	45	+583	105	104	101	97	98	71	102	104	106	100	104												
CRV	NL 669663330	Delta Jafin	Finder	Bube	65	+200	+7	0	69	+218	+0.30	+0.03	+0.06	+36	+10	+15	+121	-5	-19	59	+484	103	107	105	104	106	106	104	72	103	101	104	109	108										
GGI	DE 0360175110	Olino	Outlast	Altaspring	63	+200	+27	0	68	+97	+0.24	+0.10	+0.06	+26	+12	+10	+107	+78	-13	53	+552	105	107	105	99	100	95	102	71	105	103	113	103	111										
AWE	BE 513634136	Napoleon B.Pop	Gymnast	Jeiraki	64	+199	-2	0	68	+919	+0.37	+0.10	-0.01	+75	+42	+41	+342	+7	-13	52	+181	104	102	102	94	102	100	99	71	102	101	108	101	106										
Mas	US 3131668835	Enrapture	Profit	Supersire	62	+199	+4	0	69	+1238	+0.04	+0.06	+0.06	+57	+49	+63	+340	+1	+54	56	+405	102	99	102	100	101	102	101	71	98	101	105	100	102										
Alt	US 3140986372	Peak Altadeline	Hotline	Montross	57	+199	-13	0	66	+1418	-0.11	-0.02	-0.01	+49	+47	+64	+315	+23	-45	43	+386	106	101	103	102	103	101	69	103	102	111	98	106											
Sem	CA 12434610	Progenesis Cameron	Penmanship	Woodcrest Mogul	61	+199	+5	0	71	+1519	-0.22	-0.06	+0.00	+42	+47	+69	+302	+1	-28	46	+431	103	104	104	103	103	105	72	99	103	104	99	102											
Alt	US 3145230065	Peak Altaderrick	Altalfywheel	Silver	57	+199	-19	0	66	+765	+0.32	+0.07	-0.01	+63	+33	+34	+278	-15	-1	44	+366	101	104	107	101	106	105	67	98	102	107	101	104											
ABS	US 3145288734	Ri-Val-Re Radical	Achiever	Rubicon	55	+199	-25	0	63	+665	+0.45	-0.03	+0.00	+71	+20	+30	+240	-37	-5	39	+472	102	103	106	101	103	66	99	105	109	103	107												
WWS	CA 12208585	Claynook Casper	Hang-Time	Bomboro	63	+199	+6	0	71	+703	+0.09	+0.11	+0.00	+38	+35	+32	+233	-4	-10	48	+414	106	106	104	103	97	101	73	97	103	113	94	103											
ABS	UK 7279427003	Wiltor Bestman	De-Su 12128 Tai	Supersire	55	+199	-7	0	63	+901	-0.02	-0.10	+0.00	+36	+22	+41	+178	-3	-4	42	+750	108	103	101	100	103	100	65	99	103	106	100	103											
Sem	CA 128575228	Silverridge V Einstein	Topnotch	Duke	55	+198	-25	0	63	+1340	-0.08	+0.00	+0.00	+65	+47	+61	+348	+14	-23	39	+492	104	103	100	100	99	66	102	106	107	93	102												
Tot	DE 0358284007	Sanxurxo	Supershot	Shaw	65	+198	-10	0	69	+2176	-0.50	-0.23	+0.06	+37	+50	+106	+315	-4	-63	59	+447	101	104	103	100	104	100	103	72	103	104	106	99	104										
Sem	CA 12731153	Claynook Fivestar	Imax	Modesty	56	+198	-11	0	64	+1109	+0.10	+0.02	-0.01	+57	+41	+50	+303	-5	-29	41	+366	101	103	106	103	101	105	67	100	105	111	100	107											
Mas	US 3130915920	Ballman	Bandares	Supershot	62	+198	-16	0	69	+596	+0.39	+0.19	+0.07	+62	+39	+34	+300	-8	+23	56	+294	102	104	108	98	105	105	100	72	101	104	104	98	102										
ABS	IT 03699060185	Doti Medley Orthild	Medley	Silver	54	+198	-4	0	62	+848	+0.35	+0.02	-0.01	+70	+31	+38	+286	+11	-26	39	+460	102	102	104	98	104	64	102	103	109	102	107												
STG	US 3132350249	Mr Detour High Noon	Detour	De-Su Nominee	56	+198	+2	0	65	+1020	-0.03	-0.02	-0.01	+40	+34	+46	+237	+18	+31	43	+450	101	105	105	103	105	67	96	98	108	100	103												
ABS	US 3141494321	Abs Jeronimo P	Superhero	Powerball P	56	+198	-9	0	65	+243	+0.55	+0.16	+0.00	+60	+23	+11	+224	+17	+24	43	+482	105	105	103	104	104	68	99	100	108	97	102												
AWE	CA 12221929	Silvercap Selfie Ric	Superhero	Aikman	70	+198	+17	0	78	+1523	-0.45	-0.14	-0.01	+18	+39	+69	+218	+45	-39	63	+518	102	107	105	101	103	93	102	77	103	105	108	99	105										
Sam	NL 657510961	Gen Porto	Benx	Modesty	56	+198	+3	0	63	+245	+0.33	+0.18	+0.00	+40	+25	+11	+190	+13	+5	41	+406	104	107	105	105	107	67	98	101	109	100	104												
Sem	CA 12609045	Ste Odile Milktime	Duke	Supershot	59	+197	+1	0	68	+2606	-0.37	-0.15	+0.00	+68	+73	+119	+478	+30	-26	44	+459	102	96	101	97	105	100	69	107	105	102	96	102											
Tot	NL 727982759	Dg Berlin	Missouri	Smurf	65	+197	+10	0	69	+2645	-0.48	-0.22	+0.01	+57	+67	+122	+431	+20	+35	58	+384	100	96	103	104	98	99	102	72	94	98	106	97	99										
GGI	DE 0123031049	Gracian	Gymnast	Silver	63	+197	+9	0	68	+864	+0.34	+0.25	-0.07	+70	+54	+33	+378	+10	-75	53	+283	100	102	103	100	101	102	101	71	103	104	107	102	106										
Gex	US 3132117270	Pine-Tree Ragen Hagar	Fairmont Stoic	Pure	60	+197	-1	0	70	+1249	+0.04	+0.03	+0.00	+57	+46	+57	+325	+3	-3	45	+391	100	102	106	101	103	70	97	102	109	99	104												
Alt	CA 13024756	Progenesis Altapledge	Guarantee	Jedi	54	+197	-11	0	62	+1190	-0.03	+0.00	+0.00	+47	+44	+54	+295	-15	-11	39	+368	105	104	106	100	101	64	100	102	106	95	101												
Alt	US 3142181491	Peak Altaexplosion	Altarobson	Montross	54	+197	-22	0	63	+557	+0.47	+0.11	+0.00	+68	+30	+25	+273	-16	-1	39	+475	101	104	106	99	103	101	67	99	103	107	99	103											
CRV	NL 916622424	Willem's-Hoeve K&I Javino	Concert	Balisto	65	+197	-1	0	69	+278	+0.35	+0.29	+0.03	+44	+36	+15	+245	-19	-23	58	+368	103	105	103	104	101	103	103	72	98	102	107	101	104										
CRV	US 3132381988	Crv-Delta Success	Altageunity																																									

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	Erfa-faVader	M-vader	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-fa Sire	MGS	Rel	NVI	+/-	lvd	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T	
Melkdoel Zwart							pnt											€		€																
Alt	US	3138498807	Peak Altabuggy	Altallywheel	Woodcrest Mogu	57	+194	-10	0	66	+734	+0.36	+0.04	-0.01	+66	+29	+33	+267	+4	+0	43	+354	102	105	111	107	106	105		67	98	102	105	97	101	
Kam	NL	763988957	Plataan Kield	Sinio	Headliner	60	+194	+7	0	68	+757	+0.37	+0.01	+0.04	+68	+27	+38	+265	+19	+7	53	+367	102	102	105	103	106	104	101	71	97	101	105	104	104	
GGL	NL	718141783	Dg Noel	Dg Charley	Supershot	65	+194	-6	0	69	+1111	-0.30	-0.09	+0.10	+17	+30	+61	+177	-7	-16	57	+529	104	105	107	103	108	98	102	72	100	105	109	100	106	
Alt	US	3142181574	Peak Altamanor	Hurtgenlea Ydr	Altaspring	55	+193	+0	0	63	+1425	-0.10	-0.13	+0.00	+50	+36	+65	+272	+10	-45	39	+485	104	103	105	100		101	65	100	104	105	100	103		
WWS	US	3014562339	Sandy-Valley Bd Freeborn	Bandares	Kingboy	58	+193	+15	0	67	+621	+0.23	+0.11	+0.00	+48	+32	+28	+240	+7	-10	43	+504	107	103	103	91	103	103	68	101	103	107	97	103		
CRV	DE	0539391976	Wilder Smiley	Battlecry	Brekem	65	+193	-8	0	69	+136	+0.73	+0.27	-0.09	+58	+19	-14	+196	+4	+11	58	+510	107	101	104	97	105	99	102	72	95	101	107	102	103	
Alt	US	3145229971	Peak Altatire	Dg Charley	Mr Mogul Delta	57	+193	-6	0	66	+821	-0.13	+0.00	-0.01	+22	+29	+37	+176	+11	+8	44	+627	106	105	109	102	105	102	68	97	101	107	95	100		
WWS	US	3130915852	Cookiecutter Humblenkind	Modesty	Epic	66	+193	+8	0	74	+711	+0.00	-0.08	+0.00	+30	+17	+32	+142	-6	+39	52	+439	103	107	107	104	102	104	75	91	97	112	100	103		
Mas	DK	0237140295	Estador	Eclair	Balisto	65	+192	-6	0	69	+1626	-0.09	-0.02	+0.01	+60	+55	+75	+374	+5	-22	57	+499	104	99	98	100	103	99	99	72	102	102	109	96	104	
CRV	NL	659618414	Delta Inductor	Biathlon	Massey	68	+192	-27	0	69	+1282	+0.07	-0.02	+0.03	+61	+43	+62	+323	+13	-17	65	+431	106	102	93	105	109	98	97	85	104	105	109	99	106	
Tot	US	3139851226	Kings-Ransom G Dylan	Granite	Mr Mogul Delta	60	+192	-2	0	68	+936	+0.17	+0.09	+0.05	+56	+41	+48	+300	+20	+34	52	+263	102	102	105	102	102	99	97	71	100	100	113	99	106	
Kam	NL	580721821	Poppe Red Hot Neymar	Board	Snow Rf	62	+192	+0	0	69	+450	+0.35	+0.28	+0.10	+52	+42	+30	+290	+8	+1	58	+265	106	102	102	102	100	97	101	72	100	103	100	102	102	
Alt	US	3142181099	Peak Altalawson	Altarobson	Mr Mogul Delta	55	+192	-17	0	64	+92	+0.78	+0.30	+0.00	+74	+30	+4	+280	-24	-7	39	+342	99	105	106	99	103	106	67	103	103	109	100	106		
CRV	NL	941050441	Delta Beathox	Amigo	Fanatic	66	+192	-18	0	69	+763	+0.15	+0.10	-0.03	+47	+36	+32	+256	-3	+28	59	+246	104	103	106	102	100	101	103	81	100	102	102	101	102	
STG	US	3138310311	Redrook-View Klutch	Jedi	Kingboy	64	+192	-3	0	72	+1107	-0.18	-0.07	-0.01	+29	+32	+50	+207	+5	-18	51	+455	106	106	106	98	106	97	74	100	104	112	94	104		
Ves	IT	01599038678	Ins Penman Enterprise	Penmanship	Balisto	62	+192	-2	0	69	+587	+0.11	+0.10	-0.01	+35	+30	+26	+204	+7	-10	49	+609	104	104	104	102	101	102	72	100	102	105	101	103		
Sem	CA	12648635	Progenesis Budget	Apprentice	Denver	57	+191	-14	0	66	+2087	-0.30	-0.23	+0.00	+56	+48	+95	+343	-1	-46	43	+699	107	97	103			103	7	103	103	97				
Alt	US	3138766709	Aardema Altanixie	Altarobson	Woodcrest Mogu	54	+191	-15	0	62	+297	+0.61	+0.31	-0.01	+68	+39	+13	+307	-37	-5	38	+321	100	102	107	96	102	106	65	100	103	108	101	105		
Sem	CA	12652607	Stantons Emoji	Outlast	Mr Mogul Delta	54	+191	-11	0	63	+994	+0.36	+0.06	+0.00	+78	+29	+45	+296	+3	-31	39	+322	107	100	102			103	101	66	105	104	107	97	104	
Sem	US	3140616229	Sandy-Valley Expresso	Apprentice	Rubicon	57	+191	-5	0	66	+1692	-0.18	-0.20	+0.00	+53	+38	+77	+290	-5	-20	43	+367	100	104	105			103	101	68	98	104	109	100	105	
ABS	US	3141494481	Denovo 7895 Mentor	Magnus	Supershot	55	+191	-12	0	64	+1585	-0.27	-0.15	+0.00	+39	+40	+72	+268	-8	-9	41	+056	104	103	101			101	101	67	99	103	107	98	103	
Tot	NL	882387437	Dg Oh Dalvator	Salvatore Rc	Rubicon	55	+191	-2	0	63	+1791	-0.30	-0.24	-0.01	+44	+37	+81	+268	+15	-32	43	+369	102	104	104	101	101	101	67	101	105	109	101	106		
CRV	NL	721645445	Delta Accord	Bravo	Atlantic	66	+191	-14	0	69	+390	+0.36	+0.21	-0.03	+50	+33	+15	+245	+17	-16	61	+435	102	102	105	106	102	98	102	83	99	101	102	106	104	
Gex	US	3149335066	Peak Frzld Priceless	Frazzled	Modesty	55	+191	-21	0	63	+1120	+0.12	-0.14	+0.00	+59	+25	+51	+242	-1	+20	39	+394	105	104	107	98		100	65	97	101	104	97	100		
GGL	DE	0359258686	Figo	Finder	Supershot	66	+191	-7	0	69	+260	+0.46	+0.23	+0.00	+53	+30	+12	+238	-2	-41	59	+342	104	105	106	104	102	98	101	72	99	103	104	102	103	
Alt	US	3142181416	Peak Altaabba	Blowtorch	Rubicon	56	+191	-5	0	64	+1160	+0.05	-0.15	-0.01	+54	+25	+52	+232	-1	-32	41	+312	104	105	107			106	102	67	103	104	108	101	106	
CRV	NL	751089743	Keopon Clover	Iccone	Shotglass	63	+191	-13	0	69	+921	-0.05	-0.04	+0.10	+34	+28	+52	+202	-18	+7	58	+538	104	101	105	103	103	105	103	78	100	103	107	103	106	
Sem	US	3141608165	Kings-Ransom Discover	Imax		60	+191	+0	0	70	+897	+0.11	-0.12	-0.01	+49	+20	+40	+197	+9	-20	44	+347	105	103	106	101	104	103	71	102	105	114	101	109		
GGL	DE	0539638681	First	Finder	Racer	66	+191	+7	0	69	+244	+0.17	+0.13	+0.10	+26	+20	+20	+143	+6	-37	58	+412	104	105	107	104	105	99	106	72	102	103	107	105	107	
Gex	US	3146911963	Co-Op Duke Endeavor	Duke	Gun	56	+190	-3	0	65	+1433	+0.27	+0.09	+0.00	+88	+59	+65	+446	+2	-38	43	+313	100	101	101	99	103	101	67	103	105	105	94	101		
BGA	DE	0122523969	Nemo G Samit	Salvatore Rc	Silver	64	+190	-23	0	69	+1935	-0.18	-0.09	-0.02	+63	+58	+91	+397	-12	-28	56	+348	103	98	106	104	100	102	101	71	102	103	103	97	101	
CRV	US	3014562289	Sandy-Valley Axxon	S-S-I Eraser P	De-Su Nominee	60	+190	-4	0	68	+1559	+0.03	+0.00	+0.11	+69	+54	+83	+391	-4	-33	54	+237	98	101	101	99	104	109	102	71	101	103	110	100	106	
Alt	US	3133065125	Mr Mastermind	Montana	Supersie	62	+190	-13	0	72	+1673	-0.10	-0.10	+0.00	+60	+48	+76	+346	+1	+5	48	+365	103	102	102			104	101	73	98	103	105	95	100	
GGL	DE	0667098879	My Time	Mission P	Ocean Pp	64	+190	-7	0	69	+820	+0.28	+0.21	-0.03	+62	+49	+35	+342	+17	+48	55	+255	102	103	102	102	101	100	98	99	71	90	97	104	96	97
LIV	US	3126003270	Ri-Val-Re Spring Anthem	Altaspring	Epic	63	+190	+4	0	69	+1406	-0.06	+0.00	-0.01																						

