

Inet = 3,0\*kg vet + 4,3\*kg eiwit

NVImelkdoel = 0,32\*Inet+0,07\*lvd+5,5\*UGH+6,5\*VRU+2,0\*Uier+2,5\*Beenwerk+2,0\*GEB+3,0\*KGH+0,23\*BVK

NVIdubbeldoel = 0,285\*Inet+0,09\*lvd+5,7\*UGH+5,5\*VRU+5,5\*Uier+5,5Beenwerk+2,0\*GEB+5,0\*VLI

## Perspublicatie stierindexen Zwartbont

| Ki                  | Stiernummer | Stiernaam | Erf-fact | Vader | M-vader | tschaj B | N | Bt | NVI | +/- | dtrs                        | Bt         | kgM            | %V            | %E  | kgV | kgE  | INET | +/-  | BVKM | Bt   | Lvd   | Ugh         | Vru   | Gin   | Gab  | KA   | MS   | Kgh  | Bt   | F     | T    | U         |     |     |     |     |     |     |     |     |     |     |
|---------------------|-------------|-----------|----------|-------|---------|----------|---|----|-----|-----|-----------------------------|------------|----------------|---------------|-----|-----|------|------|------|------|------|-------|-------------|-------|-------|------|------|------|------|------|-------|------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ai                  | Bull number | Bull name | Her-fact | Sire  | MGS     | kinshij  | S | N  | Rel | NVI | +/-                         | daus       | Rel            | kg M          | %F  | %P  | kg F | kg P | INET | +/-  | SFCM | Rel   | Lon         | Udh   | Fer   | Cal  | DCE  | Tem  | MS   | CLW  | Rel   | F    | DS        | U   |     |     |     |     |     |     |     |     |     |
| Melkdoel Zwart      |             |           |          |       |         |          |   |    |     |     | pnt                         | Productie  |                |               |     |     |      |      |      |      |      | €     | Functioneel |       |       |      |      |      |      |      |       |      | Exterieur |     |     |     |     |     |     |     |     |     |     |
| WWS US 3216213973   |             |           |          |       |         |          |   |    |     |     | Badger Ssi Ahead Jaffa      | Ahead      | A-S-Cannon Fr. | 16            | Nat | Ng  | 75   | +358 | -    | 75   | 82   | +1276 | +0,43       | +0,28 | +102  | +75  | +629 | +212 | +10  | 78   | +846  | 107  | 105       | 100 | 92  | 100 | 95  | 105 | 87  | 102 | 104 | 106 |     |
| Alt US 3215425541   |             |           |          |       |         |          |   |    |     |     | Peak Altazemini             | Altazazzle | Altalawson     | 16            | Nat |     | 75   | +321 | +50  | 60   | 83   | +1341 | +0,42       | +0,16 | +104  | +65  | +592 | +72  | +25  | 78   | +566  | 106  | 106       | 105 | 103 | 103 | 110 | 105 | 79  | 103 | 101 | 102 |     |
| GGI DE 0123451708   |             |           |          |       |         |          |   |    |     |     | Kax Gladius                 | Gazebo     | Superhero      | 15            | Gna |     | 82   | +320 | +9   | 103  | 90   | +2745 | -0,21       | -0,06 | +92   | +90  | +663 | -24  | +153 | 82   | +506  | 105  | 98        | 101 | 94  | 102 | 97  | 106 | 92  | 98  | 101 | 105 |     |
| Ves IT 033990585217 |             |           |          |       |         |          |   |    |     |     | All Nure Wendat             | Einstein   | Padawan        | 16            | Gna |     | 79   | +313 | +35  | 103  | 86   | +1976 | -0,15       | +0,05 | +68   | +76  | +531 | +62  | +66  | 80   | +637  | 103  | 104       | 105 | 105 | 100 | 95  | 105 | 89  | 104 | 103 | 108 |     |
| Gex US 3212150557   |             |           |          |       |         |          |   |    |     |     | Peak Breaking News          | Altazazzle | Altalawson     | 16            | Nat |     | 71   | +309 | -4   | 41   | 79   | +712  | +0,19       | +0,12 | +50   | +37  | +309 | -5   | +96  | 74   | +1005 | 108  | 109       | 107 | 102 | 103 | 106 | 104 | 74  | 92  | 96  | 106 |     |
| Tot DE 0362052128   |             |           |          |       |         |          |   |    |     |     | Sunrise                     | Superfly   | Rio            | 15            | Gna |     | 73   | +304 | +8   | 23   | 81   | +3277 | -0,32       | -0,30 | +100  | +77  | +631 | +42  | +94  | 78   | +783  | 105  | 99        | 102 | 99  | 99  | 104 | 102 | 86  | 96  | 102 | 106 |     |
| Alt US 3213001126   |             |           |          |       |         |          |   |    |     |     | Peak Altazingler Et         | Altazazzle | Altarobert     | 16            | Gna |     | 81   | +303 | +19  | 114  | 88   | +857  | +0,14       | +0,03 | +51   | +33  | +295 | +51  | +41  | 81   | +1018 | 108  | 112       | 105 | 103 | 103 | 102 | 106 | 90  | 98  | 99  | 100 |     |
| CRV NL 671125486    |             |           |          |       |         |          |   |    |     |     | Delta Reloader              | Finder     | G-Force        | 16            | Nat |     | 95   | +296 | +11  | 522  | 99   | +1347 | -0,17       | -0,18 | +39   | +28  | +237 | +4   | +166 | 94   | +701  | 110  | 105       | 107 | 103 | 102 | 97  | 106 | 99  | 96  | 98  | 103 |     |
| STG US 3147118734   |             |           |          |       |         |          |   |    |     |     | Genosource Captain          | Charl      | Farnear Tango  | 15            | Nat |     | 80   | +289 | -30  | 78   | 89   | +1970 | +0,27       | +0,00 | +116  | +69  | +645 | -19  | +149 | 80   | +457  | 95   | 101       | 103 | 102 | 97  | 109 | 111 | 91  | 93  | 92  | 104 |     |
| CRV US 3215425396   |             |           |          |       |         |          |   |    |     |     | Peak Fugleman               | MW         | Altazazzle     | Positive      | 16  | Gna |      | 79   | +287 | -4   | 73   | 86    | +933        | +0,63 | +0,31 | +106 | +65  | +598 | +21  | +73  | 81    | +529 | 102       | 102 | 99  | 100 | 106 | 106 | 104 | 92  | 96  | 101 | 110 |
| ABS US 3204326975   |             |           |          |       |         |          |   |    |     |     | Wet Acura Maximus-Et        | RF         | Acura          | Matters       | 16  | Nat |      | 84   | +287 | -23  | 376  | 91    | +1394       | +0,42 | +0,01 | +106 | +50  | +533 | -51  | +90  | 82    | +690 | 103       | 106 | 102 | 99  | 102 | 98  | 100 | 91  | 100 | 99  | 99  |
| CRV NL 678449129    |             |           |          |       |         |          |   |    |     |     | Delta Eloy                  | RF         | Jacuzzi        | Finder        | 16  | Gna |      | 97   | +284 | +14  | 9020 | 99    | +707        | +0,40 | +0,09 | +72  | +34  | +362 | +6   | +38  | 95    | +426 | 106       | 106 | 105 | 101 | 100 | 91  | 104 | 99  | 104 | 105 | 104 |
| Gex US 3205436197   |             |           |          |       |         |          |   |    |     |     | Peak Playback               |            | I Pursuit      | Reason        | 16  | Nat |      | 78   | +284 | +9   | 102  | 87    | +1121       | +0,40 | +0,00 | +53  | +39  | +327 | +10  | +68  | 79    | +865 | 107       | 108 | 106 | 98  | 103 | 101 | 97  | 77  | 98  | 99  | 105 |
| Sem CA 13442793     |             |           |          |       |         |          |   |    |     |     | Westcoast Rocksongs         |            | Blizzard       | Alcove        | 16  | Nat |      | 72   | +283 | +3   | 43   | 81    | +1169       | +0,05 | -0,01 | +56  | +40  | +340 | +12  | -33  | 74    | +904 | 105       | 107 | 105 | 100 | 107 | 93  | 107 | 83  | 103 | 104 | 110 |
| ABS US 3210133228   |             |           |          |       |         |          |   |    |     |     | Denovo 16719 August         |            | Acura          | Yoda          | 16  | Nat |      | 72   | +281 | +34  | 80   | 83    | +877        | +0,28 | +0,02 | +67  | +33  | +343 | -15  | +18  | 77    | +912 | 104       | 111 | 104 | 96  | 105 | 99  | 77  | 77  | 104 | 102 | 106 |
| ABS US 3218350992   |             |           |          |       |         |          |   |    |     |     | Bomaz Rimrock               | RF         | Rubels-Red     | Salvatore Rc  | 16  | Nat |      | 78   | +277 | +4   | 58   | 85    | +1538       | -0,21 | -0,20 | +43  | +32  | +267 | -19  | +9   | 80    | +945 | 106       | 108 | 99  | 97  | 99  | 99  | 108 | 82  | 104 | 105 | 108 |