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	Sti	Sti	Erfa	M	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	Bull	Herfa	MGS	Rel	NVI	+/-	laur	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T	
Melkdoel Zwart						pnt											€		€																
CRV	NL 945194293	Delta Rumba P	RF PO	Silver	Maddock P	66	+187	-3	0	69	+815	+0.16	+0.07	+0.12	+50	+35	+49	+263	+25	+2	61	+479	100	100	101	104	103	103	104	82	96	102	111	103	107
Mas	US 3131618031	A-Team		Modesty	Damaris	62	+187	-37	0	69	+702	+0.10	+0.11	+0.04	+39	+35	+36	+236	-41	+19	57	+336	101	103	104	102	102	106	104	72	99	102	109	101	105
Tot	DE 0360175103	Adlon P	PO	Adagio-P	Rubicon	64	+187	-9	0	69	+562	+0.18	+0.13	-0.01	+41	+32	+25	+225	-18	-7	56	+305	105	105	104	98	101	102	99	72	102	105	110	99	106
K&L	DK 0375460584	Vh Solbakken Kasi Rc Kilmer		Vh Tirsvad Kanu	Fageno	64	+187	+1	0	68	+974	-0.21	-0.05	-0.05	+21	+29	+40	+175	-3	-44	54	+424	104	106	102	101	99	101	101	71	100	103	113	102	108
STG	US 3132351503	St Gen 1st Grade Colby		1st Grade	Capital Gain	60	+187	-23	0	68	+1246	-0.12	-0.26	-0.01	+41	+17	+56	+173	-33	-22	47	+475	107	104	101	98	107	101	70	96	99	114	100	106	
Mas	DE 0359171040	Supercup		Shep	Balisto	69	+186	-12	0	77	+1615	-0.13	+0.05	+0.01	+55	+61	+75	+388	-12	+5	56	+454	103	97	105	99	103	101	100	71	96	100	106	94	99
CRV	US 3134407036	Lexvold Mason		Spark	Velhuis B Ahead	61	+186	-5	0	68	+2333	-0.46	-0.23	+0.05	+47	+55	+112	+358	-3	+17	56	+432	103	99	103	99	103	97	98	71	98	103	102	98	100
Mas	DE 0360215365	B H Gin Tonics		Gymnast	Shep	63	+186	-8	0	68	+1621	-0.09	-0.09	-0.04	+59	+47	+70	+338	+10	-34	52	+341	102	102	105	97	103	92	100	70	102	103	102	99	102
ABS	US 3150307030	Bomaz C3po		Skywalker	Mr Mogul Delta	54	+186	-32	0	62	+987	+0.34	+0.04	+0.00	+75	+38	+45	+327	-10	+18	39	+377	106	103	105	105	101	106		66	96	102	108	94	100
Alt	US 3150701313	Peak Altaoiaf		Blumenfeld Jedi	Mr Oak Delco 57	53	+186	-10	0	61	+1977	-0.28	-0.24	+0.00	+54	+43	+90	+317	-24	+2	38	+329	102	104	106	101	102		63	103	103	107	93	101	
CRV	NL 661726440	Double W Rodeo		Regard	Snowfiever Cd	71	+186	-35	0	78	+942	-0.26	+0.07	+0.04	+65	+40	+47	+315	-23	-7	59	+296	103	99	103	104	100	100	102	72	100	104	107	102	105
Alt	US 3142181082	Peak Altaudobon		Bourbon	Monterey	57	+186	+5	0	66	+1596	-0.30	-0.10	-0.01	+36	+45	+72	+282	+16	-48	43	+465	103	103	106	101	105	101	69	101	104	106	98	103	
STG	US 3132350030	Edg Director Rooster		Mr Pre Director	Rubicon	55	+186	+7	0	63	+893	+0.25	+0.02	-0.01	+62	+33	+40	+278	-3	-4	43	+493	102	102	105	103	102		66	99	103	109	97	103	
Alt	US 3138498825	Peak Exeter		Bourbon	Altaspring	58	+186	+20	0	67	+1142	+0.09	-0.15	-0.00	+57	+25	+52	+238	+10	-45	44	+504	106	104	104	104	103	102	69	101	103	106	97	102	
CRV	NL 899486602	Midwolder Marshall		Bemini	Galaxy	66	+186	-9	0	69	+922	+0.16	-0.08	-0.02	+55	+24	+40	+226	+8	-25	61	+379	104	102	103	101	103	97	106	83	104	104	102	104	105
STG	US 3132352305	Mr Sphero Twister		Superhero	Mr Mogul Delta	61	+186	+5	0	69	+356	+0.39	+0.07	+0.00	+51	+19	+16	+190	+45	+2	48	+502	103	105	104	98	104	107	71	98	103	111	99	105	
Sam	DE 0539735341	Col Dg Mambo		Dg Charley	Silver	59	+186	-4	0	67	+396	+0.33	+0.02	+0.00	+47	+16	+18	+170	-16	+10	46	+446	103	107	107	105	104	103	69	99	102	105	100	103	
Mas	DE 1405353465	Joyneess		Jedi	Headliner	66	+185	-8	0	69	+1231	-0.10	+0.12	+0.03	+42	+55	+59	+331	+10	-17	58	+414	101	102	103	99	105	106	99	72	99	102	112	95	104
CRV	US 3141558681	Bush-Bros Certify		Spectre	Mr Oak Delco 57	59	+185	+8	0	68	+991	+0.26	+0.04	+0.02	+68	+38	+47	+313	+5	+55	51	+226	100	103	108	100	103	105	99	69	101	97	101	99	100
BGA	DE 066644448	Rzh Glastonbury Saxofon		Supershot	Cashmoney	65	+185	-8	0	69	+1379	-0.16	-0.07	+0.00	+42	+41	+63	+275	-1	-28	59	+367	102	104	105	108	103	97	105	72	103	104	101	98	101
IT	0349908947	Aggrin Ryl Crockett		Alfahotrod	Judo	64	+185	+7	0	71	+947	+0.25	-0.05	+0.00	+65	+28	+43	+264	+17	-11	51	+377	105	103	101	101	105	102	73	102	103	108	98	104	
Alt	US 3138498783	Peak Lexell		Superhero	Monterey	61	+185	-3	0	71	+1264	-0.18	-0.06	-0.01	+35	+38	+57	+246	+5	-19	48	+426	103	103	105	104	104		72	99	103	112	98	105	
OBS	DE 0360175030	First		Finder	Lexington	65	+185	-22	0	69	+1068	-0.09	-0.01	+0.12	+36	+36	+61	+242	-16	+42	58	+413	103	103	104	107	103	101	100	72	97	97	107	98	101
CRV	US 3014562239	Sandy-Valley Audible		Modesty	Bombero	62	+184	-3	0	69	+702	+0.48	+0.16	-0.04	+76	+40	+28	+332	-13	+20	57	+203	99	101	109	104	99	106	102	72	98	100	102	101	101
Alt	US 3147840163	Peak Altaritz		Anakin	Edg Mogul Ruge	54	+184	-3	0	62	+1319	+0.14	-0.06	+0.00	+70	+40	+60	+329	+19	-7	38	+188	100	103	103	98	104	104	64	97	102	110	99	104	
Sem	CA 12719230	Progenesis Parachute		Superhero	Rubicon	56	+184	+1	0	64	+1271	+0.11	-0.07	+0.00	+65	+37	+58	+306	+10	-42	43	+402	101	102	106	103	103	100	67	103	105	108	99	105	
Gex	US 3141657476	Blumenfeld Frazzled Loki		Frazzled	Silver	55	+184	-17	0	64	+1366	-0.16	-0.05	+0.00	+42	+42	+62	+279	-1	-17	40	+350	104	103	104	102	102		67	97	103	108	97	102	
CRV	US 3132198509	Mr Ss Motor Oil		Supershot	Mogul	61	+184	-13	0	69	+1775	-0.39	-0.19	+0.00	+34	+42	+81	+268	-15	-7	50	+541	102	101	102	106	102		71	99	103	107	101	104	
CRV	NL 931310823	Delta Rianto		Lendor	Nelson	61	+184	+0	0	66	+405	+0.30	+0.18	-0.01	+45	+31	+19	+227	-13	-20	52	+456	103	99	101	103	97	98	105	69	103	102	109	106	109
STG	US 3123606833	St Gen Chief Madden		Stantons Chief	Monterey	56	+184	+7	0	65	+593	+0.32	+0.05	+0.00	+55	+25	+27	+226	-2	-10	41	+313	106	103	103	97	103	102	69	100	101	111	99	105	
Gex	US 3132632861	Co-Op Madron Garick		Hendel Mr Madro	Roylane Socra R	56	+184	-10	0	64	+1111	-0.29	-0.09	-0.01	+18	+30	+50	+176	+1	+21	43	+554	108	102	102	102	101		67	94	100	106	100	101	
AWE	DE 0540237681	Party P	RF PO	Pace Red	Janco P	66	+184	-17	0	75	+27	+0.36	+0.20	-0.06	+33	+19	-4	+146	-41	+12	51	+400	102	108	109	103	103	103	102	69	101	102	107	99	104
Tot	UK 7266525005	Bb Metallic		Silver	Supersie	68	+183	+40	0	78	+1597	+0.06	-0.06	-0.01	+74	+49	+72	+378	+90	-26	62	+368	97	97	107	98	105	103	102	59	104	105	109	102	108
Sem	CA 12371165	Westcoast Yamaska		Afterburner	Woodcrest Mogu	58	+183	+7	0	66	+829	+0.36	-0.19	-0.01	+70	+47	+37	+351	+38	-28	44	+275	102	102	101	99	102	99	68	103	104	104	99	103	
K&L	FR 4963779080	Limitless		Silver	Daddy																														

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	Sti	Sti	Erfa	M	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	Bull	Herfa	MGS	Rel	NVI	+/-	laur	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T										
Melkdoel Zwart					Productie										€										Functioneel										Exterieur									
NL 685695962 Peak Altaxantos					Bourbon	Superman	56	+180	-n	0	65	+1193	-0.13	-0.15	+0.00	+38	+26	+54	+203	-n	+3	43	+524	104	105	104	102	103	67	98	103	105	97	101										
CRV	NL 754797793	Vandenbergh Delta Nautilus	Penley	Atlantic	63	+180	-70	0	69	+854	-0.11	+0.00	-0.06	+26	+30	+33	+188	+3	-23	59	+395	106	104	104	100	102	99	102	72	98	103	105	101	103										
Sem	CA 12648602	Progenesis Sharing	Franchise	Altaspring	57	+180	+8	0	66	+1180	-0.26	-0.22	-0.01	+24	+19	+53	+144	+9	-49	44	+514	105	107	105	102	101	68	100	105	107	101	105												
ABS	US 1310010467	De-Su 13222 Sunkist	Altaspring	Supersire	60	+179	-7	0	68	+1292	+0.10	+0.02	+0.00	+65	+47	+59	+347	-7	-42	49	+433	101	100	104	103	104	70	107	104	106	98	105												
Sem	CA 12754526	Westcoast Grandprix	Fortune	Altaspring	54	+179	-7	0	63	+1349	-0.01	-0.12	-0.01	+56	+35	+61	+279	+8	-51	40	+452	105	100	105	103	104	67	100	105	112	97	106												
Toe	NL 765751337	Molenkamp Kp Carter	Kingpin	Headliner	64	+179	-19	0	69	+741	+0.15	+0.12	+0.04	+46	+37	+38	+260	+4	-40	58	+472	103	104	96	99	106	101	100	72	103	105	112	98	107										
Kam	NL 654819067	De Vlog Wilsons	Treasure	Jetset	58	+179	-n	0	66	+866	+0.19	-0.01	+0.01	+55	+29	+41	+247	-n	-51	53	+311	105	103	108	103	103	99	101	70	103	102	102	101	103										
Alt	US 3133630023	Butterview Altacclaim	Supershot	Halogen	60	+179	+3	0	68	+1117	-0.06	-0.06	+0.00	+41	+33	+51	+237	+13	-26	49	+433	105	104	104	102	101	72	104	102	102	99	102												
Sem	CA 12529310	Progenesis Padawan	Jedi	Enforcer	64	+179	-23	0	73	+1387	-0.51	-0.04	+0.00	+7	+44	+63	+214	+9	-31	50	+411	102	109	100	100	105	99	74	100	104	107	97	103											
Alt	US 3014562298	Sandy-Valley Altapackard	Altasuperstar	Kingboy	60	+179	-2	0	69	+596	+0.18	+0.05	+0.00	+42	+25	+27	+199	+26	-38	46	+435	109	103	103	98	101	102	70	102	103	108	98	104											
Alt	US 3140239377	Matcrest Altacuchillo	Bandares	Mr Mogul Delta	57	+179	-4	0	66	+763	+0.07	-0.02	-0.01	+39	+25	+34	+195	-4	-18	43	+468	103	105	106	95	105	106	69	102	103	106	100	104											
Mas	DE 0359296703	Backstage	Battlecry	Boss	65	+178	-9	0	69	+1353	-0.03	+0.01	+0.02	+54	+48	+64	+329	+13	-10	58	+431	105	97	99	96	103	97	99	72	95	101	106	101	102										
Sem	CA 12857537	Silverridge V Circus	Hardrock	Duke	54	+178	-3	0	62	+1377	+0.08	-0.09	-0.01	+67	+39	+62	+319	+16	-38	39	+323	103	101	102	99	103	65	103	104	109	98	105												
STG	US 3132352801	St Gen Helix Paco	Helix	Rubicon	56	+178	-1	0	64	+524	+0.64	+0.16	-0.01	+82	+33	+23	+314	+13	-8	41	+63	102	102	104	100	67	97	102	105	102	103													
AWE	IT 01999167155	Go-Farm Munari	Hotline	Dozer	55	+178	+17	0	63	+1361	+0.00	-0.05	+0.00	+58	+42	+62	+313	+36	-23	43	+266	102	98	103	99	101	101	67	101	102	109	105	108											
SZO	NL 937451236	Schreur Dg Nebula	Dg Charley	Balisto	57	+178	+2	0	66	+1480	-0.30	-0.07	-0.01	+32	+44	+67	+268	+6	+13	44	+411	102	102	105	104	100	68	99	101	106	98	102												
DK 0337230743 Vh Anderstrup Radium Recrui					Vh Radium	Boss	69	+178	-14	0	77	+974	-0.14	+0.03	+0.06	+28	+37	+50	+226	-26	-24	56	+533	104	103	104	98	100	100	102	71	101	105	108	96	103								
ABS	DE 0359686734	Abbs Coronet	Kernigan	Tribune	58	+178	+16	0	67	+1362	-0.28	-0.13	+0.00	+29	+34	+62	+219	+32	+1	44	+515	104	101	104	98	101	102	69	101	101	113	98	106											
US 3132991976 G-Deuyter Altanitro					Modesty	Kingboy	58	+178	-3	0	66	+532	+0.35	-0.01	+0.00	+55	+18	+24	+197	+8	+25	45	+367	103	105	109	101	99	100	69	98	100	105	98	101									
CRV	NL 622786623	Delta Mingo P	RF PO	Novo Star	65	+178	-3	0	69	+464	+0.07	-0.13	-0.07	+26	+28	+28	+178	-8	-15	57	+308	103	106	104	107	102	103	102	72	99	102	105	102	104										
Kam	NL 748583542	Ricolm	RF	Malcolm Rf	63	+178	-15	0	69	-37	+0.53	+0.22	+0.02	+45	+18	+0	+168	-5	+20	59	+259	103	107	104	103	101	99	102	72	100	99	100	104	102										
WWS	US 3136807571	S-S4 Bandares Biggie	Bandares	Supersire	60	+178	-10	0	68	+483	+0.12	+0.03	+0.00	+32	+20	+22	+156	-12	-46	47	+558	106	105	104	92	105	103	71	102	106	110	99	106											
Sem	CA 13030416	Claynook Zasberilla	Casper	Duke	53	+177	-1	0	61	+1181	+0.43	+0.20	-0.01	+93	+61	+53	+461	+23	-11	38	+63	100	99	103	101	102	64	101	104	107	94	101												
Tot	US 3138766402	Mr Charley Its Me	Dg Charley	Bomboro	58	+177	-4	0	67	+1268	-0.04	-0.08	-0.01	+50	+36	+57	+270	-1	+17	44	+420	102	102	107	102	104	101	68	98	101	104	97	100											
Alt	US 3129436990	Wet Altapioneer	Altapainter	Roylane Socra R	58	+177	-7	0	67	+787	+0.10	+0.05	-0.01	+43	+32	+35	+232	+16	+11	44	+475	103	103	103	100	101	102	69	95	102	107	98	101											
Sem	US 3148748491	Leaninghouse Vincent	Magictouch	Rubicon	54	+177	-8	0	62	-82	+0.54	+0.24	+0.01	+44	+18	-3	+165	+7	-7	39	+422	102	105	106	98	103	102	66	96	103	109	103	106											
CRV	NL 623185191	Primeval Royal Magnus-Et	King Royal	Mr Mogul Delta	55	+176	-4	0	63	+834	+0.34	+0.06	+0.00	+68	+35	+38	+298	-29	-11	42	+426	102	100	105	106	98	103	103	66	101	103	106	99	103										
ABS	US 3132117134	Pine-Tree Prophecy	Monterey	Supersire	62	+176	-23	0	70	+1134	+0.07	-0.03	-0.01	+55	+36	+51	+278	-18	-1	49	+418	101	102	107	101	107	104	72	101	102	105	98	102											
Mas	DE 0359514746	London	Lombardi	Balisto	63	+176	+3	0	68	+641	+0.27	+0.17	+0.06	+53	+38	+35	+278	+39	+20	53	+295	101	101	99	101	100	95	100	71	96	100	111	102	106										
Sem	CA 13024693	Progenesis Blizzard	Topnotch	Denver	54	+176	-15	0	62	+922	+0.27	-0.01	+0.00	+65	+31	+42	+276	+13	-34	39	+413	104	102	103	95	100	66	100	106	112	95	105												
Gex	US 3137661391	Seagull-Bay Ahnder	Achiever	Spruce-Haven St	53	+176	+0	0	62	+1283	+0.14	-0.17	-0.01	+69	+27	+58	+273	+12	+27	38	+414	101	101	104	101	102	63	96	102	103	101	101												
Alt	US 3138125233	Kp-Ack Altamorison	Altarobson	Montross	54	+176	+0	0	63	+562	+0.47	+0.07	-0.01	+68	+26	+25	+257	-11	-15	39	+350	102	104	104	100	103	98	66	101	104	104	100	103											
Exc	ES 1704321133	Gener Super Spr Ng	Altaspring	Supersire	65	+176	-7	0	69	+1350	-0.08	-0.14	-0.02	+49	+33	+60	+256	+4	-14	59	+319	103	103	105	103	103	102	72	104	105	110	96	105											
Sem	US 3140616329	Sandy-Valley Embellish	Fortune	Rubicon	55	+176	-26	0	64	+783	+0.23	+0.04	-0.01	+55	+31	+35	+253	-3	-18	40	+394	103	103	105	103	100	67	99	103	109	97	103												
Sem	CA 12731113	Claynook Discjockey	Fortune	Monterey	60	+176	-26	0	70	+945	+0.12	-0.04	+0.00	+52	+29	+43	+241	+11	-52	44	+298	102	103	103	100	101	100	71	101	103	119	100	111											
CRV	US 3144856393	Hilmar-D Pinn Alec	Pinnacle	Rubicon	59	+176	-16	0	68	+80	+0.41	+0.20	-0.02	+40	+21	+2	+171	-34	-9	52	+381	103	104	110	103	105	108	100	71	98	102	112	100	106										
CRV	NL 666179810	Delta Fair PP	PP	Rafter P Rf	65	+176	+15	0	69	+746	-0.20	-0.06	+0.04	+12	+20	+38	+119	+9	-10	58	+453	107	101	99	103	102	96	107	72	97	102	107	107	107										
CRV	NL 684231664	Delta Leonardo	Reflector	Let It Snow	66	+175	-12	0	69	+1536	-0.32	-0.04	+0.06	+32	+49	+76	+291	+1	-39	58	+374	103	100	102	94	105	105	100	79	104	103	107	102	106										
GGL	US 3014562366	Braveness	Bandares	Balisto	62	+175	-29	0	69	+1161	-0.15	+0.09	+0.05	+34	+49	+58	+290	-2	-31	57	+446	103	101	100	94	103	101	99	72	99	104	107	100	104										
Kam	NL 648499079	Koepen Rustiek	Rush Hour Cd	Bookem	61	+175	-12	0	66	+797	+0.16	+0.16	-0.02	+49	+43	+34	+289	+9	+19	54	+284	103	98	104	103	102	101	100	70	97	100	105	104	104										
Tot	US 3133371318	Endeco Charger	Silver	Altaak	61	+175	+3	0	70	+1525	-0.04	-0.20	-0.01	+61	+32	+69	+280	+1	+8	50	+312	101	101	107	103	108	72	101	103	107	100	104	104											
Alt	US 3138498720	Peak Altakemitt	Peak Altakemitt	Woodcrest Mogu	55	+175	+7	0	64	+1782	-0.46	-0.35	+0.00	+27	+25	+81	+184	+25	-29	40	+430	103	106	105	100	100	67	101	104	107	100	105												
Alt	US 3134407079	Peak Altamontoya	Altamorenro	Supersire	59	+174	-34	0																																				