| CRV NL 965020507    |             |           |          |       |         |          |   |    |     |     | Willem's-Hoeve Woody        |            | Ranger         | Jetset        | 18  | Gna | 2n   | 97   | +276 | +9   | 4563 | 99    | +2185       | -0,08 | -0,01 | +85  | +76  | +582 | +22  | +135 | 95    | +409 | 106       | 92  | 100 | 100 | 98  | 97  | 106 | 99  | 104 | 104 | 108 |
| CRV NL 734970583    |             |           |          |       |         |          |   |    |     |     | Delta Dolmen                |            | Topstone       | Relevant      | 16  | Gna |      | 86   | +274 | -20  | 540  | 91    | +1528       | +0,25 | +0,19 | +94  | +75  | +605 | -5   | +52  | 85    | +451 | 103       | 97  | 106 | 99  | 96  | 104 | 104 | 96  | 101 | 104 | 99  |
| STG US 3200059526   |             |           |          |       |         |          |   |    |     |     | Genosource Johnboy          |            | Redrock        | Dynamo        | 16  | Nat |      | 79   | +272 | +10  | 114  | 87    | +1563       | +0,14 | +0,10 | +83  | +66  | +533 | +38  | +19  | 79    | +876 | 103       | 100 | 104 | 99  | 98  | 97  | 102 | 88  | 104 | 103 | 109 |
| Syn DE 0361838685   |             |           |          |       |         |          |   |    |     |     | Rioaveso                    |            | Rio            | Bandaes       | 15  | Gna |      | 91   | +271 | -13  | 759  | 96    | +1233       | -0,03 | -0,04 | +50  | +39  | +318 | -25  | +28  | 87    | +662 | 107       | 106 | 106 | 98  | 98  | 98  | 107 | 99  | 100 | 105 | 104 |
| Alt US 3200824505   |             |           |          |       |         |          |   |    |     |     | Peak Altaplinko             |            | Marius         | Altatopshot   | 16  | Nat |      | 75   | +268 | -22  | 29   | 86    | +1201       | +0,53 | +0,27 | +109 | +71  | +632 | -33  | +133 | 79    | +256 | 101       | 104 | 103 | 105 | 101 | 96  | 90  | 91  | 92  | 96  |     |
| WWS US 3212874275   |             |           |          |       |         |          |   |    |     |     | Cookiecutter Harrisenna     |            | Maximus        | Reason        | 15  | Nat |      | 74   | +268 | +32  | 96   | 82    | +1150       | +0,33 | +0,10 | +85  | +51  | +474 | +116 | +5   | 76    | +710 | 104       | 102 | 105 | 101 | 103 | 94  | 103 | 82  | 100 | 101 | 108 |
| WWS US 3208357105   |             |           |          |       |         |          |   |    |     |     | Siemers Twn Parsly 32480-Et |            | End-Road Deai  | Delta-Lambda  | 16  | Nat |      | 88   | +267 | +34  | 551  | 92    | +1845       | +0,01 | +0,02 | +81  | +67  | +531 | +53  | +16  | 83    | +528 | 103       | 102 | 104 | 98  | 104 | 92  | 104 | 96  | 103 | 106 | 106 |
| Dek FR 8562700803   |             |           |          |       |         |          |   |    |     |     | Fief Du Manoir Rewood Man   |            | Yearwood       | Lighthouse    | 16  | Gna | Gn   | 77   | +266 | +15  | 78   | 84    | +881        | +0,15 | +0,13 | +54  | +45  | +356 | +25  | +84  | 80    | +636 | 104       | 106 | 102 | 98  | 97  | 96  | 101 | 88  | 101 | 102 | 109 |
| Tot US 3209481407   |             |           |          |       |         |          |   |    |     |     | Sandy-Valley Lovoo          |            | Renegade       | Fabulous      | 16  | Gna |      | 79   | +265 | +38  | 96   | 86    | +1942       | +0,18 | +0,00 | +104 | +68  | +604 | +72  | +50  | 81    | +265 | 102       | 103 | 101 | 100 | 97  | 92  | 99  | 90  | 103 | 106 | 106 |
| CRV NL 590972910    |             |           |          |       |         |          |   |    |     |     | Delta Lucardi               |            | Yes            | Trust         | 15  | Gna |      | 90   | +264 | +5   | 1353 | 93    | +301        | +0,85 | +0,31 | +97  | +41  | +467 | +34  | +48  | 87    | +139 | 103       | 100 | 101 | 102 | 100 | 98  | 111 | 99  | 104 | 102 | 110 |
| Sem CA 13353753     |             |           |          |       |         |          |   |    |     |     | Progenesis Pinball          | MW         | Challenger     | Imax          | 17  | Nat |      | 75   | +260 | -9   | 50   | 86    | +1654       | +0,06 | -0,23 | +78  | +32  | +372 | +0   | +42  | 79    | +484 | 106       | 106 | 105 | 100 | 100 | 95  | 88  | 101 | 104 | 110 |     |
| CRV DE 0667512345   |             |           |          |       |         |          |   |    |     |     | Rzh Havertz                 | RF         | Altaothand     | Rubi-Asp      | 16  | Gna |      | 79   | +259 | -6   | 33   | 86    | +2182       | -0,14 | -0,14 | +78  | +60  | +492 | -16  | +96  | 81    | +345 | 105       | 99  | 106 | 102 | 95  | 97  | 104 | 90  | 100 | 101 | 100 |
| Sem CA 111074181    |             |           |          |       |         |          |   |    |     |     | Progenesis Moliere          |            | Topnotch       | Eugenio       | 16  | Nat | 2n   | 82   | +258 | +4   | 51   | 87    | +1659       | -0,15 | -0,01 | +55  | +57  | +410 | -13  | +27  | 78    | +549 | 107       | 104 | 105 | 102 | 103 | 98  | 100 | 87  | 99  | 100 | 109 |
| WWS US 3206144957   |             |           |          |       |         |          |   |    |     |     | Blumenfeld Renegad Ahead    |            | Renegade       | Myles         | 15  | Nat |      | 80   | +258 | +31  | 187  | 87    | +261        | +0,61 | +0,18 | +71  | +27  | +329 | +5   | -40  | 79    | +676 | 107       | 107 | 105 | 98  | 101 | 94  | 105 | 89  | 105 | 106 | 104 |
| WWS US 3211715893   |             |           |          |       |         |          |   |    |     |     | S-S-I Msu Challngir Orbit   |            | Challenger     | Medley        | 17  | Nat |      | 73   | +257 | -10  | 39   | 81    | +1255       | -0,06 | -0,24 | +48  | +18  | +221 | -86  | +34  | 76    | +750 | 105       | 109 | 105 | 102 | 99  | 103 | 105 | 86  | 101 | 103 | 106 |
| ABS US 3217591007   |             |           |          |       |         |          |   |    |     |     | Denovo 3409 Callen-Et       |            | Crimson        | Matters       | 16  | Nat |      | 84   | +255 | -13  | 457  | 91    | +1048       | +0,55 | +0,09 | +103 | +46  | +507 | +40  | -10  | 82    | +801 | 109       | 102 | 104 | 98  | 101 | 96  | 93  | 77  | 100 | 102 | 102 |
| CRV NL 572943695    |             |           |          |       |         |          |   |    |     |     | Delta Bliss                 |            | Blessing       | Relevant      | 16  | Gna |      | 87   | +253 | -3   | 836  | 91    | +1113       | -0,12 | +0,18 | +35  | +59  | +359 | +17  | +105 | 86    | +489 | 100       | 105 | 106 | 105 | 97  | 107 | 108 | 97  | 102 | 100 | 98  |
| CRV NL 632215609    |             |           |          |       |         |          |   |    |     |     | Delta Perfect               |            | Woody          | Jafin         | 17  | Gna |      | 91   | +252 | +6   | 4311 | 93    | +587        | +0,33 | +0,25 | +59  | +46  | +375 | -2   | +53  | 89    | +401 | 105       | 99  | 104 | 100 | 105 | 96  | 110 | 99  | 104 | 104 | 104 |
| ABS US 3143060701   |             |           |          |       |         |          |   |    |     |     | Denovo 2800 Prince          |            | Yoda           | Woodcrest Moc | 16  | Nat | 2n   | 80   | +250 | -1   | 64   | 88    | -33         | +1,00 | +0,27 | +94  | +25  | +390 | -4   | +29  | 81    | +480 | 105       | 107 | 103 | 99  | 99  | 101 | 99  | 87  | 100 | 102 | 103 |
| ABS US 3217590901   |             |           |          |       |         |          |   |    |     |     | Denovo 3303 Citizen Et      |            | Crosby         | Spectre       | 16  | Nat |      | 79   | +249 | -12  | 147  | 88    | +826        | +0,54 | +0,02 | +92  | +31  | +409 | -44  | +17  | 78    | +538 | 104       | 107 | 106 | 103 | 103 | 105 | 100 | 79  | 101 | 102 | 101 |
| CRV NL 542034572    |             |           |          |       |         |          |   |    |     |     | Delta Fast Lane             |            | Remington      | Lustrum       | 16  | Gna |      | 89   | +248 | +1   | 3346 | 91    | +381        | +0,36 | +0,14 | +52  | +27  | +272 | -22  | +57  | 87    | +570 | 101       |     |     |     |     |     |     |     |     |     |     |

Inet = 3,0\*kg vet + 4,3\*kg eiwit

NVImelkdoel = 0,32\*Inet+0,07\*lvd+5,5\*UGH+6,5\*VRU+2,0\*Uier+2,5\*Beenwerk+2,0\*GEB+3,0\*KGH+0,23\*BVK  
NVIdubbeldoel = 0,285\*Inet+0,09\*lvd+5,7\*UGH+5,5\*VRU+5,5\*Uier+5,5Beenwerk+2,0\*GEB+5,0\*VLI

## Perspublicatie stierindexen Zwartbont

| Ki             | Stiernummer | Stiernaam                      | Er-fact  | Vader                   | M-vader        | tschaj B        | N   | Bt  | NVI  | +/-  | dtrs      | Bt   | kgM   | %V    | %E    | kgV   | kgE   | INET | +/-  | BVK  | Bt   | Lvd         | Ugh  | Vru  | Gin | Gab | KA  | MS  | Kgh | Bt  | F   | T         | U   |     |     |
|----------------|-------------|--------------------------------|----------|-------------------------|----------------|-----------------|-----|-----|------|------|-----------|------|-------|-------|-------|-------|-------|------|------|------|------|-------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|
| Ai             | Bull number | Bull name                      | Her-fact | Sire                    | MGS            | Kinshij         | S   | N   | Rel  | NVI  | +/-       | daus | Rel   | kgM   | %F    | %P    | kgF   | kgP  | INET | +/-  | SFCM | Rel         | Lon  | Udh  | Fer | Cal | DCE | Tem | MS  | CLW | Rel | F         | DS  | U   |     |
| Melkdoel Zwart |             |                                |          |                         |                |                 |     |     |      | pnt  | Productie |      |       |       |       |       |       |      |      |      | €    | Functioneel |      |      |     |     |     |     |     |     |     | Exterieur |     |     |     |
| WWS            | US          | 3212874445                     |          | Cookiecutter Hypnotic   | Fly-Higher Moo | Renegade        | 16  | Nat | 77   | +232 | +81       |      | 141   | 84    | +1506 | -0,31 | -0,13 | +31  | +39  | +261 | +136 | +14         | 78   | +987 | 102 | 105 | 104 | 100 | 97  | 105 | 103 | 89        | 100 | 102 | 108 |
| Syn            | DE          | 0361951631                     |          | Hadi                    | Altahothand    | Gymnast         | 15  | Gna | 82   | +231 | +19       |      | 59    | 89    | +2220 | -0,40 | -0,26 | +48  | +48  | +350 | +43  | +64         | 82   | +460 | 106 | 100 | 106 | 99  | 100 | 104 | 104 | 91        | 100 | 101 | 104 |
| Alt            | US          | 3215425521                     |          | Peak Altaalanzo Et      | Altazazzle     | Progenesis Gui  | 16  | Gna | 84   | +230 | -11       |      | 366   | 90    | +514  | +0,77 | +0,29 | +100 | +47  | +502 | +11  | +37         | 83   | +145 | 97  | 106 | 105 | 101 | 102 | 119 | 107 | 92        | 93  | 100 | 106 |
| Syn            | NL          | 715952290                      |          | Topstone                | Altatopshot    | Rubicon         | 16  | Gna | 91   | +230 | +12       |      | 348   | 97    | +1686 | -0,20 | -0,06 | +50  | +53  | +378 | -2   | +13         | 89   | +509 | 103 | 103 | 104 | 100 | 93  | 99  | 106 | 95        | 104 | 106 | 103 |
| CRV            | NL          | 667323913                      | RF       | Newhouse Jayvano        | Esperanto      | Penley          | 16  | Gna | 2n   | 95   | +230      | +4   | 809   | 99    | +965  | -0,17 | +0,11 | +24  | +46  | +270 | +18  | +100        | 93   | +273 | 105 | 108 | 105 | 102 | 96  | 102 | 101 | 99        | 93  | 93  | 103 |
| Alt            | US          | 3200824169                     |          | Peak Altaflashback      | Positive       | Altarobson      | 16  | Nat | 90   | +229 | -11       |      | 475   | 96    | +671  | +0,34 | +0,24 | +64  | +48  | +398 | +1   | -40         | 86   | +509 | 104 | 106 | 102 | 96  | 96  | 98  | 104 | 93        | 99  | 104 | 108 |
| GGI            | DE          | 1273500181                     | PP       | Rbb Sinan PP            | Simon P        | Bomaz Ruw My    | 16  | Gna | 76   | +228 | +20       |      | 26    | 84    | +2029 | -0,16 | -0,09 | +69  | +61  | +469 | +55  | +51         | 79   | +479 | 107 | 98  | 98  | 101 | 97  | 99  | 106 | 89        | 99  | 102 | 103 |
| CRV            | NL          | 589817592                      | MW       | Lowlands Believer       | Lunar          | Altatopshot     | 15  | Gna | 91   | +228 | -7        |      | 979   | 95    | +1258 | +0,17 | +0,10 | +72  | +55  | +453 | +15  | +87         | 88   | +392 | 98  | 100 | 104 | 103 | 101 | 99  | 109 | 99        | 100 | 103 | 107 |
| ABS            | US          | 3141494296                     |          | Abs Crimson             | Spectre        | Rubicon         | 16  | Nat | 91   | +227 | -11       |      | 308   | 97    | +1421 | +0,32 | -0,01 | +96  | +49  | +499 | +6   | +42         | 89   | +593 | 106 | 102 | 102 | 101 | 102 | 101 | 92  | 94        | 103 | 102 | 99  |
| Syn            | US          | 3213001132                     |          | Peak Rainow             | Altazazzle     | Altaexplosion   | 16  | Gna | 77   | +227 | -18       |      | 42    | 85    | +702  | +0,79 | +0,07 | +111 | +32  | +471 | -32  | +16         | 80   | +276 | 100 | 105 | 105 | 102 | 101 | 105 | 106 | 89        | 94  | 100 | 104 |
| Alt            | US          | 3215425949                     |          | Peak Altafuturama       | Altazazzle     | Cascade         | 16  | Nat | 69   | +227 | +31       |      | 42    | 79    | +137  | +0,96 | +0,35 | +99  | +39  | +465 | +56  | -3          | 54   | +368 | 101 | 106 | 103 | 98  | 101 | 107 | 103 | 76        | 100 | 100 | 103 |
| CRV            | NL          | 729539557                      |          | Weelder Empire          | Bravo          | G-Force         | 16  | Gna | 98   | +227 | -6        |      | 11586 | 99    | +57   | +0,31 | +0,16 | +32  | +17  | +169 | +0   | +120        | 99   | +420 | 109 | 104 | 106 | 108 | 96  | 91  | 106 | 99        | 92  | 89  | 99  |
| CRV            | BE          | 413723696                      |          | Barnkamper Majestic     | Simba          | Montross        | 16  | Gna | 2n   | 96   | +227      | -4   | 1093  | 99    | +952  | -0,34 | -0,13 | +5   | +20  | +101 | -4   | +159        | 94   | +777 | 105 | 107 | 104 | 104 | 101 | 100 | 109 | 99        | 90  | 86  | 103 |
| WWS            | US          | 3148279820                     |          | Twin-Ridge Revelation   | Solution       | Jedi            | 16  | Nat | 87   | +226 | +0        |      | 258   | 94    | +1580 | -0,15 | -0,17 | +51  | +37  | +312 | +3   | +56         | 84   | +820 | 107 | 101 | 103 | 101 | 103 | 100 | 102 | 92        | 100 | 100 | 107 |
| BE             | 018941097   | Offspring-Et V/h Zomerbloemhof |          | Skywalker               | Cyrano         |                 | Gna | 81  | +225 | -9   |           | 31   | 88    | +1560 | +0,10 | +0,05 | +78   | +61  | +496 | -6   | +82  | 82          | +323 | 94   | 102 | 103 | 103 | 99  | 101 | 102 | 108 | 91        | 98  | 101 | 105 |
| ABS            | UK          | 95644450286                    | PO       | Sbg Mecca P             | Monument-P     | Bacon-Hill Hurr | 16  | Nat | 77   | +225 | -1        |      | 125   | 85    | +953  | +0,60 | +0,08 | +104 | +42  | +493 | -38  | +28         | 79   | +320 | 103 | 103 | 101 | 97  | 105 | 105 | 101 | 83        | 104 | 103 | 106 |
| WWS            | US          | 3150997179                     |          | Fly-Higher Mellencamp   | Renegade       | Ocd Spring Sar  | 16  | Nat | 89   | +225 | -2        |      | 557   | 95    | +1313 | -0,05 | +0,06 | +51  | +53  | +381 | +1   | +8          | 85   | +395 | 96  | 109 | 107 | 100 | 104 | 103 | 102 | 95        | 103 | 106 | 106 |
| Alt            | US          | 3209641634                     |          | Peak Altaquilliver-Et   | I Pursuit      | Fabulous        | 17  | Nat | 81   | +225 | -12       |      | 169   | 89    | +1043 | +0,24 | +0,00 | +70  | +37  | +369 | +7   | +20         | 80   | +531 | 107 | 104 | 104 | 100 | 103 | 98  | 98  | 102       | 102 | 103 |     |
| Alt            | US          | 3131664037                     |          | Peak Altadeop           | Hotshot        | Montross        | 15  | Gna | 88   | +225 | -2        |      | 82    | 94    | +200  | +0,19 | -0,13 | +27  | -6   | +55  | -15  | +72         | 87   | +699 | 115 | 109 | 102 | 100 | 93  | 93  | 103 | 91        | 95  | 97  | 99  |
| Alt            | US          | 739534444                      |          | Bomaz Altatopshot       | Supershot      | Altaembassy     | 16  | Nat | 94   | +224 | +3        |      | 646   | 99    | +1165 | +0,12 | +0,09 | +63  | +51  | +408 | -3   | +30         | 94   | +219 | 103 | 105 | 107 | 100 | 104 | 96  | 109 | 97        | 102 | 105 | 98  |
| Alt            | US          | 3200824445                     |          | Peak Altazazzle         | Marius         | Altatopshot     | 16  | Gna | 88   | +224 | -3        |      | 146   | 94    | +422  | +0,61 | +0,18 | +79  | +33  | +379 | +12  | +22         | 85   | +458 | 101 | 105 | 103 | 101 | 103 | 110 | 106 | 94        | 94  | 98  | 107 |
| GGI            | NL          | 571815689                      |          | Koepon Marpon           | Martin         | Bandares        | 16  | Gna | 91   | +224 | +26       |      | 1050  | 95    | +648  | +0,31 | +0,08 | +60  | +31  | +313 | +55  | +76         | 87   | +306 | 105 | 101 | 103 | 101 | 101 | 100 | 104 | 99        | 102 | 107 | 110 |
| CRV            | NL          | 710287748                      |          | Delta Founder           | Nobel          | Jupiler         | 14  | Gna | 92   | +224 | -3        |      | 549   | 97    | +1370 | -0,47 | -0,08 | +7   | +40  | +193 | -5   | +29         | 89   | +506 | 106 | 107 | 102 | 100 | 100 | 98  | 107 | 99        | 103 | 104 | 101 |
| CRV            | NL          | 946221484                      |          | Delta Treasure          | Finder         | G-Force         | 16  | Gna | 98   | +224 | +3        |      | 3211  | 99    | +293  | -0,04 | -0,06 | +9   | +4   | +44  | -3   | +67         | 99   | +511 | 111 | 110 | 106 | 105 | 104 | 99  | 99  | 99        | 92  | 97  | 107 |
| Alt            | NL          | 685695366                      |          | Peak Altazarek-Et       | Altatopshot    | Rubicon         | 16  | Nat | 93   | +223 | -1        |      | 729   | 98    | +1514 | +0,09 | -0,03 | +75  | +50  | +440 | +19  | +117        | 91   | +446 | 100 | 101 | 99  | 103 | 104 | 102 | 106 | 94        | 91  | 96  | 107 |
| WWS            | US          | 3145229924                     |          | Peak Chilton            | Altarobson     | Supershot       | 16  | Nat | 91   | +223 | +3        |      | 245   | 97    | +1059 | -0,12 | +0,22 | +33  | +61  | +361 | +22  | +17         | 88   | +511 | 100 | 109 | 102 | 98  | 104 | 102 | 101 | 94        | 102 | 100 | 100 |
| CRV            | NL          | 577410163                      | PO RF    | Delta Warren P          | Warmond P Rf   | Nobel           | 13  | Gna | 82   | +223 | -41       |      | 162   | 88    | +1192 | -0,10 | +0,10 | +40  | +53  | +348 | -114 | +90         | 82   | +200 | 103 | 104 | 101 | 100 | 96  | 96  | 110 | 93        | 99  | 99  | 101 |
| Alt            | US          | 3147224052                     |          | Peak Altaeap            | Quantum        | Altaspring      | 17  | Nat | 87   | +223 | -7        |      | 194   | 94    | +468  | +0,13 | +0,25 | +33  | +42  | +280 | -33  | +47         | 81   | +350 | 109 | 106 | 104 | 100 | 102 | 93  | 104 | 89        | 96  | 99  | 106 |
| CRV            | NL          | 726314324                      |          | Delta Therapy           | Lawrence       | Nobel           | 14  | Gna | 83   | +223 | +10       |      | 346   | 88    | +653  | -0,08 | +0,13 | +20  | +36  | +215 | +7   | +55         | 83   | +418 | 104 | 105 | 104 | 103 | 99  | 96  | 111 | 94        | 105 | 104 | 106 |
| Sem            | US          | 3212874372                     |          | Cookiecutter Holysmokes | Aot Highjump E | Renegade        | 16  | Gna | 77   | +221 | -11       |      | 67    | 84    | +1585 | +0,04 | +0,01 | +73  | +57  | +464 | -40  | +68         | 78   | +403 | 104 | 99  | 106 | 99  | 98  | 91  | 99  | 89        | 101 | 103 | 106 |
| Sem            | CA          | 13227486                       |          | Progenesis Pragmatic    | Fabulous       | S-S-I Eraser P  | 16  | Nat | 77   | +221 | -17       |      | 86    | 88    | +2014 | -0,25 | -0,22 | +58  | +46  | +372 | -37  | -2          | 79   | +681 | 103 | 106 | 103 | 96  | 99  | 96  | 88  | 105       | 103 | 103 |     |
| Alt            | US          | 3205436453                     |          | Peak Altaravana         | G-Deruyter Alt | Jedi            | 16  | Nat | 79   | +220 | +48       |      | 99    | 90    | +1149 | +0,01 | +0,05 | +50  | +46  | +348 | +73  | +29         | 76   | +546 | 109 | 103 | 106 | 101 | 101 | 96  | 101 | 72        | 100 | 99  | 101 |
| Alt            | US          | 3140986351                     |          | Peak Altahothand        | Hotline        | Montross        | 16  | Nat | 92   | +219 | -5        |      | 413   | 98    | +1578 | -0,18 | -0,05 | +48  | +50  | +359 | +1   | +59         | 91   | +332 | 109 | 100 | 105 | 102 | 98  | 100 | 101 | 93        | 97  | 100 | 105 |
| Alt            | US          | 3142181416                     |          | Peak Altaabba           | Blowtorch      | Rubicon         | 16  | Nat | 91   | +219 | +4        |      | 307   | 97    | +1454 | +0,02 | -0,20 | +65  | +29  | +320 | -4   | +12         | 88   | +392 | 104 | 108 | 105 | 99  | 102 | 100 | 99  | 92        | 102 | 104 | 104 |
| Alt            | US          | 3215425484                     |          | Peak Altaginaes Et      | Altazazzle     | Positive        | 16  | Gna | 86   | +218 | -8        |      | 738   | 91    | +1212 | +0,14 | +0,06 | +67  | +49  | +412 | -19  | -3          | 84   | +487 | 100 | 105 | 101 | 101 | 105 | 110 | 104 | 93        | 101 | 103 | 108 |
| Syn            | US          | 3215425510                     |          | Peak Rover              | Altazazzle     | Positive        | 16  | Gna | 77   | +218 | +9        |      | 36    | 84    | +635  | +0,65 | +0,02 | +94  | +24  | +385 | +23  | -9          | 80   | +386 | 96  | 106 | 106 | 103 | 99  | 11  |     |           |     |     |     |