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	Er-fa/Vader	M-vader	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-fa Sire	MGS	Rel	NVI	+/-	lvd	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T		
Melkdoel Zwart						pnt										€		€																	
Tot	DE 0770544819	Mineract P	PO	Mission P	Silver	65	+172	-6	0	69	+1334	+0.01	+0.05	-0.06	+58	+52	+55	+352	+8	+14	56	+254	100	98	101	99	102	102	100	72	103	102	106	102	105
Tot	US 3133064240	Endco Arise		Altaspring	Supersire	60	+172	-5	0	68	+1615	-0.35	-0.09	-0.01	+32	+47	+73	+282	+10	-32	49	+396	101	103	102	98	102	103	70	102	105	106	99	104	
Alt	US 3142181106	Peak Altaliaison		Altarobson	Mr Mogul Delta	55	+172	-15	0	64	+901	+0.11	+0.03	+0.00	+49	+34	+41	+255	-19	-13	39	+378	100	103	106	99	103	106	67	102	103	105	101	104	
Ves	IT 0199915553	Cristella Scipione		Supershot	Shamrock	60	+172	-2	0	68	+1371	-0.11	-0.15	-0.01	+47	+32	+62	+249	+9	-26	49	+491	102	105	104	103	104	100	70	104	104	101	97	101	
CRV	US 3128365017	Peak Finn		Supershot	Mecutchen	65	+172	-10	0	69	+1764	-0.52	-0.17	+0.03	+20	+43	+84	+244	+4	-75	59	+387	104	103	104	99	105	98	102	72	104	105	110	98	106
Alt	US 3142181439	Peak Altafladon		Jedi	Silver	59	+171	-6	0	68	+1857	-0.26	-0.03	-0.01	+51	+61	+84	+382	-4	-26	46	+192	102	101	103	105	102	69	99	104	105	94	100		
Sem	CA 12609140	Progenesis Positive		Duke	Rubicon	57	+171	-16	0	66	+1291	+0.30	-0.01	-0.01	+85	+44	+58	+376	+0	-2	43	+276	99	100	102	104	100	68	106	104	106	97	104		
Sem	CA 12789767	Progenesis Pluto		Fortune	Mr Oak Delco 57	54	+171	-4	0	63	+1049	-0.05	-0.08	-0.01	+40	+29	+47	+217	+13	-28	39	+292	105	105	103	102	102	66	101	103	108	98	104		
Alt	US 3138498788	Peak Altastarjact		Jedi	Mecutchen	59	+171	-13	0	68	+1073	-0.20	-0.02	+0.00	+26	+35	+49	+213	-1	-14	46	+381	103	105	106	103	106	105	70	95	102	113	94	103	
Sem	US 3132110037	View-Home Buffalo		Altaspring	Mecutchen	65	+171	-8	0	74	+775	+0.01	-0.05	+0.00	+34	+22	+35	+172	+0	-7	53	+423	101	106	107	103	107	75	102	102	110	99	106		
Gex	CA 12652572	Stantons Jed World Class		Jedi	Modesty	58	+171	-5	0	66	+780	-0.18	-0.01	-0.01	+16	+26	+35	+151	-12	-14	45	+343	105	108	105	105	103	69	93	102	112	95	102		
Mas	DE 0358774577	Feeling		Flattop	Balisto	65	+171	-7	0	69	+211	+0.50	+0.01	+0.00	+54	+8	+10	+149	-4	-5	58	+543	106	103	103	105	104	96	101	72	99	102	112	98	105
K&L	DE 0359296711	Babylon Et	RF	Battlecry	Dymetholm S S	65	+171	-7	0	69	+1016	-0.12	-0.19	+0.02	+31	+17	+48	+149	-17	+3	58	+460	103	104	104	102	101	98	101	72	97	101	110	102	106
Sem	CA 12464192	Silverridge V Phone		Duke	Supershot	57	+170	-11	0	65	+2484	-0.43	-0.16	+0.00	+57	+68	+113	+432	+3	-22	44	+401	100	97	100	103	98	69	104	105	106	94	102		
Sem	CH 1201377981	Fraeland Arland Sg		Argo Rc	Brewmaster	53	+170	-7	0	60	+1028	+0.29	-0.07	-0.01	+72	+29	+46	+284	-7	-11	41	+294	104	100	101	98	104	65	102	104	108	100	105		
Tot	DE 0538910850	Col Simon		Supershot	Headliner	71	+170	-11	0	78	+1445	-0.26	-0.03	-0.09	+35	+47	+57	+283	-2	-46	59	+331	102	104	103	100	104	99	103	79	105	106	106	95	103
CRV	US 3205770086	Eildon-Tweed Kenob Mince		Kenobi	Flagship	52	+170	-7	0	59	+763	+0.39	+0.04	-0.01	+70	+30	+34	+280	-1	+3	38	+293	105	102	103	99	100	64	99	104	110	93	102		
Tot	NL 882387482	Dg Oh Doble		Salvatore Rc	Rubicon	64	+170	-43	0	69	+1360	-0.09	-0.12	+0.06	+48	+35	+68	+265	-23	-6	55	+300	102	103	102	100	100	98	101	71	99	104	112	96	105
ABS	US 3141494533	Denovo 7947 Glitz		Jedi	Rubicon	63	+170	-6	0	73	+759	+0.07	-0.12	-0.01	+39	+38	+34	+248	-19	-25	50	+380	103	104	104	104	98	74	104	105	106	97	104		
Dek	FR 4242543548	Pommocum		Baltikum	Mecutchen	66	+170	+5	0	69	+513	+0.45	+0.09	-0.03	+64	+26	+21	+247	+18	-55	59	+245	104	104	107	101	105	103	102	72	102	103	103	99	102
BGA	UK 7266527005	Bb Dg Silver Surfer		Silver	Supersire	66	+170	+0	0	69	+976	+0.05	-0.10	+0.11	+46	+24	+55	+212	+3	-48	60	+386	104	102	103	98	103	100	102	72	104	106	107	103	107
Sam	DE 0360215264	Cbl Raven		Gymnast	Icone	54	+170	-4	0	63	+519	+0.33	+0.04	-0.01	+53	+22	+23	+208	+9	-16	39	+367	103	104	102	98	103	100	65	100	103	110	100	106	
ABS	US 3140616509	Sandy-Valley Creamer		Achiever	Silver	54	+169	-31	0	63	+837	+0.47	-0.04	+0.00	+81	+25	+38	+284	-29	-2	39	+324	99	101	104	103	105	66	97	105	107	102	105		
WWS	US 3141657416	Blumenfeld Altaconsell		Altacraig	Silver	55	+169	-7	0	64	+552	+0.31	+0.16	+0.00	+53	+34	+25	+258	+5	-35	40	+339	102	103	99	104	103	103	65	99	104	111	100	106	
Alt	US 3142181183	Peak Altafbeding		Dg Charley	Rubicon	58	+169	-77	0	66	+1014	+0.01	-0.02	+0.00	+44	+33	+46	+242	-17	-27	45	+441	102	101	104	98	105	102	69	100	103	107	102	105	
K&L	FR 7954021108	Newstar		Louxor	Capital Gain	62	+169	-2	0	68	+1071	-0.04	-0.05	+0.10	+41	+32	+59	+235	-10	-48	52	+383	105	99	102	100	106	100	100	71	104	103	119	100	112
CRV	DK 0432031492	Vh Ronhave Rodgers Romell		Rodgers	Vh Anderstrup M	65	+169	+12	0	69	+357	-0.01	+0.07	+0.04	+14	+19	+20	+113	+9	+20	57	+255	104	108	109	105	100	102	101	71	93	98	106	100	101
CRV	US 3205027117	Maplehurst Banner		Cimson	Blowtorch	60	+168	-52	0	66	+2011	-0.01	-0.06	+0.07	+84	+64	+99	+469	+7	-27	50	+144	100	98	102	98	106	103	96	69	101	103	101	98	100
Sem	CA 12857892	Progenesis Watson	RF	Imax	Mr Mogul Delta	55	+168	-12	0	63	+1188	+0.09	+0.01	+0.00	+59	+42	+54	+312	+2	-15	40	+379	101	99	104	104	104	108	66	100	103	110	98	105	
Alt	US 3133064618	Endco Aloha Rc	RF	Chevalier	Supersire	58	+168	+6	0	66	+1101	+0.10	-0.11	+0.00	+57	+27	+50	+245	+8	-8	47	+433	106	100	103	105	100	69	104	104	106	98	104		
Alt	US 3145230123	Peak Axl		King Royal	Silver	57	+168	-6	0	65	+883	+0.08	-0.02	+0.00	+45	+29	+40	+225	-37	-34	44	+430	102	101	106	95	102	107	69	99	102	112	101	107	
STG	US 3132350147	St Gen Director Chairman		Mr Pre Director	Mardi Gras	55	+168	+12	0	63	+201	+0.54	+0.17	+0.00	+57	+22	+9	+213	+19	+8	42	+472	101	105	104	105	106	66	97	101	108	96	101		
STG	US 3126776429	Edg Delta B52		Mr Mogul Delta	Roylane Booken	62	+168	-8	0	68	+225	+0.57	+0.11	+0.00	+61	+18	+10	+205	+5	+11	49	+339	105	102	104	98	106	101	72	101	102	107	100	104	
CRV	NL 661727018	Double W Radiator		Jetset	Snowvlewer Cd	66	+168	-16	0	69	+135	+0.64	+0.21	-0.07	+50	+14	+12	+159	-6	+6	59	+372	107	101	101	103	101	97	102	72	100	102	113	101	108
Alt	US 3131306835	Endco Dragon		Supershot	Platinum	64	+167	-12	0	73	+1867	-0.27	-0.13	+0.00	+50	+51	+85	+340	-7	-40	53	+406	103	97	100	105	103								

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

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

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

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Ki	Sti	Sti	Erfa	M	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	Bull	Herfa	MGS	Rel	NVI	+/-	dau	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T										
Melkdoel Zwart					Productie										€										Functioneel										Exterieur									
Tot	NL 751486982	Peak Exotic Yoder 8698	Woodcrest Mogu	Supersire	58	+165	-7	0	66	+205	+0.37	-0.08	+0.00	+42	+0	+9	+91	+8	+13	45	+575	106	105	107	102	103	104		69	97	103	106	99	102										
Bov	US 3139951898	Speak-N-J Raiden Arden	Abs Raiden	Kingboy	55	+164	-16	0	63	+1669	-0.23	-0.21	+0.00	+47	+36	+76	+269	-2	-8	41	+441	102	101	107	99	104	100		67	102	104	107	95	102										
GGL	DE 0540130147	Wildor Berum	Batch P	Superhero	61	+164	-7	0	66	+1116	-0.17	+0.03	-0.10	+30	+42	+61	+254	-10	-49	52	+431	102	99	102	99	102	99	102		69	103	105	111	102	109									
Kam	NL 621975552	Big Kofu	Jetset	Brawler	63	+164	-27	0	69	-232	+0.65	+0.33	+0.04	+46	+20	-7	+177	-16	-2	59	+420	107	101	101	102	103	100	99	72	104	103	112	100	108										
Sem	US 3140616308	Sandy-Valley Emerald	Fortune	Rubicon	56	+164	-15	0	65	+1068	-0.22	-0.12	-0.01	+23	+25	+48	+165	+0	-21	40	+391	102	105	106	103	102		67	97	103	111	100	105											
ABS	NL 580616806	Willem's-Hoeve W-H J August	Jetset	Balisto	59	+164	+17	0	67	-147	+0.43	+0.30	+0.01	+31	+21	-6	+149	+27	-16	48	+475	110	102	99	104	103	96	71	99	102	111	98	105											
K&L	DK 033885059	Vh Blush Bradoc	Vh Blush	Bynke	69	+164	-12	0	77	-660	+0.27	+0.28	+0.05	-6	+0	-26	-20	-22	-23	55	+502	106	111	108	104	101	102	104	71	100	102	104	102	103										
Alt	US 3143525335	Peak Altaglio	Oakfield Rubico	Monterey	56	+163	-26	0	64	+1066	+0.41	+0.02	-0.01	+86	+39	+48	+355	-13	+20	41	+343	100	96	104	105	101		67	97	102	104	100	102											
ABS	US 3135245775	Abs Moroccan	Skyfall	Silver	57	+163	-3	0	64	+1116	-0.35	-0.06	-0.01	+82	+33	+50	+323	-8	-16	42	+182	102	99	103	95	104		68	99	102	108	100	104											
Sem	CA 12754561	Westcoast Horizon	Fortune	Bayonet	54	+163	-12	0	63	+874	+0.13	+0.16	-0.01	+50	+46	+39	+305	+15	-84	39	+251	101	104	102		104	100	67	104	102	112	96	106											
Gex	US 3132117304	Pine-Tree Gated Hydro	Gatedancer	Tango	55	+163	+4	0	63	+979	+0.10	+0.11	-0.01	+51	+45	+44	+305	+25	+5	41	+153	102	102	103		103	98	65	98	101	106	97	101											
Alt	US 3139733285	Peak Altaemirates	Altallywheel	Silver	56	+163	-19	0	64	+1058	+0.13	+0.00	+0.00	+58	+37	+48	+288	+1	+2	43	+212	101	102	105	100	105	98	64	96	102	106	98	101											
Sem	CA 12719092	Progenesis Dumbledore	Superhero	Kingboy	57	+163	-13	0	65	+1649	-0.26	-0.17	+0.00	+43	+40	+75	+277	+2	-54	43	+443	103	99	105	102	103	102	68	104	101	111	98	106											
CRV	US 3130001832	Intense-Com Sutton	Bourbon	Supershot	56	+163	+1	0	63	+1789	-0.50	-0.12	-0.01	+23	+49	+81	+274	-1	-39	44	+431	103	103	101	99	104	101	67	103	102	102	97	101											
ABS	NL 677776684	K&I Dh Clinton	Superhero	Silver	57	+163	+1	0	66	+846	+0.15	+0.08	-0.01	+50	+37	+38	+268	+6	-27	43	+343	100	102	101	97	105	109	68	100	104	109	101	106											
	NL 618713259	Primeval Hercules	Superhero	Mr Mogul Delta	59	+163	-21	0	68	+1221	-0.03	-0.06	-0.01	+49	+36	+55	+267	+1	+11	44	+358	98	103	103	101	105	105	69	99	102	106	100	103											
Sem	US 3014562212	Sandy-Valley Piston	Jedi	Balisto	59	+163	-14	0	68	+1082	+0.01	-0.01	+0.00	+47	+37	+49	+265	-10	-19	47	+388	105	102	100	99	103	100	69	99	102	109	94	102											
STG	US 3133064211	T-Gen-Ac Dixie Edward	Entail	Day	56	+163	-3	0	63	+1473	-0.15	-0.16	+0.00	+47	+35	+67	+262	+0	-29	46	+458	104	98	105	99	101	97	68	100	103	111	98	105											
CRV	US 3132426438	Peak Fanning	Edg Mogul Ruge	Supersire	61	+163	-1	0	68	+912	+0.11	-0.01	+0.00	+49	+31	+42	+243	+26	-2	56	+404	102	102	107	100	103	97	99	71	99	102	103	99	101										
STG	US 3126776525	Genosource Delta Regma	Mr Mogul Delta	Roylane Socra R	59	+163	-19	0	67	+849	+0.27	-0.06	-0.01	+62	+24	+38	+240	-20	+54	48	+508	102	99	104		104	104	70	92	100	104	99	99											
STG	US 312351455	St Gen Delta Rebel	Mr Mogul Delta	Rubicon	57	+163	-10	0	64	+916	+0.17	-0.06	-0.01	+55	+26	+41	+234	-6	+13	44	+390	101	100	103	99	104	108	68	97	102	112	101	106											
	US 3132426398	Peak Altadagger	Bayonet	Distinction	56	+163	-3	0	64	+1022	-0.15	-0.04	-0.01	+29	+32	+46	+206	+19	+7	45	+492	102	104	100	100	103	104	66	100	101	107	98	103											
Tot	NL 711611234	De Oosterhof Dg Helios	Doorsopen	Tango	65	+162	-3	0	69	+1336	-0.11	-0.06	+0.01	+45	+40	+62	+277	+16	-19	58	+300	106	97	105	98	102	98	101	72	98	103	110	98	104										
Kam	NL 899002701	De Vlog Alanda	Regard	Snowleever Cd	64	+162	-10	0	69	+1101	-0.30	-0.10	+0.05	+17	+28	+55	+167	-1	+13	60	+451	104	99	102	101	100	103	106	72	97	100	107	103	104										
CRV	NL 754797988	Delta Leader P	Rafter P Rf	Balisto	65	+162	+0	0	69	-471	+0.43	+0.36	-0.07	+16	+14	-27	+83	+4	+14	59	+438	105	104	104	104	100	99	106	72	90	95	104	103	100										
	NL 685696174	Koepon Altavix P	Hologram-P	Supershot	56	+161	-7	0	64	+1642	-0.09	-0.20	-0.01	+60	+36	+74	+296	-5	+17	41	+530	102	97	105	98	103	101	65	100	101	104	97	101											
Alt	CA 13024876	Progenesis Altastark	Topnotch	Jedi	55	+161	-14	0	63	+1428	-0.39	-0.07	+0.00	+20	+42	+65	+234	-13	-6	40	+377	102	105	105	101	102		66	99	102	110	92	101											
	DE 0539782083	Superglu	Superhero	Headliner	66	+161	-26	0	69	+633	+0.25	+0.07	-0.05	+51	+29	+24	+233	-1	+2	56	+407	103	103	100	99	103	99	102	72	98	103	106	96	101										
LIV	CA 12189058	Stantons Miss Joplin	Missouri	Mccutchen	65	+161	-15	0	75	+1884	-0.45	-0.29	+0.00	+32	+34	+86	+232	-13	-8	53	+444	104	99	103	99	101	103	77	97	99	111	98	104											
Sem	CA 12529327	Progenesis Topnotch	Jedi	Lottomax	59	+161	-6	0	68	+1230	-0.22	-0.07	+0.00	+30	+36	+56	+227	+3	-21	46	+410	105	103	103	95	106	100	70	99	104	109	94	102											
STG	US 3130641525	Stantons Escape	Altaspring	Day	60	+161	+0	0	69	+1433	-0.20	-0.22	+0.00	+40	+27	+65	+214	+10	-24	48	+393	102	102	103			99	102	70	101	104	110	101	107										
STG	DE 0358435146	Gga Gordon	Battlecry	Altaembassy	64	+161	-20	0	73	+840	+0.02	-0.05	+0.00	+38	+24	+38	+190	-7	-22	50	+488	105	103	103	103	101	103	99	74	101	103	104	99	102										
CRV	NL 682548137	Delta Jacobus	Topgear	Mobile	65	+161	-14	0	69	+528	+0.18	+0.03	-0.10	+39	+21	+15	+173	-25	-34	58	+264	104	104	106	103	98	97	104	72	101	104	105	101	104										
Alt	US 3144883112	Siemmers Healer	King Doc	Monterey	54	+160	-9	0	62	+1620	-0.08	-0.14	-0.01	+60	+42	+73	+320	+5	-32	40	+234	100	101	101	96	103	101	66	100	102	109	99	105											
Sem	CA 109603329	Lesperron Successor	Jedi	Kingboy	59	+160	-10	0	67	+1469	-0.26	-0.06	+0.00	+36	+45	+67	+280	-8	-31	46	+308	104	103	104		103	96	70	101	103	106	93	100											
Alt	US 3142181434	Peak Altamilestone	Jedi	Silver	59	+160	-8	0	68	+1268	-0.15	+0.00	-0.01	+39	+44	+57	+279	-8	+0	46	+261	102	102	105	103	105	100	70	100	102	110	94	102											
Alt	US 3135331884	Hgherransom Altasith	Jedi	Roylane Booken	59	+160	-5	0	67	+1248	-0.36	-0.04	-0.01	+17	+39	+56	+212	-3	+5	46	+325	107	103	104		104	98	70	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

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Ki Stiernummer	Stiernaam	Erfa-faVader	M-vader	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-fa Sire	MGS	Rel	NVI	+/-	lau	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T														
Melkdoel Zwart				Productie														€										Functioneel										Exterieur									
Sem	CA 40000098	Vogue Eclipse PP	PP	Yoda P	Duke	53	+157	+3	0	61	+840	+0.21	+0.01	+0.00	+56	+30	+38	+252	+6	-20	38	+406	104	103	99	99	101	63	100	104	108	94	102														
Tot	NL 685695823	Kairo-Koepon 9582		Gatedancer	Woodcrest Mogu	55	+157	+3	0	64	+1185	-0.12	-0.06	+0.00	+38	+35	+54	+240	+9	-11	40	+285	102	104	104	96	104	104	65	98	103	108	95	101													
Sem	CA 12508193	Walnutdawn Bridgestone		Lighthouse	Willsbro Abbott	53	+157	+1	0	61	+1354	-0.29	-0.08	-0.01	+28	+39	+61	+237	+14	-43	38	+409	101	102	102	97	103	99	64	103	102	114	98	108													
Alt	US 3131664081	Peak Albombast		Boastful	Montross	60	+157	-5	0	68	+1078	-0.12	-0.09	+0.00	+34	+29	+49	+205	-10	-33	47	+472	104	103	103	99	104	100	70	101	104	107	97	103													
Kam	NL 658450295	New Moore Sound Garden		Sound System	Contrast	65	+157	n	0	73	+934	+0.02	-0.11	+0.04	+42	+22	+47	+191	n	-40	59	+247	103	105	106	104	102	102	101	75	105	106	112	97	107												
CRV	US 74701039	No-Fla Max		Josuper	Altaoak	65	+156	-11	0	69	+1548	-0.09	-0.09	-0.02	+56	+45	+69	+323	-16	+36	58	+216	100	104	103	99	103	103	97	72	93	99	102	93	95												
Sem	CA 12754531	Westcoast Gunmetal		Jedi	Tango	59	+156	-3	0	67	+1838	-0.41	-0.08	-0.01	+34	+55	+83	+322	-6	+2	46	+156	104	101	104	102	105	99	69	97	102	102	94	97													
Alt	US 3142181155	Peak Altalansing		Bourbon	Rubicon	58	+156	-10	0	68	+1698	-0.25	-0.11	-0.01	+46	+47	+77	+312	+6	+0	44	+321	100	100	103	99	104	104	69	97	104	106	97	101													
NL	743560812	Neerduist Dg Harvest		Pure	Jacey	65	+156	+0	0	69	+1484	-0.12	-0.09	+0.08	+51	+42	+76	+302	+12	+11	57	+269	98	103	101	103	101	103	100	72	96	101	104	98	100												
Kam	NL 647266890	Van De Peelschoeve Nick		Supershot	Snowman	63	+156	-10	0	69	+1784	-0.43	-0.12	+0.08	+30	+49	+90	+291	-9	-46	59	+354	102	100	103	99	102	99	102	72	104	105	99	101	102												
Kam	NL 606684859	Poppe Red Hot Barico	RF	Barolo	Snow Rf	62	+156	-16	0	69	+658	+0.22	+0.15	+0.04	+49	+37	+34	+265	-9	+25	58	+306	102	102	97	102	97	102	100	72	95	98	106	98	100												
Tot	DE 0539782148	Col Dg Maximus		Montana	Supershot	59	+156	-5	0	66	+933	+0.07	+0.02	-0.01	+46	+34	+42	+249	+2	-19	45	+398	103	101	104	101	103	102	69	102	103	105	98	103													
ABS	US 3014562341	Sandy-Valley Lottery		Bandares	Kingboy	57	+156	+8	0	66	+644	+0.32	+0.07	+0.00	+58	+29	+29	+249	+9	-23	43	+364	103	101	103	102	101	69	103	104	108	98	105														
CRV	US 3204164907	Denovo 15669 Council		Crinson	Frazzled	57	+156	n	0	65	+806	+0.31	-0.04	+0.03	+64	+24	+40	+245	n	-10	50	+256	104	102	105	99	105	104	99	68	102	104	107	97	103												
Alt	US 3132991895	G-Deuyter Altatnt		Jedi	Kingboy	60	+156	-1	0	68	+1276	-0.34	-0.03	+0.00	+20	+41	+58	+228	+6	-2	47	+399	104	104	104	96	103	100	70	100	102	108	91	100													
GGL	DE 1603800081	Mineral PP	RF PP	Milford-P	Balisto	66	+156	+1	0	69	+209	+0.52	+0.20	-0.05	+56	+25	+5	+222	+22	+36	56	+244	102	102	104	103	100	103	99	72	98	99	107	100	103												
K&L	FR 3516149449	Lager Tual		Supershot	Cashcoin	71	+156	-14	0	78	+1523	-0.64	-0.09	-0.02	-2	+44	+67	+196	-16	-45	59	+447	103	106	103	103	103	102	100	72	106	106	107	95	104												
Alt	US 3145229871	Peak Altaorinoco		Eldorado	Denver	56	+155	-8	0	65	+936	+0.18	+0.08	-0.01	+57	+40	+42	+296	-15	+10	42	+335	99	102	101	105	65	97	100	105	97	100	100	100													
Alt	US 3014562353	Sandy-Valley Altaadmiral		Flagship	Kingboy	57	+155	-4	0	66	+998	+0.16	-0.04	-0.01	+58	+31	+45	+262	-2	-9	44	+393	104	104	103	106	98	69	103	103	104	90	98														
US	3129037813	T-Cen-Ac Kb Kingstar		Kingboy	Day	64	+155	-3	0	72	+1393	-0.29	-0.13	-0.01	+29	+35	+63	+223	+1	-10	53	+356	103	102	105	102	102	76	100	102	110	96	103														
Kam	NL 654340846	De Pettershoeve Jetbead		Jetset	G-Force	63	+155	-9	0	69	+130	+0.46	+0.21	-0.01	+47	+23	+5	+195	-18	-4	59	+247	104	102	100	102	100	97	104	72	104	102	107	101	106												
Alt	US 3142181231	Peak Altamaui		Montana	Rubicon	58	+154	-8	0	66	+1405	+0.06	-0.11	+0.00	+66	+38	+64	+314	+0	-40	44	+319	102	99	104	96	101	103	69	101	103	107	97	103													
WWS	US 3127565651	Clear-Echo Jd Jared 745		Jedi	Kingboy	59	+154	-6	0	68	+1247	-0.20	-0.06	-0.01	+33	+37	+56	+238	-3	-14	46	+323	102	106	105	101	104	99	70	99	103	107	91	99													
STG	US 3134167086	Hartford Rubi-Taz		Rubicon	Altaoak	64	+154	-3	0	72	+1003	+0.14	-0.11	-0.01	+56	+24	+45	+230	-9	-34	52	+349	100	102	105	104	103	74	102	105	105	103	106	100													
ABS	US 3135245993	Abs Joppolo-Pp	PP	Answer Po	Powerball P	55	+154	+12	0	64	+491	+0.37	+0.07	+0.00	+55	+24	+22	+221	+29	+45	39	+315	101	104	105	99	103	65	99	99	105	95	100														
CRV	US 3132413744	Rolindacres Calder		Damans	Altajohnson	62	+154	-11	0	69	+658	+0.18	+0.05	+0.02	+45	+28	+32	+219	-11	+16	56	+413	104	102	101	102	102	98	102	70	95	98	109	93	99												
Tot	NL 721545936	Hul-Stein Conqueror		Amour	Platinum	57	+154	-6	0	65	+681	+0.15	+0.02	+0.00	+43	+26	+31	+206	-6	-33	43	+433	103	104	104	103	103	100	68	99	104	101	99	100													
CRV	US 3135087163	Peak Lavish		Altastratify	Massey	62	+154	-10	0	69	+1092	-0.26	-0.06	+0.04	+20	+32	+54	+189	-18	-11	58	+547	104	103	99	97	103	99	101	71	98	102	105	97	101												
WWS	US 3137878133	Kings-Ransom B Drastic P	PO	Bandares	Powerball P	57	+154	+14	0	66	+324	+0.21	+0.13	-0.01	+33	+23	+14	+168	+3	-25	44	+347	102	104	106	106	103	105	68	104	103	111	100	107													
US	3137878098	Kings-Ransom F Detail		Franchise	Kingboy	57	+154	+8	0	65	+946	-0.31	-0.11	+0.00	+10	+22	+43	+124	+11	-7	44	+412	103	106	107	101	100	68	97	102	107	99	103														
Alt	US 3142181436	Peak Altabentley		Jedi	Silver	58	+153	-5	0	66	+1383	-0.19	-0.10	+0.00	+39	+38	+63	+257	+6	-22	46	+290	105	101	103	100	104	98	68	97	103	110	94	102													
ABS	UK 7060426042	Denovo Julep		Jett	Racer	55	+153	-3	0	63	+1282	-0.34	-0.05	-0.01	+20	+40	+58	+223	-8	-27	43	+292	103	104	105	103	107	102	66	102	102	109	95	103													
Sem	CA 12283285	Westcoast Galahad		Penmanship	Jacey	58	+153	-6	0	65	+621	+0.10	+0.10	+0.00	+36	+31	+28	+211	+2	-65	44	+394	104	103	101	100	104	104	70	104	103	107	100	105													
Tot	DE 0539386380	Col Dg Champ		Chevalier	Tango	60	+153	-8	0	67	+1214	-0.15	-0.14	+0.00	+36	+28	+55	+207	+18	+4	47	+289	103	102	106	103	104	100	69	99	102	103	101	102													
AWE	DE 0359171051	Bali P	PO	Battlecry	Jacey	66	+153	-8	0	69	+290	+0.23	+0.03	+0.00	+33	+13	+13	+127	-8	-5	58	+395	106	105	102	100	103	99	72	99	100	112	97	104													
Alt	US 3133065179	Mr Monster		Jedi	Bomboro	59	+152	-12	0	68	+2137	-0.42	-0.12	-0.01	+44	+61	+97	+372	-1	-34	46	+257	102	99	103	103	97	70	103	104	104	93	100	100													
ABS	CA 42002132	Brabantdale Angler		Duke	Mccutchen	56	+152																																								