Inet = 3,0\*kg vet + 4,3\*kg eiwit

NVImelkdoel = 0,32\*Inet+0,07\*lvd+5,5\*UGH+6,5\*VRU+2,0\*Uier+2,5\*Beenwerk+2,0\*GEB+3,0\*KGH+0,23\*BVK

NVIdubbeldoel = 0,285\*Inet+0,09\*lvd+5,7\*UGH+5,5\*VRU+5,5\*Uier+5,5Beenwerk+2,0\*GEB+5,0\*VLI

Perspublicatie stierindexen Zwartbont

| Ki             | Stiernummer    | Stiernaam                | Erf-fact | Vader           | M-vader         | tschaj B | N   | Bt  | NVI | +/-  | dtrs | Bt        | kgM | %F    | %E    | kgV   | kgE  | INET | +/-  | BVK  | Bt   | Lvd | Ugh         | Vru | Gin | Geb | KA  | MS  | Kgh | Bt  | F  | T   | U         |     |  |  |
|----------------|----------------|--------------------------|----------|-----------------|-----------------|----------|-----|-----|-----|------|------|-----------|-----|-------|-------|-------|------|------|------|------|------|-----|-------------|-----|-----|-----|-----|-----|-----|-----|----|-----|-----------|-----|--|--|
| Ai             | Bull number    | Bull name                | Her-fact | Sire            | MGS             | Ginshij  | S   | Rel | NVI | +/-  | daus | Rel       | kgM | %F    | %P    | kgF   | kgP  | INET | +/-  | SFCM | Rel  | Lon | Udh         | Fer | Cal | DCE | Tem | MS  | CLW | Rel | F  | DS  | U         |     |  |  |
| Melkdoel Zwart |                |                          |          |                 |                 |          |     |     |     |      | pnt  | Productie |     |       |       |       |      |      |      |      |      | €   | Functioneel |     |     |     |     |     |     |     |    |     | Exterieur |     |  |  |
| Alt            | CA 13024756    | Progenesis Altapledge    |          | Guarantee       | Jedi            | 15       | Nat | 2n  | 87  | +208 | +7   | 141       | 94  | +899  | +0,08 | +0,16 | +47  | +48  | +347 | +5   | +45  | 82  | +510        | 102 | 107 | 106 | 101 | 103 | 102 | 100 | 83 | 98  | 98        | 101 |  |  |
| GGI            | NL 597646670   | K&I Gn Boudy             |          | Gymnast         | Rubicon         | 16       | Gna |     | 91  | +208 | +1   | 415       | 97  | +647  | +0,05 | +0,10 | +33  | +33  | +241 | +19  | +40  | 89  | +546        | 107 | 104 | 104 | 95  | 98  | 93  | 99  | 94 | 98  | 98        | 101 |  |  |
| ABS            | US 3205704112  | Bomaz Episode            |          | Entitty         | Altarobson      | 16       | Nat |     | 72  | +207 | +9   | 54        | 84  | -163  | +1,06 | +0,42 | +93  | +34  | +425 | +18  | +23  | 72  | +284        | 102 | 106 | 102 | 98  | 102 | 98  |     | 81 | 99  | 101       | 101 |  |  |
| ABS            | US 3201125133  | Richmond-Fd Sw Allegany  |          | Acura           | Yoda            | 16       | Nat |     | 72  | +207 | +4   | 43        | 81  | +1286 | -0,01 | -0,02 | +54  | +43  | +347 | -3   | +74  | 76  | +661        | 101 | 104 | 105 | 98  | 104 | 108 | 97  | 76 | 95  | 97        | 100 |  |  |
| CRV            | NL 589401100   | Delta Yeti               | RF       | Endurance       | Silver          | 16       | Gna |     | 96  | +207 | +2   | 1466      | 99  | +841  | +0,19 | +0,06 | +56  | +36  | +323 | +0   | -36  | 94  | +392        | 104 | 105 | 104 | 101 | 105 | 100 | 104 | 99 | 102 | 105       | 101 |  |  |
| WWS            | US 3142352969  | S-S-I Pr Frazld Firebird |          | Frazzled        | Marty           | 16       | Nat |     | 93  | +206 | +13  | 530       | 98  | +734  | -0,20 | -0,04 | +11  | +22  | +128 | +5   | -71  | 92  | +668        | 114 | 109 | 106 | 97  | 100 | 91  | 102 | 96 | 105 | 103       | 98  |  |  |
| Sem            | CA 13442778    | Westcoast Retrolook      |          | Maestro         | Alcove          | 16       | Nat |     | 84  | +205 | -1   | 385       | 90  | +846  | +0,36 | +0,24 | +74  | +55  | +459 | +6   | -23  | 82  | +630        | 100 | 103 | 103 | 99  | 106 | 104 | 103 | 94 | 106 | 106       | 100 |  |  |
| Tot            | US 3200824958  | Peak Austad              |          | Positive        | Denver          | 16       | Nat |     | 75  | +205 | +7   | 25        | 83  | +644  | +0,61 | +0,18 | +90  | +41  | +446 | +23  | +81  | 78  | +272        | 104 | 100 | 102 | 102 | 101 | 95  | 104 | 79 | 98  | 100       | 101 |  |  |
| Tot            | DE 0540362468  | Calvin                   |          | Casino          | Finder          | 17       | Gna |     | 87  | +205 | +4   | 176       | 94  | +1724 | -0,10 | -0,08 | +63  | +52  | +413 | +11  | +66  | 85  | +481        | 99  | 103 | 102 | 106 | 98  | 105 | 101 | 94 | 98  | 98        | 100 |  |  |
| Ves            | DE 0540974596  | Zfz Crisalis             | RF       | Gywer Rdc       | Salvatore Rc    | 16       | Nat |     | 78  | +205 | -6   | 32        | 86  | +1266 | -0,04 | +0,05 | +50  | +50  | +365 | -12  | -2   | 80  | +109        | 104 | 106 | 104 | 102 | 100 | 97  | 100 | 88 | 96  | 103       | 110 |  |  |
| Ves            | NL 682613163   | Koepon Rusnak            |          | Kenobi          | Altatopshot     | 16       | Nat |     | 73  | +205 | -7   | 72        | 84  | +1337 | -0,18 | +0,07 | +38  | +55  | +351 | -14  | +50  | 73  | +538        | 104 | 101 | 104 | 104 | 101 | 95  | 108 | 67 | 95  | 100       | 103 |  |  |
| Kam            | NL 935516829   | Florius                  |          | Floris          | Esperanto       | 16       | Gna |     | 84  | +205 | -34  | 182       | 90  | +117  | +0,76 | +0,14 | +79  | +18  | +314 | -24  | +54  | 84  | +135        | 104 | 103 | 104 | 109 | 99  | 100 | 106 | 92 | 99  | 100       | 100 |  |  |
| CRV            | NL 685976393   | Delta Frontline          |          | Topgear         | Missouri        | 13       | Gna |     | 93  | +205 | +5   | 334       | 98  | +1690 | -0,50 | -0,14 | +16  | +44  | +237 | -3   | +45  | 93  | +399        | 108 | 100 | 105 | 99  | 96  | 97  | 107 | 97 | 100 | 103       | 103 |  |  |
| Ves            | NL 670518870   | Batenburg Ginstream      |          | Topgear         | Guard           | 13       | Nat |     | 91  | +205 | -41  | 537       | 97  | +1049 | -0,44 | -0,02 | -2   | +35  | +145 | -33  | -5   | 89  | +652        | 111 | 99  | 103 | 95  | 96  | 97  | 110 | 94 | 105 | 104       | 102 |  |  |
| CRV            | NL 688518408   | Delta Starliner          |          | Wirdum          | Mustang         | 17       | Gna |     | 85  | +205 | -27  | 191       | 91  | +346  | +0,03 | +0,05 | +18  | +17  | +127 | -31  | +25  | 85  | +551        | 105 | 104 | 106 | 105 | 103 | 93  | 109 | 95 | 97  | 104       | 104 |  |  |
| Sem            | CA 13318778    | Westcoast Lambeau        |          | I Pursuit       | King Doc        | 16       | Nat |     | 84  | +204 | +0   | 230       | 91  | +601  | +0,56 | +0,20 | +83  | +42  | +430 | +35  | -25  | 82  | +250        | 103 | 106 | 105 | 98  | 104 | 100 | 97  | 92 | 98  | 104       | 108 |  |  |