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	Erfa-faVader	M-vader	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-fa Sire	MGS	Rel	NVI	+/-	lvd	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temp	MS	CLW	Rel	F	DS	U	F&L	T																	
Melkdoel Zwart										Productie										€										Functioneel										Exterieur											
Tot	US 3133064274	Mr Puma	Icône	Balisto	63	+148	+0	0	69	+379	+0.30	+0.17	+0.06	+44	+29	+23	+218	+14	+23	58	+331	101	102	102	101	104	105	101	78	98	103	111	96	104																	
Kam	NL 751089990	Koepon Motif	Mogul	Planet	71	+148	+10	0	78	+440	+0.25	-0.05	+0.02	+42	+11	+22	+140	+32	-1	62	+415	103	101	102	102	102	107	109	101	82	100	104	110	104	108																
Gex	US 3132632949	Co-Op Livewire Terrano	Co-Op Livewire	Jabir	54	+148	-6	0	61	+946	-0.05	-0.23	+0.00	+35	+10	+43	+127	+7	-23	42	+385	106	106	104		102	98		65	98	103	105	97	101																	
CRV	US 3142710599	Maplehurst Eagle	Spectre	Josuper	62	+147	-11	0	68	+1944	-0.02	-0.26	+0.02	+80	+40	+91	+359	-7	+25	53	+269	100	97	104	103	107	105	99	69	100	102	103	96	100																	
CRV	NL 590721134	Barnkamper Sylvester	Silver	Bookem	75	+147	-9	0	78	+1783	-0.36	-0.13	+0.10	+37	+48	+92	+302	+25	-45	70	+218	102	98	103	95	103	101	99	87	103	103	111	100	107																	
	US 73953455	Bomaz Altaeddie	Altaspring	Bookem	61	+147	-4	0	69	+1065	+0.17	-0.04	-0.01	+62	+33	+48	+280	+11	+14	50	+276	98	101	104		99	103		70	100	103	105	99	103																	
Tot	DE 0666644451	Mr. Cobain	Missouri	Supersire	60	+147	+1	0	69	+1761	-0.38	-0.20	+0.00	+34	+40	+80	+259	-8	-7	48	+428	105	98	104	101	100	99	69	100	101	102	97	100																		
Sem	CA 12789794	Progenesis Greatlakes	Outlast	Mr Mogul Delta	54	+147	-10	0	63	+1557	-0.13	-0.24	+0.00	+53	+29	+71	+252	+1	-20	39	+253	101	101	102		104	103		67	103	103	109	100	106																	
STG	US 3133791640	Kenmore Jedi Skywalker	Jedi	Day	58	+147	-8	0	66	+928	-0.15	-0.01	+0.00	+25	+31	+42	+192	+0	-14	46	+355	104	105	104		104	96		69	97	103	105	94	99																	
Kam	NL 752498647	Primora	Silver	Big Winner	63	+147	-13	0	69	+381	+0.24	+0.03	+0.01	+38	+16	+18	+151	+27	+5	60	+552	104	99	100	96	102	100	102	72	101	104	109	102	107																	
CRV	US 3131664060	Peak Barkley	Superman	Tango	61	+146	-7	0	68	+1639	-0.19	-0.02	+0.00	+50	+55	+75	+353	+12	+11	55	+230	98	102	103	100	104	106	96	71	93	99	104	94	97																	
BGA	NL 753744130	Akilia Kiwi	Kingboy	Snowman	66	+146	-8	0	69	+1613	+0.03	-0.22	-0.06	+72	+33	+67	+307	+11	-25	59	+311	103	98	103	99	103	95	99	72	103	101	104	98	102																	
Alt	US 313849889	Peak Altaactor	Jett	Altakado	56	+146	-3	0	65	+1510	-0.24	-0.05	-0.01	+39	+47	+68	+295	+3	+11	43	+126	102	101	102	101	107	99		66	99	102	110	94	102																	
Sem	CA 12648512	Progenesis Denmark	Jedi	Kingboy	59	+146	-13	0	67	+1529	-0.21	-0.13	-0.01	+43	+40	+69	+275	-4	-45	46	+356	103	100	104		99	105	100	70	101	102	112	93	103																	
GGI	DE 1267420394	Sisko	Silver	Nog Ikaro	71	+146	+1	0	78	+1148	+0.19	-0.12	+0.05	+68	+28	+57	+275	+19	+10	59	+198	101	100	101	96	102	106	99	72	97	101	110	99	104																	
Tot	US 3139951896	Speek-Nj R Altereo	Abs Raiden	Kingboy	56	+146	-14	0	64	+1221	-0.04	-0.14	-0.01	+48	+28	+55	+232	-12	-26	41	+409	101	102	106	98	102	100		67	105	104	107	96	104																	
Adv	NL 941519562	Beeze Calina Dron Et	Doorsopen	Balisto	65	+146	-8	0	69	+189	+0.44	-0.20	-0.05	+48	+25	+4	+205	+8	-45	58	+259	103	102	100	98	101	97	100	72	99	102	111	102	107																	
WWS	US 3130915846	Cookicutter Md Hardroek	Modesty	Capital Gain	58	+146	+4	0	67	+1156	+0.00	-0.19	-0.01	+49	+21	+52	+205	+3	+22	44	+132	103	102	107	101	104	106		69	97	100	107	99	102																	
Tot	US 3133064286	Endco Artwork	Silver	Supersire	62	+146	-6	0	70	+984	-0.15	-0.13	-0.01	+27	+21	+44	+156	+10	-9	51	+372	103	103	103	100	104	106		73	103	103	110	100	107																	
NL	725756208	Holbra Curly	Wickham	Man-O-Man	72	+146	-9	0	79	-33	+0.48	+0.16	+0.03	+41	+13	+1	+139	-9	+13	66	+285	102	103	102	101	103	102	104	80	96	102	106	103	104																	
CRV	US 3131003444	S-S4 Modesty Trace	Modesty	North-Echo Num	61	+146	-19	0	68	+386	+0.07	+0.01	+0.01	+23	+20	+19	+136	-28	+26	56	+284	102	102	106	102	101	105	102	71	90	99	108	103	103																	
Alt	US 3135301224	Ronelee Altadroid	Jedi	Balisto	59	+145	-18	0	67	+1578	-0.27	-0.11	+0.00	+39	+43	+72	+280	-3	-8	47	+366	102	102	103	101	105	103		70	98	102	106	91	98																	
Tot	DE 0770405768	Nh Balboa	Battlecry	Anton	62	+145	+8	0	71	+675	+0.28	-0.12	-0.01	+55	+35	+30	+268	+6	-1	49	+417	103	99	100	97	98	100		73	99	101	104	97	100																	
Alt	US 3142181578	Peak Altaganger	Hotline	Altal stclass	57	+145	+6	0	66	+951	+0.08	-0.03	-0.00	+48	+30	+43	+237	+14	+5	43	+217	103	98	103		104	107		68	96	100	112	101	106																	
Gex	US 3135669646	No-Pla Jediti	Jedi	Altageunity	58	+145	-3	0	66	+724	-0.19	+0.11	+0.00	+13	+36	+33	+185	+6	+5	45	+345	104	102	104	99	105	101		68	94	101	108	97	101																	
US	3131131455	Peak Altaspice P	PO	Powerball P	Tango	58	+145	-9	0	66	+767	-0.07	-0.01	+0.00	+26	+26	+35	+172	-9	+25	46	+246	103	103	105		104	103		68	97	99	109	98	103																
GGI	DE 0359296776	Beatbook	Beatsick	Bookem	65	+145	-2	0	69	+814	-0.21	-0.01	-0.02	+14	+27	+35	+151	+8	-67	57	+356	104	102	106	100	104	104	101	72	103	104	109	103	108																	
Ves	NL 940038439	Drouner Topman	Topgear	Balisto	56	+144	-6	0	63	+1440	-0.31	+0.00	-0.01	+29	+50	+65	+285	+6	-53	46	+308	104	99	99	98	98	93		67	103	102	100	102	102																	
SZO	IT 0129908005	Ceresio Inseme Antani	Brasileiro	Lochinvar	61	+144	-14	0	68	+686	+0.42	+0.06	+0.00	+69	+30	+31	+277	+3	+24	47	+246	100	99	100	103	104	102		71	98	99	108	100	103																	
Mas	NL 751812240	Montaro Et	Montross	Numero Uno	70	+143	-18	0	78	+1811	-0.16	-0.10	-0.02	+60	+52	+81	+364	-9	+11	58	+313	99	98	101	98	107	104	100	72	107	102	100	96	100																	
CRV	US 3148093491	Siemens Doc Hardy	King Doc	Monterey	62	+143	-14	0	68	+1780	-0.13	-0.14	-0.06	+62	+47	+88	+349	-27	-1	53	+214	98	96	102	99	101	106	100	70	99	100	112	99	106																	
Tot	US 3147987767	Midas-Touch Hannibal	Eldorado	Rubicon	59	+143	-4	0	67	+954	+0.20	+0.04	-0.01	+60	+37	+43	+291	-3	-10	45	+296	101	99	103	100	106	103		68	100	103	109	96	103																	
ABS	US 3130010739	De-Su 13494 Hartley	Hang-Time	Supersire	63	+143	-5	0	71	+977	-0.01	-0.02	-0.01	+40	+36	+44	+245	-15	-18	49	+322	103	102	100		106	99		73	96	103	108	95	101																	
Gex	US 3137164163	Regan-Danhof Gamechanger	Modesty	Jedi	58	+143	-23	0	67	+933	+0.16	-0.07	-0.01	+55	+26	+42	+235	-10	+14	45	+204	101	102	104		103	104		70	95	101	107	98	101																	
Alt	US 3138948148	Aurora Altaantonio	Bandares	Commander	58	+143	+9	0	67	+555	+0.20	+0.05	+0.00	+42	+24	+25	+194	+0	-16	43	+334	103	101	105	95	105	107		69	101	104	107	100	105																	
Alt	US 3129128824	Peak Altacopy	Altahotrod	Roylane Socra R	60	+143	+12	0	68	+1467	-0.38	-0.21	-0.01	+23	+29	+66	+187	+19	-13	49	+416	102	102	104		99	103	103	70	104	102	103	101	104																	
Tot	US 3138948156	Aurora Mitchell	Wet Tatam Mitch	Bomboro	56	+143	-13	0	65</																																										