| STG            | US 3132198333  | Mr Rubicon Dynamo        |          | Rubicon         | Roylane Socra   | 16       | Nat |     | 87  | +204 | +7   | 63        | 92  | +1769 | -0,19 | -0,20 | +54  | +40  | +334 | +0   | +48  | 85  | +849        | 105 | 99  | 103 | 99  | 101 | 98  | 98  | 90 | 102 | 105       | 104 |  |  |
| Alt            | US 3210590092  | Co-Op Altabooyah-Et      |          | Peak Altamr-Et  | Imax            | 16       | Nat |     | 71  | +204 | -15  | 92        | 83  | +659  | +0,29 | +0,09 | +58  | +32  | +312 | +10  | -15  | 70  | +898        | 105 | 101 | 103 | 99  | 102 | 101 |     | 82 | 102 | 105       | 106 |  |  |
| OBS            | DE 0360208954  | Felix                    | RF       | S-S-I 1stclas F | Montross        | 15       | Gna |     | 90  | +204 | +23  | 201       | 95  | +953  | -0,06 | -0,05 | +35  | +28  | +225 | +1   | +56  | 86  | +285        | 102 | 108 | 105 | 102 | 102 | 101 | 105 | 92 | 101 | 101       | 108 |  |  |
| CRV            | NL 605074718   | Delta Endless            |          | Jacuzzi         | Finder          | 16       | Gna |     | 95  | +203 | -9   | 9284      | 97  | +799  | +0,71 | +0,16 | +108 | +45  | +518 | -13  | +65  | 91  | -84         | 102 | 97  | 107 | 100 | 104 | 101 | 103 | 99 | 104 | 102       | 98  |  |  |
| CRV            | US 3215568846  | Terra-Calroy Zuri        |          | Altazazzle      | Tahiti          | 16       | Gna |     | 79  | +203 | +20  | 85        | 86  | +551  | +0,79 | +0,19 | +104 | +39  | +480 | -28  | +38  | 80  | +152        | 101 | 104 | 104 | 102 | 106 | 110 | 98  | 91 | 100 | 102       | 106 |  |  |
| GGI            | DE 1406051280  | Sha Foreman              |          | Freemax         | Rubicon         | 17       | Gna |     | 81  | +203 | +25  | 117       | 89  | +1525 | -0,09 | +0,03 | +56  | +57  | +413 | +43  | +97  | 82  | +321        | 97  | 101 | 104 | 105 | 101 | 107 | 104 | 93 | 99  | 102       | 108 |  |  |
| Gex            | US 3200824355  | Peak Fiction             |          | Fabulous        | Altatopshot     | 16       | Nat |     | 78  | +203 | +15  | 111       | 88  | +1482 | -0,15 | -0,04 | +47  | +48  | +347 | +23  | +29  | 76  | +294        | 105 | 103 | 101 | 98  | 100 | 94  | 105 | 82 | 99  | 101       | 104 |  |  |
| Tot            | DE 0361346205  | Kelvin                   |          | Keith           | Superhero       | 16       | Gna |     | 77  | +203 | -12  | 39        | 85  | +245  | +0,46 | +0,28 | +56  | +36  | +323 | -35  | +34  | 81  | +303        | 105 | 104 | 101 | 96  | 101 | 100 | 101 | 87 | 102 | 101       | 106 |  |  |
| CRV            | NL 679048004   | Delta Happy P            | PO RF    | Nectar P        | Esperanto       | 14       | Gna | Gn  | 82  | +203 | +53  | 198       | 88  | +259  | +0,51 | +0,11 | +61  | +20  | +269 | +79  | +64  | 83  | +564        | 101 | 101 | 102 | 105 | 104 | 104 | 110 | 92 | 101 | 102       | 102 |  |  |
| CRV            | NL 565113832   | Velder Starmaker         |          | Adorable        | Mobile          | 15       | Gna |     | 95  | +203 | -2   | 1033      | 99  | -878  | +0,65 | +0,38 | +19  | +2   | +66  | +0   | -1   | 93  | +465        | 108 | 108 | 106 | 97  | 106 | 98  | 108 | 99 | 104 | 105       | 104 |  |  |
| GGI            | DK 03372308934 | Carenzo                  |          | Vh Crown        | S-S-I 1stclas F | 16       | Gna |     | 77  | +202 | +12  | 21        | 85  | +1273 | -0,15 | -0,07 | +38  | +37  | +273 | +23  | +49  | 80  | +443        | 106 | 104 | 103 | 98  | 103 | 99  | 98  | 87 | 98  | 101       | 109 |  |  |
| Sem            | CA 12609015    | Progenesis Fabulous      |          | Jett            | Kingboy         | 16       | Nat |     | 83  | +202 | +3   | 62        | 91  | +1832 | -0,53 | -0,26 | +18  | +35  | +205 | +8   | +16  | 82  | +699        | 111 | 101 | 103 | 100 | 100 | 92  | 103 | 88 | 98  | 101       | 111 |  |  |
| LIV            | US 3140986110  | Leaninghouse Lgdry Maxim |          | Legendary       | Jacey           | 15       | Nat |     | 74  | +202 | -1   | 43        | 85  | +1375 | -0,43 | -0,18 | +12  | +29  | +161 | +29  | -2   | 73  | +505        | 108 | 108 | 102 | 100 | 105 | 93  | 105 | 73 | 101 | 103       | 103 |  |  |
| OBS            | DE 0541057559  | Metro                    |          | Merryguy        | Supreme         | 15       | Gna |     | 79  | +201 | +13  | 57        | 87  | +1317 | +0,28 | -0,02 | +87  | +44  | +450 | +1   | +53  | 80  | +141        | 107 | 100 | 103 | 97  | 103 | 97  | 99  | 88 | 102 | 100       | 98  |  |  |
| Tot            | US 3209481288  | Sandy-Valley Eq-Et       |          | Renegade        | Frazzled        | 16       | Gna |     | 84  | +201 | +15  | 317       | 89  | +1428 | +0,10 | -0,03 | +72  | +47  | +418 | -10  | +34  | 83  | +217        | 101 | 105 | 105 | 97  | 102 | 100 | 95  | 93 | 103 | 104       | 108 |  |  |
| Sem            | US 3150452154  | Fairmont Ridgeline       |          | Topnotch        | Mr Mogul Delta  | 15       | Nat | 2n  | 77  | +201 | -14  | 43        | 84  | +1645 | -0,20 | -0,11 | +48  | +46  | +342 | -11  | +44  | 74  | +367        | 104 | 104 | 103 | 97  | 103 | 95  |     | 88 | 93  | 100       | 111 |  |  |
| Sem            | CA 13353639    | Progenesis Metallica     |          | Altaexplosion   | Guarantee       | 16       | Int |     | 76  | +200 | +32  | 33        | 91  | +307  | +0,49 | +0,31 | +62  | +41  | +362 | +46  | +15  | 71  | +392        | 102 | 105 | 104 | 97  | 104 | 95  | 102 | 88 | 100 | 102       | 104 |  |  |
| CRV            | NL 574933977   | Delta Wake Up            |          | Floris          | Don             | 16       | Gna |     | 94  | +200 | -13  | 4633      | 96  | -155  | +0,75 | +0,37 | +64  | +29  | +317 | +23  | +113 | 90  | +299        | 102 | 99  | 103 | 104 | 103 | 106 | 107 | 99 | 103 | 100       | 105 |  |  |
| GGI            | NL 571815449   | Koepon Camden Rdc        | RF       | Solitary P      | Imax            | 16       | Gna |     | 84  | +200 | +21  | 170       | 91  | +665  | +0,16 | +0,13 | +45  | +37  | +294 | +39  | +113 | 83  | +297        | 107 | 101 | 104 | 105 | 104 | 101 | 108 | 92 | 97  | 99        | 104 |  |  |
| Syn            | DE 0123860591  | Sh Gialiner              |          | Gigabyte        | Cameron         | 16       | Gna |     | 79  | +199 | -6   | 87        | 87  | +2046 | -0,19 | -0,14 | +66  | +56  | +439 | +6   | +73  | 81  | +182        | 101 | 101 | 106 | 98  | 99  | 100 | 97  | 90 | 97  | 100       | 108 |  |  |
| WWS            | US 3206205325  | W-R-L Ssi Renegad Remedy |          | Renegade        | Slamdunk        | 15       | Nat |     | 81  | +199 | -1   | 194       | 88  | +1351 | +0,15 | -0,01 | +74  | +47  | +424 | +18  | -39  |     |             |     |     |     |     |     |     |     |    |     |           |     |  |  |

Inet = 3,0\*kg vet + 4,3\*kg eiwit

NVImelkdoel = 0,32\*Inet+0,07\*lvd+5,5\*UGH+6,5\*VRU+2,0\*Uier+2,5\*Beenwerk+2,0\*GEB+3,0\*KGH+0,23\*BVK  
NVIdubbeldoel = 0,285\*Inet+0,09\*lvd+5,7\*UGH+5,5\*VRU+5,5\*Uier+5,5Beenwerk+2,0\*GEB+5,0\*VLI