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	Sti	nummer	Stiernaam	Erfa-faVader	M-vader	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-fa Sire	MGS	Rel	NVI	+/-	lau	Rel	kgM	%F	%P	%L	kgF	kgP	kgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T
Melkdoel Zwart							pnt											€		€															
STG	US	3126776438	Edg Delta-Baylor	Mr Mogul Delta	Roylane Booken	61	+139	-4	0	69	+1194	-0.07	-0.13	-0.01	+44	+29	+54	+228	+8	+13	47	+249	100	104	104	104	104	105	71	100	102	108	94	101	
Mas	DE	0358774630	Iceland	Iccone	Epic	65	+139	-3	0	69	+779	+0.04	-0.04	+0.08	+37	+23	+43	+185	-1	-28	58	+518	102	101	100	100	102	104	100	72	99	105	110	99	105
Alt	US	3140616106	Sandy-Valley Altaemoji	Bandares	Pure	57	+139	-1	0	65	+142	+0.17	+0.12	-0.01	+21	+16	+6	+112	-3	-25	43	+401	104	104	105	97	103	107	68	100	105	112	98	106	
Tot	NL	718879048	Caps Powerbul	Powerball P	Supersire	69	+138	-5	0	78	+633	+0.31	+0.03	-0.01	+56	+25	+28	+229	-10	-25	61	+269	101	105	105	97	102	96	78	101	103	106	93	100	
Dek	FR	8574596866	Sources Jaunay Maestro	Jethro	Altaoak	63	+138	-10	0	68	+850	+0.07	+0.00	+0.04	+43	+30	+43	+226	-12	-65	54	+256	101	102	103	95	102	103	100	71	105	102	109	101	107
Tot	NL	707440686	R Dg Niels	Damaris	Numero Uno	65	+138	-32	0	69	+639	+0.10	+0.04	-0.01	+37	+26	+28	+193	-26	-1	57	+374	102	102	105	102	101	100	102	71	99	103	107	95	101
Adv	US	3132356929	Kings-Ransom H Skare	Hang-Time	Diamond	55	+138	+9	0	63	+416	+0.37	+0.03	-0.01	+52	+17	+18	+184	+4	+8	41	+323	106	102	97	96	103	96	66	95	101	107	97	101	
Adv	BE	512450560	Delana Morrison	Montross	Altaiota	67	+138	-18	0	69	+1281	-0.30	-0.18	+0.11	+24	+26	+70	+178	-1	-33	66	+290	103	105	102	103	105	103	98	83	102	104	108	98	104
Alt	US	3129340935	Welcome Altareserve Et	Modesty	Reflector	55	+138	-15	0	62	+964	-0.22	-0.09	+0.00	+19	+25	+44	+156	-8	-7	44	+277	101	102	107	101	104	106	67	101	101	110	102	107	
GGI	DE	0816321782	Baku	Battlecry	Boss	65	+138	-16	0	69	+253	+0.14	+0.13	-0.03	+1	+2	-14	+6	+4	-16	58	+381	105	110	101	98	105	96	99	72	98	103	113	100	107
DE	0358774592	Bogota	Bolaro	Balisto	60	+137	+1	0	69	+1992	-0.42	-0.07	-0.01	+39	+62	+90	+363	+19	-20	47	+175	98	95	104	101	101	102	69	103	101	107	101	105		
Sem	CA	12529248	Progenesis Midnight	Duke	Defender	58	+137	-11	0	67	+1327	-0.03	+0.02	-0.01	+53	+48	+60	+326	-7	-45	45	+200	98	100	102	100	105	103	69	104	103	108	98	105	
AWE	DE	0667131219	Hib Armani P	Adagio-P	Midford-P	61	+137	-35	0	71	+985	+0.13	+0.00	-0.01	+55	+34	+44	+268	-43	-0	47	+151	101	100	102	98	101	102	72	101	101	105	100	103	
CA	12478085	Vogue Landslide	Mr Super Conten	Altal stclass	57	+137	+4	0	64	+1022	+0.01	-0.11	-0.01	+44	+25	+46	+209	-18	-33	43	+344	103	100	101	99	102	68	102	101	112	99	107			
SZO	CA	12687225	Vogue Letsgo	Applicable	Powerball P	60	+137	-11	0	69	+780	-0.01	+0.03	-0.01	+32	+30	+35	+201	-15	-26	46	+228	102	101	104	100	100	72	102	103	114	99	108		
Sem	CA	12731114	Claynook Duplo	Fortune	Montery	55	+137	-13	0	64	+474	+0.10	-0.01	-0.01	+29	+16	+21	+133	+13	-55	40	+334	103	104	102	98	104	101	67	101	104	117	99	109	
Ves	IT	03499094526	Felegara Honey Trap	Willsbro Abbott	Balisto	61	+137	-11	0	68	-51	+0.24	+0.25	+0.00	+19	+20	-2	+121	-12	-47	48	+518	105	102	103	105	102	104	72	99	101	109	100	105	
Kam	NL	621975569	Big Mindset	Jetset	Brawler	63	+136	-13	0	69	+363	+0.23	+0.12	+0.04	+37	+24	+20	+182	-8	-4	59	+377	107	99	103	99	105	100	100	72	104	102	109	96	104
Tot	US	3148100386	Aurora Express	Cookiecutter Jd	S-S-I Eraser P	56	+135	-6	0	63	+1206	+0.04	-0.01	+0.00	+55	+41	+55	+300	+23	-15	41	+166	99	103	103	102	101	66	100	101	104	94	99		
SZO	DE	0539040496	Samovar	Silver	Galaxy	61	+135	-5	0	69	+300	+0.66	+0.09	-0.01	+73	+19	+13	+235	+12	-1	50	+111	98	102	102	97	102	102	72	99	103	106	104	105	
Tot	DE	0770753339	Dg Nh Arrow	King Doc	Montery	56	+135	-7	0	63	+921	+0.00	-0.08	+0.00	+39	+24	+42	+193	-2	-41	42	+364	102	102	103	97	102	104	67	104	101	110	98	106	
Tot	NL	665165320	Hbe Silver Chelsea	Silver	Supersire	71	+135	+6	0	78	+803	+0.07	-0.06	+0.09	+41	+22	+45	+190	+21	-48	60	+169	99	104	106	98	104	104	100	72	104	107	106	104	108
Tot	US	3133341762	Webb-Vue Sir Duke	Duke	Halogen	57	+135	-2	0	65	+1067	-0.04	-0.16	-0.01	+41	+21	+48	+187	+7	-25	43	+368	103	103	99	100	103	100	67	101	103	109	97	104	
Alt	DE	0539392042	Wilder Altakid	Jedi	Modena	58	+134	-17	0	65	+975	-0.11	+0.00	-0.01	+31	+34	+44	+218	-14	-8	46	+328	104	102	101	101	105	103	69	95	103	110	92	100	
NL	844068246	Riethil One Tree Island	Commander	Lexor	69	+133	-1	0	77	+978	+0.08	+0.04	-0.01	+49	+38	+44	+272	-1	-13	61	+145	99	99	100	102	106	104	78	98	99	107	104	105		
Sem	CA	12648445	Progenesis Woodstock	Jedi	Mr Mogul Delta	58	+133	-1	0	66	+1275	-0.24	-0.01	+0.00	+30	+43	+58	+257	-14	-10	45	+252	104	101	101	107	103	69	100	103	108	92	100		
Alt	US	3134563644	Hendel Altaexpat	S-S-I Eraser P	Montross	54	+133	-16	0	61	+1236	-0.29	+0.01	+0.00	+23	+44	+56	+246	-18	-38	41	+296	99	103	104	105	105	106	65	103	104	109	95	104	
Alt	US	3134512303	T - Spruce Altamaster	Jedi	Miles	58	+133	-5	0	67	+1046	-0.21	-0.04	-0.01	+24	+32	+47	+196	-3	-14	46	+312	104	102	103	105	100	69	100	103	110	94	103		
Tot	NL	747281690	Dg R Nickson	Josuper	Numero Uno	70	+133	-4	0	78	+401	+0.24	+0.04	+0.00	+39	+18	+18	+161	-9	-4	61	+206	102	105	108	101	106	102	79	100	102	107	96	102	
Sem	CA	12571509	Claynook Miami	Ocd Commander	Silver	55	+132	-9	0	63	+1257	-0.06	-0.18	-0.00	+47	+26	+57	+222	+4	-34	40	+273	101	101	101	98	105	102	66	101	103	111	99	106	
STG	US	3132353099	St Gen D-Lambda Ashby	Delta-Lambda	Silver	60	+132	-9	0	67	+349	+0.43	+0.09	-0.01	+54	+20	+15	+200	+7	-13	46	+306	102	99	100	95	105	106	70	102	104	113	101	109	
Tot	NL	711611203	De Oosterhof Dg Halleuja	Doorsopen	Tango	58	+132	+0	0	67	+694	+0.06	-0.09	-0.01	+35	+16	+31	+148	+20	-7	46	+253	108	100	102	98	100	97	69	99	101	111	98	105	
Kam	NL	715916861	De Vrendt Brad P	Board	Snowman	62	+132	-4	0	69	+524	+0.04	+0.02	+0.10	+26	+20	+33	+147	+7	-40	58	+246	103	105	105	100	101	105	101	72	103	105	107	98	104
NL	592676526	Bo-River	Riverboy Rf	Beacon	72	+132	-1	0	79	+347	+0.79	+0.20	+0.03	+52	+5	+13	+125	-1	+23	65	+243	108	98	103	102	106	99	104	81	100	100	105	102	104	
Sam	NL	573341148	Rijnhof Dg Brian	Beat	Balisto	59	+131	+1	0	66	+1769	-0.24	-0.03	-0.01	+50	+58	+80	+367	+33	+3	47	+120	98	96	103	101	102	98	69	99					