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| Ki             |    | Stiernummer  | Stiernaam                | Erf-fact | Vader           | M-vader        | tschaj B | N  | Bt  | NVI | +/-       | dtrs | Bt   | kgM | %F    | %E    | kgV   | kgE  | INET | +/-  | BVK  | Bt   | Lvd         | Ugh  | Vru | Gin | Geb | KA  | MS  | Kgh | Bt  | F   | T         | U   |       |  |
|----------------|----|--------------|--------------------------|----------|-----------------|----------------|----------|----|-----|-----|-----------|------|------|-----|-------|-------|-------|------|------|------|------|------|-------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-------|--|
| Ai             |    | Bull number  | Bull name                | Her-fact | Sire            | MGS            | cinshij  | S  | N   | Rel | NVI       | +/-  | daus | Rel | kgM   | %F    | %P    | kgF  | kgP  | INET | +/-  | SFCM | Rel         | Lon  | Udh | Fer | Cal | DCE | Tem | MS  | CLW | Rel | F         | DS  | U     |  |
| Melkdoel Zwart |    |              |                          |          |                 |                |          |    |     | pnt | Productie |      |      |     |       |       |       |      |      |      | €    | €    | Functioneel |      |     |     |     |     |     |     |     |     | Exterieur |     |       |  |
| Bov            | US | 3224437469   | Kings-Ransom Dynasty     |          | Parfect         | Legacy         |          | 16 | Nat | 72  | +194      | +19  | 48   | 83  | +543  | +0,48 | -0,02 | +72  | +17  | +289 | +18  | -13  | 77          | +514 | 102 | 104 | 104 | 100 | 101 | 102 |     | 81  | 103       | 102 | 108   |  |
| CRV            | US | 3200824479   | Peak Shawarma            |          | Milktime        | Jedi           |          | 16 | Gna | 80  | +193      | +3   | 38   | 88  | +2478 | -0,40 | -0,19 | +59  | +65  | +457 | +5   | +16  | 81          | +303 | 104 | 103 | 101 | 99  | 98  | 98  | 101 | 89  | 100       | 102 | 99    |  |
| Sem            | CA | 13636769     | Westcoast Earlybird      |          | Einstein        | Renegade       |          | 16 | Nat | 70  | +193      | +31  | 36   | 83  | +621  | +0,46 | +0,21 | +74  | +43  | +407 | +111 | +52  | 56          | +148 | 100 | 103 | 105 | 100 | 96  | 99  |     | 83  | 100       | 101 | 108   |  |
| CRV            | NL | 932189349    | Delta Turnover           |          | Benello         | Paragon        |          | 15 | Gna | 95  | +193      | +5   | 770  | 99  | +969  | -0,04 | +0,01 | +37  | +35  | +262 | +2   | +102 | 94          | +646 | 104 | 99  | 104 | 100 | 101 | 101 | 105 | 97  | 97        | 95  | 101   |  |
| Gex            | US | 3149282288   | Mahr-Bross Scuttle Dandy |          | Pine-Tree Wild  | Mr Oak Delco 5 |          | 16 | Nat | 78  | +193      | -19  | 73   | 89  | +251  | +0,43 | +0,11 | +53  | +20  | +245 | -37  | +50  | 75          | +399 | 105 | 105 | 107 | 103 | 101 | 96  | 100 | 75  | 100       | 100 | 103   |  |
| Ves            | IT | 015990456139 | Bonetti S.S. Gaudi       |          | Perseus         | Rubicon        |          | 16 | Nat | 73  | +193      | +8   | 53   | 85  | -14   | +0,43 | +0,30 | +40  | +28  | +240 | -11  | +27  | 69          | +486 | 100 | 111 | 102 | 100 | 105 | 108 | 102 | 68  | 102       | 101 | 101   |  |
| Alt            | US | 3145230084   | Peak Altagrunge          |          | Hotline         | Altaspring     |          | 16 | Nat | 75  | +192      | +5   | 32   | 84  | +1786 | +0,14 | -0,12 | +93  | +49  | +490 | +14  | -14  | 76          | -4   | 107 | 100 | 106 | 99  | 98  | 100 | 97  | 75  | 103       | 104 | 105   |  |
| Sem            | CA | 13353688     | Progenesis Bennie        |          | Timberlake      | Altarobson     |          | 17 | Nat | 72  | +191      | +11  | 23   | 81  | +2297 | -0,22 | -0,07 | +73  | +73  | +533 | +29  | +26  | 76          | +324 | 101 | 98  | 103 | 100 | 100 | 96  | 101 | 87  | 99        | 101 | 105   |  |
| WWS            | US | 3211394853   | S-S-I Eisaku Payload     |          | Eisaku          | Matters        |          | 16 | Nat | 79  | +191      | -3   | 120  | 87  | +1365 | +0,15 | +0,05 | +75  | +54  | +457 | -5   | +76  | 79          | +354 | 95  | 103 | 103 | 97  | 103 | 105 | 100 | 89  | 99        | 101 | 105   |  |
| ABS            | US | 3204165493   | Denovo 16255 Heritage    |          | Rickland Hughes | Sandy-Valley E |          | 16 | Nat | 73  | +191      | +17  | 55   | 83  | +757  | +0,38 | +0,05 | +72  | +32  | +354 | +30  | +63  | 71          | +545 | 101 | 103 | 104 | 105 | 100 | 102 | 102 | 83  | 98        | 98  | 103   |  |
| Sem            | NL | 485391815    | Het Charleston           |          | Soundcloud      | Sound System   |          | 16 | Nat | 78  | +191      | -5   | 71   | 89  | +745  | +0,16 | +0,02 | +49  | +28  | +267 | -5   | +49  | 80          | +344 | 103 | 105 | 100 | 98  | 100 | 97  |     | 89  | 98        | 98  | 107   |  |
| Sem            | CA | 13353578     | Progenesis Mezzoforte    |          | Positive        | Guarantee      |          | 16 | Nat | 69  | +190      | -6   | 34   | 81  | +1563 | +0,09 | -0,11 | +77  | +43  | +416 | -23  | +38  | 72          | +469 | 101 | 102 | 103 | 103 | 104 | 105 |     | 85  | 99        | 103 | 103   |  |
| ABS            | US | 3204165479   | Denovo 16241 Chandler    |          | Crimson         | Achiever       |          | 16 | Nat | 81  | +190      | +11  | 235  | 92  | +75   | +0,84 | +0,18 | +84  | +20  | +338 | +25  | -13  | 81          | +325 | 102 | 108 | 102 | 99  | 105 | 112 |     | 83  | 107       | 101 | 100   |  |
| CRV            | NL | 661388310    | Delta New Star           |          | Deliver         | Inductor       |          | 14 | Gna | 90  | +190      | +10  | 510  | 95  | +1226 | -0,28 | +0,07 | +22  | +51  | +285 | +13  | +98  | 86          | +766 | 105 | 98  | 102 | 101 | 101 | 102 | 105 | 96  | 100       | 100 | 96    |  |
| CRV            | BE | 418630184    | Delta Lawrence           |          | Trust           | Barclay        |          | 15 | Gna | 93  | +190      | +0   | 541  | 97  | +812  | -0,13 | +0,09 | +21  | +38  | +226 | +16  | +126 | 90          | +402 | 102 | 102 | 104 | 103 | 101 | 104 | 107 | 97  | 97        | 96  | 105   |  |
| CRV            | NL | 614974395    | Delta Xander             |          | Floris          | Beatbox        |          | 16 | Gna | 92  | +189      | -8   | 1429 | 96  | +281  | +0,76 | +0,28 | +87  | +37  | +420 | +26  | +5   | 88          | +151 | 98  | 103 | 107 | 103 | 97  | 100 | 101 | 99  | 105       | 105 | 100   |  |
| Alt            | CA | 13483441     | Peak Altahopper          |          | Altacabot       | Achiever       |          | 16 | Nat | 80  | +189      | -19  | 125  | 88  | +168  | +0,70 | +0,28 | +75  | +33  | +367 | -2   | +29  | 80          | +270 | 100 | 103 | 106 | 99  | 103 | 99  | 107 | 85  | 101       | 101 | 104   |  |
| Alt            | US | 3215425363   | Peak Altacklash Et       |          | Fastball        | Positive       |          | 16 | Nat | 75  | +189      | -24  | 85   | 85  | +994  | +0,19 | +0,02 | +63  | +37  | +348 | -20  | +55  | 78          | +431 | 98  | 105 | 103 | 102 | 103 | 104 |     | 86  | 101       | 103 | 105   |  |
| Gex            | US | 3200824092   | Peak Dayne               |          | Milktime        | Altarobson     |          | 16 | Nat | 76  | +189      | +7   | 48   | 84  | +1267 | +0,01 | -0,04 | +56  | +40  | +340 | -13  | +21  | 76          | +763 | 102 | 102 | 104 | 100 | 101 | 102 | 101 | 84  | 103       | 104 | 101   |  |
| GGI            | NL | 540424120    | Willem's-Hoeve R Canum   | LR       | Chilton         | Adorable       |          | 16 | Gna | 81  | +189      | +20  | 83   | 88  | +1026 | +0,02 | +0,09 | +46  | +46  | +336 | +31  | +23  | 82          | +375 | 102 | 100 | 98  | 96  | 104 | 102 | 107 | 90  | 105       | 103 | 107   |  |
| CRV            | NL | 679731856    | Koepon Cashback          |          | Deliver         | Bandares       |          | 15 | Gna | 91  | +189      | +0   | 758  | 95  | +536  | +0,10 | +0,14 | +33  | +33  | +241 | +7   | +66  | 87          | +539 | 107 | 102 | 105 | 100 | 98  | 98  | 98  | 97  | 102       | 103 | 104   |  |
| WWS            | US | 3142352034   | Trent-Way-Js Ronald      | RF       | Salvatore Rc    | Silver         |          | 17 | Nat | 93  | +189      | -9   | 923  | 98  | +998  | -0,20 | -0,10 | +22  | +25  | +174 | -3   | +56  | 91          | +515 | 102 | 106 | 105 | 104 | 101 | 102 | 103 | 99  | 91        | 99  | 110   |  |
| Sem            | US | 3140616169   | Sandy-Valley Challenger  | MW       | Superhero       | Silver         |          | 17 | Nat | 87  | +188      | +0   | 85   | 92  | +686  | +0,22 | -0,10 | +52  | +14  | +216 | +20  | +51  | 84          | +144 | 104 | 107 | 105 | 97  | 99  | 101 | 104 | 91  | 96        | 101 | 110   |  |
| CRV            | NL | 632593598    | Delta Paddock PP         | PP       | Sunfit P        | Laurent P Rf   |          | 15 | Gna | 94  | +188      | +13  | 1711 | 98  | +533  | +0,18 | -0,01 | +41  | +18  | +200 | +12  | +47  | 91          | +299 | 105 | 100 | 102 | 103 | 101 | 99  | 112 | 99  | 98        | 98  | 101   |  |
| Sem            | CA | 12609140     | Progenesis Positive      |          | Duke            | Rubicon        |          | 16 | Nat | 85  | +187      | -6   | 36   | 92  | +1675 | +0,28 | -0,02 | +104 | +57  | +557 | -11  | +64  | 85          | +240 | 96  | 99  | 103 | 98  | 98  | 101 |     | 91  | 103       | 103 | 106   |  |
| Syn            | DE | 1269501853   | Huracan                  |          | Hagar           | Penley         |          | 15 | Gna | 80  | +187      | -22  | 72   | 89  | +1664 | -0,07 | +0,02 | +64  | +61  | +454 | -21  | +67  | 81          | +248 | 103 | 97  | 103 | 100 | 103 | 100 | 104 | 88  | 101       | 98  | 103   |  |
| ABS            | US | 3141494407   | Abs Zebedee              |          | Spectre         | Mr Mogul Delta |          | 16 | Nat | 90  | +187      | +0   | 263  | 97  | +871  | +0,42 | +0,07 | +81  | +38  | +406 | -14  | +38  | 88          | +231 | 102 | 103 | 101 | 99  | 104 | 100 | 100 | 92  | 103       | 102 | 105   |  |
| CRV            | NL | 598753212    | Lowlands Blessing        |          | Jethro          | Final          |          | 16 | Gna | 96  | +186      | +13  | 2809 | 99  | -154  | +0,27 | +0,27 | +19  | +20  | +143 | +9   | +80  | 94          | +376 | 105 | 103 | 105 | 105 | 101 | 94  | 109 | 99  | 101       | 101 | 102   |  |
| GGI            | DE | 1603891478   | German Boy               |          | Gymnast         | Silver         |          | 16 | Gna | 84  | +185      | -2   | 83   | 91  | +2340 | +0,03 | -0,18 | +104 | +61  | +574 | +20  | +49  | 85          | +31  | 95  | 97  | 103 | 98  | 99  | 105 | 103 | 91  | 101       | 105 | 110   |  |
| WWS            | US | 3202074756   | Regan-Danhof Capone-Et   |          | Renegade        | Modesty        |          | 15 | Nat | 81  | +185      | -20  | 23   | 83  | +1773 | -0,07 | +0,03 | +68  | +66  | +488 | -5   | +61  | 80          | +399 | 96  | 97  | 105 | 100 | 103 | 100 | 103 | 90  | 98        | 102 | 107   |  |
| Adv            | NL | 896170283    | Butron Cr Javine         | PO       | Builder P       | Jupiler        |          | 16 | Gna | 86  | +185      | +40  | 304  | 92  | +1201 | +0,07 | -0,10 | +59  | +32  | +315 | +40  | -51  | 86          | +118 | 107 | 103 | 103 | 105 | 97  | 92  | 108 | 94  | 101       | 106 | 101   |  |
| CRV            | NL | 673698942    | Delta Tornado            |          | Skywalker       | Esperanto      |          | 15 | Gna | 91  | +185      | -21  | 471  | 96  | +1340 | +0,35 | +0,07 | +19  | +55  | +294 | -32  | +8   | 87          | +474 | 98  | 102 | 105 | 101 | 99  | 102 | 109 | 97  | 101       | 99  | 106   |  |
| CRV            | NL | 8776711042   | Delta Domingo            |          | Blessing        | Vn Rozwell     |          | 14 | Gna | 83  | +185      | +49  | 402  | 88  | -117  | +0,29 | +0,17 | +22  | +12  | +118 | +30  | +84  | 83          | +390 | 103 | 106 | 103 | 104 | 105 | 101 | 107 | 93  | 102       | 98  | 99    |  |
| Alt            | US | 3205436611   | Peak Altapanteo          |          | I Pursuit       | Jedi           |          | 16 | Nat | 73  | +184      | +3   | 30   | 81  | +1732 | +0,00 | -0,04 | +74  | +57  | +467 | +32  | +51  | 74          | +398 | 100 | 100 | 105 | 101 | 101 | 107 | 101 | 83  | 100       | 97  | 96    |  |
| CRV            | NL | 865710894    | Midwolder Martin         |          | Adorable        | Penley         |          | 17 | Gna | 96  | +184      | -2   | 1831 | 99  | +1838 | -0,26 | -0,09 | +49  | +54  | +379 | +1   | +77  | 94          | +229 | 96  | 101 | 99  | 100 | 104 | 105 | 108 | 99  | 101       | 103 | 105   |  |
| Tot            | FR | 5344216790   | Neal                     |          | Dg Charley      | Mardi Gras     |          | 16 | Gna | 80  | +184      | -5   | 20   | 87  | +440  | -0,01 | +0,01 | +18  | +17  | +127 | +0   | +89  | 83          | +363 | 106 | 108 | 100 | 105 | 105 | 101 | 103 | 88  | 93        | 96  | 104</ |  |

Inet = 3,0\*kg vet + 4,3\*kg eiwit

NVImelkdoel = 0,32\*Inet+0,07\*lvd+5,5\*UGH+6,5\*VRU+2,0\*Uier+2,5\*Beenwerk+2,0\*GEB+3,0\*KGH+0,23\*BVK

NVIdubbeldoel = 0,285\*Inet+0,09\*lvd+5,7\*UGH+5,5\*VRU+5,5\*Uier+5,5Beenwerk+2,0\*GEB+5,0\*VLI

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| Ki             | Sti  | Sti         | Er-fact                  | Vader | M-vader         | tschaj B       | N  | Bt  | NVI | +/-  | dtrs      | Bt    | kgM | %V    | %E    | kgV   | kgE | INET | +/-  | BVK | Bt          | Lvd | Ugh  | Vru | Gin | Geb | KA  | MS  | Kgh | Bt  | F         | T   | U   |     |
|----------------|------|-------------|--------------------------|-------|-----------------|----------------|----|-----|-----|------|-----------|-------|-----|-------|-------|-------|-----|------|------|-----|-------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|
| Ai             | Bull | Bull        | Her-fact                 | Sire  | MGS             | Kinshij        | S  | N   | Rel | NVI  | +/-       | daus  | Rel | kgM   | %F    | %P    | kgF | kgP  | INET | +/- | SFCM        | Rel | Lon  | Udh | Fer | Cal | DCE | Tem | MS  | CLW | Rel       | F   | DS  | U   |
| Melkdoel Zwart |      |             |                          |       |                 |                |    |     |     |      | Productie |       |     |       |       |       |     |      |      |     | Functioneel |     |      |     |     |     |     |     |     |     | Exterieur |     |     |     |
| pnt            |      |             |                          |       |                 |                |    |     |     |      | €         |       |     |       |       |       |     |      |      |     | €           |     |      |     |     |     |     |     |     |     |           |     |     |     |
| Sam            | NL   | 611080884   | Big Macht                |       | Malki           | Brawler        | 12 | Nat | 87  | +173 | +12       | 416   | 93  | +636  | +0.23 | -0.10 | +51 | +12  | +205 | +14 | +14         | 85  | +740 | 108 | 96  | 104 | 101 | 96  | 94  | 112 | 93        | 99  | 100 | 94  |
| WWS            | US   | 3207410518  | S-S-I Bg Zarek Wilder    |       | Altazarek       | Achiever       | 16 | Nat | 67  | +172 | +8        | 25    | 78  | +1610 | +0.11 | -0.06 | +81 | +50  | +458 | +29 | +33         | 70  | +231 | 101 | 100 | 100 | 101 | 101 | 99  |     | 70        | 101 | 99  | 102 |
| CRV            | NL   | 675153102   | Delta Candyman P         | PO RF | Nectar P        | Rush Hour Cd   | 16 | Gna | 87  | +172 | +44       | 570   | 92  | -137  | +0.89 | +0.39 | +78 | +32  | +372 | +96 | -56         | 86  | +405 | 100 | 99  | 107 | 103 | 102 | 98  | 102 | 97        | 96  | 101 | 103 |
| Alt            | US   | 3138766709  | Aardema Altanixie        |       | Altarobson      | Woodcrest Moç  | 16 | Nat | 86  | +172 | -12       | 131   | 94  | -274  | +0.79 | +0.43 | +62 | +30  | +315 | -3  | -35         | 84  | +140 | 103 | 105 | 105 | 98  | 101 | 106 | 100 | 84        | 101 | 104 | 104 |
| Gex            | US   | 3205435891  | Peak Quincey             |       | Altarobert      | T-Gen-Ac Dixie | 15 | Nat | 83  | +172 | -30       | 227   | 92  | +353  | +0.20 | +0.24 | +35 | +36  | +260 | -47 | -63         | 79  | +644 | 102 | 106 | 102 | 96  | 102 | 97  | 102 | 86        | 101 | 104 | 99  |
| CRV            | BE   | 720581625   | Delta Japan              | RF    | Brentano        | Malcolm Rf     | 15 | Gna | 95  | +172 | +12       | 994   | 99  | +469  | +0.01 | +0.03 | +21 | +20  | +149 | +4  | +104        | 95  | +369 | 107 | 102 | 104 | 100 | 103 | 102 | 101 | 99        | 102 | 103 | 101 |
| Syn            | US   | 3143553039  | Superday                 |       | Superhero       | Rubicon        | 16 | Gna | 89  | +171 | +14       | 354   | 95  | +1395 | -0.03 | -0.01 | +57 | +48  | +377 | +6  | +53         | 86  | +214 | 103 | 99  | 97  | 97  | 93  | 94  | 104 | 92        | 100 | 102 | 105 |
| K&L            | DK   | 01054403121 | Vh Bosman Bahrain        |       | Vh Bosman       | Vh Service Ser | 14 | Gna | 95  | +171 | -8        | 1939  | 99  | +695  | +0.10 | +0.15 | +40 | +40  | +292 | -10 | +104        | 95  | +416 | 104 | 102 | 101 | 103 | 95  | 103 | 100 | 99        | 90  | 93  | 95  |
| Bov            | US   | 3140239417  | Matcrest Charley Chaplin |       | Dg Charley      | Mr Mogul Delta | 17 | Nat | 71  | +171 | -7        | 34    | 84  | +1218 | -0.39 | -0.19 | +10 | +23  | +129 | +7  | +75         | 68  | +368 | 107 | 105 | 106 | 98  | 99  | 97  |     | 74        | 99  | 98  | 103 |
| CRV            | NL   | 565103198   | Delta Jigger             |       | Esperanto       | Reflector      | 17 | Gna | 97  | +171 | +4        | 13058 | 99  | -64   | +0.00 | +0.07 | -3  | +4   | +8   | +4  | +38         | 99  | +516 | 106 | 105 | 100 | 103 | 102 | 97  | 109 | 99        | 101 | 102 | 108 |
| Alt            | US   | 3138499077  | Peak Altaaltuve          | RF    | Salvatore Rc    | Monterey       | 16 | Nat | 91  | +170 | -26       | 332   | 97  | +1700 | -0.22 | -0.11 | +48 | +48  | +350 | -31 | +43         | 89  | +347 | 105 | 98  | 105 | 101 | 99  | 95  | 100 | 93        | 93  | 101 | 102 |
| ABS            | US   | 3141494322  | Abs Sassafras            |       | Spectre         | Rubicon        | 16 | Nat | 89  | +170 | +4        | 302   | 95  | -35   | +0.93 | +0.18 | +87 | +16  | +330 | +7  | +89         | 86  | +223 | 97  | 106 | 105 | 105 | 99  | 103 | 94  | 90        | 98  | 98  | 103 |
| ABS            | NL   | 715952043   | Schreur Shimmer          | RF    | Salvatore Rc    | Rubicon        | 17 | Nat | 91  | +170 | -7        | 628   | 97  | +1676 | -0.32 | -0.21 | +36 | +36  | +263 | -12 | +34         | 88  | +341 | 101 | 103 | 102 | 102 | 100 | 100 | 103 | 94        | 98  | 102 | 107 |
| WWS            | US   | 3144506083  | Kerndtway Exodus         |       | Reason          | Heisenberg     | 15 | Nat | 75  | +170 | -6        | 33    | 82  | +476  | +0.19 | -0.04 | +40 | +13  | +176 | +10 | +39         | 71  | +443 | 108 | 106 | 101 | 90  | 102 | 101 | 97  | 81        | 96  | 97  | 105 |
| Sem            | CA   | 12949010    | Progenesis Maestro       |       | Imax            | Duke           | 16 | Nat | 81  | +169 | +5        | 54    | 89  | +1078 | +0.13 | +0.00 | +60 | +38  | +343 | +8  | -1          | 80  | +313 | 102 | 104 | 101 | 100 | 101 | 101 |     | 88        | 104 | 106 | 103 |
| CRV            | NL   | 884634760   | Delta Boomerang          |       | Fisherman       | Esperanto      | 15 | Gna | 87  | +169 | +7        | 288   | 92  | +80   | +0.54 | +0.24 | +56 | +26  | +280 | +33 | +59         | 86  | +275 | 105 | 99  | 105 | 102 | 101 | 102 | 105 | 96        | 97  | 98  | 104 |