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	Sti	Sti	Erfa	M	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	Bull	Her	MGS	Rel	NVI	+/-	dau	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T
Melkdoel Zwart					Productie														€					Functioneel					Exterieur					
CRV	US 3134408616	Peak Marine	Abel	Ransom	62	+126	-1/1	0	69	-322	+0.54	+0.25	+0.04	+32	+10	-11	+105	+5	-25	57	+312	103	105	105	102	104	94	101	72	101	102	102	101	102
Alt	US 3134408765	Peak Altbigfork	Montana	Supersire	55	+125	-4	0	63	+1163	+0.14	-0.09	+0.00	+63	+31	+53	+275	-1	-26	44	+269	102	101	103	103	104	104	67	100	103	104	92	98	
	NL 586898277	Koepon Altathor Pp	Answer Po	Style P	55	+124	-7	0	64	+680	+0.06	+0.08	+0.00	+35	+31	+31	+210	+42	+24	39	+225	99	104	105	99	102	65	98	100	105	94	99		
Sem	US 3014562256	Sandy-Valley Amerix	Modesty	Bomboro	58	+124	-8	0	66	+798	+0.07	+0.04	+0.00	+41	+24	+36	+195	-8	-10	45	+104	100	102	107	101	101	104	69	101	101	106	101	104	
Kam	NL 609557749	Kik Spiceman	Spell	Brawler	63	+124	-9	0	69	+6	+0.58	+0.20	-0.07	+52	+18	-6	+181	-9	+19	61	+95	103	103	100	101	99	102	97	72	96	100	110	99	104
Alt	US 3131664122	Peak Altarevis	Jett	Tango	55	+123	-7	0	63	+1868	-0.40	-0.17	+0.00	+36	+47	+85	+294	+8	+1	42	+68	102	101	104	101	107	96	65	99	101	103	92	97	
Tot	NL 520752955	S.J.K. Anton P P	Answer Po	Powerball P	65	+123	+25	0	73	+918	-0.21	-0.01	+0.01	+59	+31	+43	+263	+1/7	-4	57	+366	99	99	104	98	103	104	100	74	104	103	106	95	102
Sem	CA 12608997	Progenies Musketeer	Jett	Mr Mogul Delta	56	+123	-7/1	0	64	+796	+0.13	-0.07	+0.00	+46	+21	+36	+194	-3	+13	42	+170	101	103	104	102	108	104	67	99	101	111	94	103	
Tot	NL 653319047	Vekis Dg Tinder	Montana	Tango	57	+123	+24	0	67	+1268	-0.35	-0.25	-0.01	+18	+19	+57	+133	+10	-26	43	+243	104	104	103	97	100	104	68	101	104	108	98	104	
Alt	US 3131992939	Leaninghouse Altadexter	Altasuperstar	Kingboy	57	+122	+0	0	65	+597	+0.11	+0.03	+0.00	+36	+24	+27	+182	+1	-48	45	+141	105	102	105	96	101	102	69	103	101	110	96	104	
Tot	UK 7266527006	Bb Shield	Monterey	Supersire	60	+122	-20	0	68	+1160	-0.26	-0.12	-0.01	+23	+28	+52	+179	-1/1	-43	48	+368	101	101	106	98	106	104	70	101	103	109	98	104	
Alt	DE 0666657294	Sph Altgarcia	Supershot	Número Uno	61	+122	-7	0	69	+1111	-0.28	-0.09	-0.01	+19	+30	+50	+178	+8	-43	50	+449	102	103	100	101	104	100	69	106	106	104	97	103	
Alt	US 3134408638	Peak Altaexacto	Extreme	Tango	59	+122	-2	0	67	+712	+0.05	-0.06	-0.01	+35	+19	+32	+161	+1/5	-23	46	+345	102	103	101	100	99	70	103	104	107	98	104		
Alt	US 3138817733	Welcome Altamaradona	Modesty	Supershot	57	+122	-7/1	0	66	+613	-0.08	-0.05	-0.01	+18	+17	+27	+116	-7	-26	45	+323	103	101	103	102	103	68	95	98	110	100	104		
Sem	CA 12532130	Westcoast Safran	Jett	Supershot	55	+121	-1/2	0	62	+2180	-0.51	-0.32	-0.01	+36	+41	+99	+273	-1	-13	43	+256	102	99	103	106	102	67	102	102	104	94	100		
STG	US 3130383801	Tramilda Misso Solo	Missouri	Headliner	64	+121	+5	0	74	+1558	-0.29	-0.23	+0.00	+36	+30	+71	+220	-1/1	+30	52	+272	103	97	103	103	102	75	93	98	106	98	100		
	NL 649286472	Dg Elvis	Montross		64	+121	-9	0	73	+1522	-0.19	-0.31	+0.00	+45	+21	+69	+201	-1	+25	49	+315	99	104	103	104	104	105	73	98	102	105	93	99	
DE	0539196329	Barcelona P	Battlecry	Revival P	62	+121	+1/2	0	72	+433	+0.20	+0.03	-0.01	+37	+18	+19	+157	+30	-6	49	+298	105	100	99	98	99	72	101	101	108	100	105		
LIV	US 3131992851	Leaninghouse Jedi 22107	Jedi	Jacey	58	+121	-4	0	66	+1178	-0.46	-0.13	-0.01	+4	+28	+53	+139	-2/2	-16	47	+371	103	104	103	98	106	101	70	100	102	111	93	102	
Alt	US 3132671467	Lambrecht Altaatani	Silver	Supersire	61	+120	-3	0	69	+1437	-0.21	-0.20	-0.01	+39	+29	+65	+220	-9	-25	50	+214	99	102	103	98	104	103	72	105	103	106	99	105	
AWE	BE 456153928	Powerpoll Et De Roccafarm	Powerball P	Mogul	66	+120	-2	0	69	+338	+0.30	+0.09	+0.06	+42	+20	+21	+177	-1/6	-12	58	+89	101	104	104	98	102	99	72	99	103	107	98	103	
Alt	US 3136838544	S-S-1 Berryridge Altblast	Modesty	Kingboy	57	+119	-20	0	65	+1269	+0.05	-0.11	-0.01	+59	+33	+57	+276	-1/3	+26	45	+107	99	99	104	101	104	69	96	100	107	96	100		
ABS	US 3129340879	Welcome Lotto	Jedi	S-S-1 Mogul Mul	59	+119	-1/5	0	67	+1049	-0.03	+0.03	-0.01	+42	+39	+47	+262	-1/0	-14	45	+191	101	101	99	100	105	99	70	100	103	108	94	102	
Sam	US 3135087150	Mr Blondin Powerful P	Supersire	P	60	+119	-1/6	0	68	+846	-0.16	-0.03	-0.01	+20	+27	+38	+164	-1/7	-2	48	+373	101	103	104	102	104	91	71	96	100	106	95	99	
NL	943461722	Koning Altashockwave	Modesty	Supersire	59	+119	-1/3	0	68	+983	-0.30	-0.16	-0.01	+12	+18	+44	+112	-1/0	+18	46	+277	100	105	104	96	104	104	69	96	99	107	99	102	
Kam	NL 590773027	Big Keizer	Spell	Shogun Ps	68	+119	-9	0	69	+641	-0.21	-0.06	-0.01	+7	+17	+28	+93	+1/4	-11	63	+372	106	101	101	100	97	97	102	82	93	101	107	100	102
Sem	US 3135766689	Melary Fuel	Duke	Kingboy	58	+118	-7	0	66	+1713	+0.03	-0.12	+0.00	+76	+47	+78	+376	+7	-57	44	+197	99	96	99	95	103	101	69	106	102	108	95	104	
Kam	NL 580721340	Poppe Red Hot Armani	Board	Snow Rf	62	+118	-1/5	0	69	+399	+0.39	+0.17	+0.02	+53	+30	+20	+240	+4	-28	58	+240	103	99	99	102	101	102	100	72	104	104	102	100	103
CRV	NL 606567303	Haafs Cashier	Danno	Snowviewr Cd	67	+118	-20	0	70	+594	+0.08	-0.08	+0.05	+33	+13	+32	+132	-1/0	-5	61	+127	103	99	104	101	100	96	100	81	101	103	111	106	110
GGI	DE 0359235142	Lestrup	Louis	Suran	63	+118	-7	0	68	+656	-0.15	-0.01	+0.01	+14	+22	+31	+129	+1/0	-33	54	+379	100	102	101	104	101	102	103	71	101	102	106	103	105
Tot	NL 876060421	Koning Rambo	Silver	Supersire	70	+118	-4	0	79	+424	+0.06	-0.12	+0.00	+24	+4	+19	+73	+1/2	-33	61	+415	101	105	104	99	105	104	79	102	103	111	100	107	
Alt	US 3142181462	Peak Altamocon	Modesty	Rubicon	59	+117	-4	0	68	+606	+0.36	+0.03	-0.01	+60	+24	+27	+233	+8	+10	46	+167	98	101	105	101	103	70	98	102	103	99	101		
OBS	DE 0359210704	Holo PP	Hologram-P	Eraser P	63	+117	-3	0	68	+1157	-0.11	-0.08	+0.10	+38	+32	+63	+230	-2	-40	54	+318	98	101	104	95	101	107	101	70	102	103	105	98	103
STG	US 3130010540	De-Su Muse McIntock	Muscadet	Supersire	58	+117	-1/1	0	66	+983	-0.15	-0.04	-0.01	+27	+30	+44	+193	-1/8	+1	47	+280	98	102	104	99	106	107	69	100	102	108	98	103	
STG	US 3137942562	Farnear Midsty No Can Do	Modesty	Josuper	58	+117	-1/9	0	66	+614	+0.12	-0.01	+0.00	+37	+20	+28	+168	-2	+6	45	+134	98	104	105	104	107	69	98	101	109	99	104		
Kam	NL 669633054	Aalshorst Multiplayer	Silver	Jenudo	63	+116	+9	0	69	+876	+0.20	-0.02	+0.04	+57	+29	+44	+252	+1/9	-25	60	+152	100	99	97	99	104	104	99	72	106	104	105	104	107
Kam	NL 661169380	Monte Rosa	Jedi	Mecutchen	64	+116	-27	0	69	+647	+0.08	+0.07	+0.07	+35	+29	+36	+203	+3	-61	58	+396	102	101	103</										

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

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

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

Perspublicatie stierindexen Zwartbont genomisch zonder dochters

April 2020

Ki	Stiernummer	Stiernaam	Erf-fa	Vader	M-vader	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-fa	Sire	MGS	Rel	NVI	+/-	lvd	Rel	kgM	%F	%P	%L	kgF	kgP	KgL	INET	+/-	SFCM	Rel	Lon	Udh	Fer	Cal	DCE	Temj	MS	CLW	Rel	F	DS	U	F&L	T				
Melkdoel Zwart						Productie														Functioneel														Exterieur					
	CZ 053745754	Ostrein Ulsan		Main Event	Supersire	58	+108	-2	0	67	+804	+0.03	-0.08	-0.01	+37	+20	+36	+171	-7	-39	46	+174	100	105				103			68	104	105	101	99	102			
OBS	DE 0359270967	Jetson		Jetset	Brekem	67	+108	-10	0	69	+273	-0.06	+0.24	+0.04	+6	+31	+16	+145	+1	-47	59	+370	101	98				100	101	101	107	98	103	72	104	103	111	103	109
WWS	US 3136246981	Holyland Simplicity-P	RF PO	Modesty	Pine-Tree Relie	62	+108	-7	0	70	+801	+0.00	-0.14	-0.01	+34	+14	+36	+140	-1	+16	49	+213	101	100				106	98	99	102	72	98	100	109	100	104		
Mas	US 3131003460	Jazz		Modesty	Kingpin	62	+108	-20	0	69	+541	-0.06	-0.05	+0.11	+17	+14	+35	+104	-33	-57	57	+253	104	103				107	100	103	104	98	72	104	106	110	99	107	
Sam	CA 12111806	Mapel Wood Silverback		Silver	Supersire	60	+107	-22	0	69	+487	+0.05	-0.03	+0.00	+25	+14	+22	+117	-1	+45	50	+215	101	103	104						65	94	99	107	97	100			
CRV	NL 622692582	Visstein K&I Pablo		Placid	Big Point	65	+106	-14	0	69	+479	+0.37	+0.11	-0.03	+55	+27	+19	+232	+9	-31	58	+203	100	98				104	98	100	100	102	72	104	101	102	100	102	
Kam	NL 724915581	Willem's-Hoeve Nudan		Penley	Sudan	64	+106	+2	0	69	+1541	-0.42	-0.15	-0.01	+22	+38	+69	+223	-4	-15	59	+296	105	98				93	97	102	103	98	72	106	104	106	98	105	
Sam	CA 12470245	Lindenright History		Doberman	Capital Gain	60	+106	-15	0	68	+1187	-0.36	-0.14	+0.00	+14	+27	+54	+156	-1	-28	47	+243	106	99				99	99		102	102	73	102	103	114	96	106	
Tot	NL 734692276	Koepon Villi		Doorsopen	Tango	58	+106	+2	0	67	+341	+0.22	+0.03	-0.01	+35	+15	+15	+140	+17	-14	45	+216	106	99				103	98	103	98		68	99	101	107	99	103	
Mas	US 3129038032	Powerman P Et	PO	Powerball P	Supersire	62	+106	-36	0	69	+442	-0.19	-0.01	+0.08	+1	+14	+28	+68	-12	-31	58	+366	105	103				107	101	100	95	100	72	99	103	109	96	103	
Gex	US 3137794564	Hgherransom Samsung		Modesty	Belair	57	+105	-25	0	65	-131	+0.74	+0.19	+0.01	+59	+12	-5	+172	-12	+43	44	+188	99	102				102		102	103		67	93	98	106	97	99	
Sem	CA 109890165	Swissbec Whisk P	PO	Jedi	Mardi Gras	63	+104	+1	0	72	+1256	-0.34	-0.20	+0.00	+19	+24	+57	+155	+3	-40	49	+264	101	104				101	101	104	103		74	102	105	113	93	105	
Sem	IT 1799178651	Cilly Silvio		Willsbro Abbott	Dooman	55	+104	+4	0	63	-279	+0.57	+0.11	+0.01	+37	+0	-12	+74	-4	-16	41	+358	103	101				103	102	101	99		67	100	101	115	99	108	
CRV	CZ 774646053	Sloupnice Zinar		Silver	Rocky	28	+103	+1	0	52	+1134	+0.13	-0.08	-0.01	+61	+31	+51	+271	+17	-23																			
Mas	US 3137164748	Emperor	RF	Jedi	Day	62	+103	-29	0	69	+1306	-0.37	-0.15	+0.06	+18	+30	+66	+181	-2	-23	58	+299	102	100				102	95	104	104	99	72	99	103	111	95	103	
Viv	DE 0359270959	Beethoven		Bellrabi	Balisto	61	+102	-31	0	71	+391	+0.20	+0.17	-0.01	+35	+29	+17	+198	+4	-25	47	+281	100	99				99	99	96	100	103		72	103	102	110	99	106
Sam	US 3137916770	Ocd Kings Reserve		Modesty	Kingboy	58	+102	-4	0	66	+136	+0.28	+0.07	+0.00	+31	+11	+6	+112	+9	+1	45	+214	101	101				106	102	101	104		69	98	101	108	101	104	
Adv	NL 895144845	Willie Rolex		Rubicon	Snowman	66	+101	+1	0	69	+835	-0.05	-0.06	-0.02	+31	+23	+36	+170	+9	-25	59	+199	101	99				103	97	103	99	101	72	105	104	107	101	106	
Alt	US 3136264642	Ocd Altaswag		Modesty	Bacon-Hill O Mo	58	+101	-9	0	66	+628	+0.20	-0.08	-0.01	+46	+14	+28	+162	+0	-9	44	+50	97	103				107	99	102	105		68	98	100	107	100	103	
Kam	NL 739114744	Batenburg Texel		Guard	Bertil	63	+101	+2	0	69	+833	-0.28	+0.02	+0.01	+8	+31	+39	+156	-2	-8	59	+148	101	101				98	96	98	102	99	72	98	103	105	104	105	
	DE 0666765997	Santano		Slate	Supersire	61	+101	-13	0	70	+579	-0.12	-0.03	+0.00	+13	+17	+26	+105	-6	-40	48	+489	104	99				102	97			72	100	104	105	101	104		
STG	CA 108644977	Lesperron Stronger	RF	Monterey	Numero Uno	60	+101	-14	0	68	+497	+0.13	-0.17	-0.01	+33	+1	+22	+80	-15	+4	49	+294	101	102				104		104	105		72	96	101	113	99	105	
Sem	US 3014562173	Sandy-Valley Anakin		Jedi	Pure	58	+100	-17	0	66	+1453	-0.27	-0.12	+0.00	+34	+38	+66	+247	-14	-45	46	+124	101	101				101	94	106	101		70	102	104	110	92	102	
CRV	US 3133887391	No-Fla Ashton-Et		Lemuel	Supersire	60	+100	+2	0	68	+464	+0.41	+0.06	+0.02	+58	+22	+23	+219	-9	-27	54	+165	101	103				106	105	103	101	98	69	99	102	105	91	98	
Alt	US 3138817681	Welcome Altatopshelf		Modesty	Supershot	58	+100	-3	0	66	+364	+0.15	-0.03	-0.01	+29	+10	+16	+107	-5	+16	45	+149	100	104				105	100	104	103		68	98	101	108	98	103	