| CRV            | NL   | 737504587   | Delta Lixor              | LR    | Nippon P        | Rush Hour Cd   | 16 | Gna | 89  | +169 | -6        | 1920  | 92  | -240  | +0.59 | +0.40 | +45 | +29  | +260 | -8  | -33         | 87  | +441 | 106 | 102 | 99  | 102 | 105 | 99  | 104 | 99        | 103 | 102 | 101 |
| CRV            | NL   | 687206379   | Delta Jupiler            |       | Amigo           | Snowfever Cd   | 15 | Gna | 98  | +169 | +8        | 19651 | 99  | +772  | -0.57 | -0.08 | -26 | +19  | +4   | -4  | +27         | 99  | +428 | 105 | 109 | 104 | 105 | 97  | 104 | 107 | 99        | 104 | 103 | 106 |
| Syn            | NL   | 597117626   | Koepon Crowd Et          |       | Crownmax        | Duke           | 16 | Gna | 78  | +168 | -14       | 39    | 86  | +1292 | +0.34 | +0.11 | +92 | +58  | +525 | -20 | +100        | 81  | +137 | 100 | 96  | 101 | 97  | 99  | 93  | 103 | 87        | 102 | 103 | 100 |
| Syn            | DE   | 0361214538  | Weh Promotion            |       | Prosperous      | Kerrigan       | 16 | Gna | 74  | +168 | +0        | 18    | 82  | +2224 | -0.18 | -0.16 | +74 | +59  | +476 | +5  | +86         | 78  | +478 | 101 | 95  | 100 | 97  | 99  | 105 | 97  | 86        | 97  | 98  | 103 |
| ABS            | US   | 3141559471  | De-Su 14077 Toronto      |       | Pine-Tree Burle | Rubicon        | 16 | Int | 77  | +168 | +38       | 78    | 88  | +1171 | +0.29 | -0.02 | +81 | +39  | +411 | +21 | +0          | 74  | +293 | 104 | 99  | 105 | 99  | 99  | 103 | 99  | 78        | 104 | 102 | 98  |
| Syn            | NL   | 750760885   | Veenhuizer K&I Jameson   | LR    | Jetset          | Balisto        | 16 | Gna | 86  | +168 | -2        | 81    | 93  | +914  | -0.10 | +0.01 | +29 | +33  | +229 | +9  | +54         | 85  | +771 | 106 | 97  | 100 | 103 | 106 | 102 | 101 | 92        | 101 | 101 | 112 |
| AWE            | US   | 3133064316  | Endco Supreme            |       | View-Home Ca    | Platinum       | 13 | Nat | 79  | +167 | +3        | 33    | 87  | +1265 | -0.06 | -0.01 | +48 | +43  | +329 | +6  | +38         | 79  | +300 | 109 | 99  | 101 | 98  | 95  | 97  |     | 87        | 98  | 101 | 101 |
| GGI            | DE   | 0770618336  | Star P                   | PO RF | Solitaire P     | Semino         | 16 | Gna | 83  | +167 | +10       | 99    | 91  | +1579 | -0.40 | -0.06 | +23 | +49  | +280 | +32 | +40         | 83  | +444 | 106 | 101 | 100 | 102 | 94  | 94  | 102 | 93        | 98  | 98  | 107 |
| ABS            | US   | 3142332706  | Pine-Tree Durable        |       | Dg Charley      | Woodcrest Moç  | 16 | Gna | 81  | +167 | +10       | 23    | 88  | +926  | -0.13 | +0.10 | +26 | +43  | +263 | -10 | +130        | 84  | +292 | 96  | 107 | 104 | 104 | 103 | 105 | 102 | 90        | 92  | 92  | 101 |
| STG            | US   | 3010353416  | Edg Rubi-Asp             | RF    | Rubicon         | Mccutchen      | 16 | Nat | 82  | +167 | -4        | 54    | 90  | +287  | +0.49 | +0.06 | +61 | +16  | +252 | -7  | +3          | 83  | +405 | 104 | 102 | 101 | 98  | 98  | 96  | 105 | 87        | 102 | 104 | 105 |
| CRV            | NL   | 843890655   | Delta Lendor             |       | Vh Stu          | Bube           | 14 | Gna | 98  | +167 | +3        | 14709 | 99  | +148  | +0.29 | +0.18 | +35 | +23  | +204 | +4  | +113        | 99  | +108 | 107 | 102 | 99  | 96  | 103 | 92  | 107 | 99        | 93  | 92  | 100 |
| K&L            | DK   | 03388505909 | Vh Blush Bradoc          |       | Vh Blush        | Bynke          | 11 | Gna | 82  | +167 | +2        | 21    | 87  | +1084 | +0.26 | +0.36 | -25 | -8   | +109 | -10 | +39         | 81  | +815 | 110 | 107 | 105 | 104 | 98  | 99  | 106 | 88        | 97  | 98  | 101 |
| Sam            | NL   | 591900796   | Bonhill Rambam           | RF    | Rubels-Red      | Supershot      | 16 | Nat | 76  | +166 | -16       | 114   | 86  | +1650 | -0.16 | -0.10 | +53 | +47  | +361 | -19 | -18         | 76  | +552 | 100 | 103 | 100 | 96  | 100 | 99  | 99  | 78        | 105 | 104 | 100 |
| Alt            | US   | 3200824071  | Peak Altajurgen          |       | Milktime        | Altarobson     | 16 | Nat | 85  | +166 | -1        | 278   | 92  | +1378 | -0.14 | -0.04 | +44 | +44  | +321 | -1  | +51         | 83  | +561 | 100 | 101 | 104 | 100 | 98  | 107 | 101 | 90        | 103 | 102 | 101 |
| Adv            | NL   | 636023549   | Kalenji Ah Celebrity     |       | King Doc        | Mr Mogul Delta | 16 | Gna | 85  | +166 | -7        | 102   | 92  | +1678 | -0.38 | -0.10 | +29 | +48  | +293 | +1  | +6          | 85  | +209 | 102 | 104 | 101 | 95  | 104 | 101 | 100 | 92        | 102 | 101 | 111 |
| STG            | US   | 3132352407  | St Gen Superhero Swift   |       | Superhero       | Co-Op Day Tuff | 16 | Nat | 83  | +166 | +1        | 110   | 92  | +1428 | -0.29 | -0.04 | +29 | +46  | +285 | +16 | -2          | 81  | +354 | 100 | 104 | 103 | 97  | 102 | 105 |     | 87        | 100 | 103 | 109 |
| Ves            | DK   | 03707004472 | Utoft Bahrain Billund    | LR    | Vh Bahrain      | Bernell        | 15 | Gna | 82  | +166 | +8        | 40    | 88  | +1067 | -0.09 | -0.02 | +36 | +36  | +263 | +26 | +127        | 84  | +290 | 100 | 103 | 105 | 105 | 102 | 106 | 99  | 88        | 99  | 98  | 104 |
| Gex            | US   | 3138766984  | Aardema Moondance        |       | Matters         | Josuper        | 15 | Nat | 84  | +166 | +14       | 151   | 92  | +607  | +0.32 | -0.08 | +59 | +13  | +233 | +18 | +12         | 77  | +519 | 106 | 105 | 105 | 99  | 103 | 101 | 97  | 76        | 102 | 98  | 98  |
| Sem            | US   | 3143986262  | Siemers Hanley           | MW    | Challenger      | Delta-Lambda   | 17 | Int | 74  | +166 | -16       | 47    | 92  | +624  | +0.25 | -0.11 | +52 | +11  | +203 | +7  | +52         | 75  | +176 | 103 | 106 | 102 | 103 | 100 | 104 | 103 | 73        | 100 | 101 | 108 |
| WWS            | US   | 70071611    | S-S-I Mogul Reflector    |       | Mogul           | Super          | 18 | Nat | 97  | +166 | -3        | 5828  | 99  | +843  | -0.27 | +0.03 | +8  | +33  | +166 | -7  | +25         | 99  | +386 | 101 | 103 | 103 | 96  | 107 | 106 | 106 | 99        | 103 | 101 | 107 |
| Tot            | NL   | 586947632   | Essex                    | RF    | Esperanto       | Fiou Rdc       | 15 | Gna | 80  | +166 | +0        | 16    |     |       |       |       |     |      |      |     |             |     |      |     |     |     |     |     |     |     |           |     |     |     |