

# Genetic Guide

AUGUST 2026

The ultimate cow isn't extreme.  
**She's complete.**

Learn about the GENEX ICC™ Ultimate index on page 2.

**GENEX**™  
FOR GENERATIONS

# Complete Cows. Profit that Compounds.

**ICC**<sup>™</sup>  
Ultimate



up to **6,837 lbs**

**MORE**  
Lifetime ECM\*

ICC Ultimate

**102,541 lbs**

NM\$

97,512 lbs

TPI®

95,704 lbs

\*Validated using data from more than 45,000 genomic-tested commercial cows. Results compare actual production of the top quartile of cows ranked by ICC Ultimate, NM\$ and TPI.



### ICC™ Ultimate Leaders

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 VIP Sire

**The ICC Ultimate index is a genetic selection tool designed for commercial dairy herds, guiding breeding decisions towards cows that deliver maximum lifetime economic return.**

Updated in April 2026, ICC Ultimate is built to balance lifetime Energy-Corrected Milk (ECM), reflecting a nearly 1:1 Fat to Protein ratio, alongside health, reproduction and efficiency.

- ✓ More lifetime Energy-Corrected Milk (ECM)
- ✓ Lower SCC and fewer health events
- ✓ Fewer breedings per pregnancy
- ✓ More cows reaching fourth lactation on time

**More ECM. Lower costs. Greater longevity.**



**Looking for more emphasis on milk, health or efficiency?**  
Scan to compare all the ICC Indexes.

|          |              | ICC™ Ultimate                                                                                                                                                           |           |      |      |       |         |           |                        |            |                    |                     |                     |                        |                   |         |      |                    |             |         |             |          |                             |    |     | Conventional Price | GenChoice™ Price |
|----------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|------|-------|---------|-----------|------------------------|------------|--------------------|---------------------|---------------------|------------------------|-------------------|---------|------|--------------------|-------------|---------|-------------|----------|-----------------------------|----|-----|--------------------|------------------|
| HOLSTEIN |              |                                                                                                                                                                         | Net Merit | Milk | Fat  | Fat % | Protein | Protein % | Combined Fat & Protein | Feed Saved | Somatic Cell Score | Daughter Preg. Rate | Cow Conception Rate | Heifer Conception Rate | Sire Calving Ease | RobotX™ | TPI® | Modern Udder Index | Udder Comp. | Stature | Beta-Casein | Pedigree |                             |    |     |                    |                  |
| 1H018146 | PO           |       | 1272      | 1111 | 893  | 99    | 0.23    | 57        | 0.10                   | 156        | 276                | 2.73                | 2.1                 | 4.5                    | 3.6               | 1.5     | 104  | 3520               | 11.5        | 0.54    | -1.34       | A1A2     | PRIMERO x SHEEPSTER         | 80 | 150 |                    |                  |
| 1H017678 | MAGMUS       |       | 1255      | 1203 | 1056 | 102   | 0.21    | 48        | 0.05                   | 150        | 456                | 2.65                | 1.6                 | 3.7                    | 1.6               | 0.9     | 109  | 3413               | 4.5         | -0.36   | -1.02       | A1A2     | MAGICMOOLA x GREYCUP        | 70 | 95  |                    |                  |
| 1H018189 | MAXWELL      |       | 1239      | 1074 | 1118 | 95    | 0.18    | 57        | 0.07                   | 152        | 207                | 2.72                | 2.5                 | 4.9                    | 3.3               | 1.2     | 102  | 3459               | 8.0         | 0.20    | -0.68       | A2A2     | ROSEMARY x HIPSTER          | 60 | 95  |                    |                  |
| 1H017832 | DREAMON      |                                                                                        | 1236      | 1139 | 639  | 98    | 0.27    | 42        | 0.08                   | 140        | 265                | 2.57                | 2.6                 | 4.8                    | 2.3               | 1.1     | 103  | 3419               | 6.0         | -0.04   | -1.09       | A1A2     | MAGICMOOLA x OLYMPUS        | 70 | 95  |                    |                  |
| 1H018211 | PRISTINE     |                                                                                        | 1230      | 1139 | 1135 | 101   | 0.20    | 59        | 0.08                   | 160        | 394                | 2.72                | 0.7                 | 2.6                    | 2.1               | 1.3     | 106  | 3479               | 9.9         | 0.39    | -1.66       | A2A2     | PRIMERO x ACHIEVE           | 60 | 95  |                    |                  |
| 1H018231 | SPEEDDIAL    |                                                                                        | 1225      | 1164 | 700  | 113   | 0.31    | 59        | 0.13                   | 172        | 258                | 2.75                | 2.3                 | 4.0                    | 2.2               | 1.4     | 105  | 3505               | 10.0        | 0.15    | 0.03        | A1A2     | AltaPRESTIGE x ALTITUDE     | 70 | 95  |                    |                  |
| 1H018152 | SNAPDRAGON   |       | 1189      | 1220 | 1090 | 150   | 0.38    | 63        | 0.10                   | 213        | 216                | 2.70                | -0.1                | 1.0                    | 0.7               | 1.5     | 104  | 3563               | 10.9        | 0.34    | 0.17        | A2A2     | AltaSNAZZY x POWERHOUSE     | 80 | 150 |                    |                  |
| 1H018094 | RIZZ         |       | 1189      | 1077 | 1492 | 89    | 0.10    | 55        | 0.02                   | 144        | 332                | 2.86                | 1.8                 | 4.0                    | 2.2               | 0.8     | 108  | 3447               | 13.2        | 0.72    | -0.66       | A2A2     | LORAX x RIMBOT              | 70 | 95  |                    |                  |
| 1H017864 | GLOWUP       |                                                                                                                                                                         | 1187      | 1061 | 680  | 110   | 0.30    | 55        | 0.12                   | 165        | 44                 | 2.63                | 1.8                 | 3.9                    | 3.5               | 1.3     | 104  | 3497               | 10.3        | 0.05    | 0.06        | A2A2     | AltaINSPIRE x ACHIEVE       | 55 | 85  |                    |                  |
| 1H017669 | SPLISHSPLASH |                                                                                                                                                                         | 1182      | 1159 | 1094 | 119   | 0.27    | 56        | 0.07                   | 175        | 336                | 2.89                | 1.3                 | 3.2                    | 1.2               | 1.2     | 99   | 3502               | 7.2         | 0.55    | -0.59       | A1A2     | MAGICMOOLA x AltaSECONDLIN  | 60 | 95  |                    |                  |
| 1H016845 | MAGICMOOLA   |       | 1182      | 1098 | 1006 | 92    | 0.18    | 48        | 0.06                   | 140        | 305                | 2.63                | 1.8                 | 3.4                    | 1.7               | 1.1     | 106  | 3397               | 6.8         | -0.01   | -1.07       | A1A2     | POWERSTAR x MOONRISE        | 70 | 95  |                    |                  |
| 1H017977 | OUTSTANDING  |       | 1180      | 1174 | 884  | 128   | 0.34    | 58        | 0.11                   | 186        | 367                | 2.81                | 0.3                 | 1.8                    | 0.1               | 1.6     | 101  | 3464               | 7.9         | 0.39    | -0.99       | A2A2     | AltaSNAZZY x OLYMPUS        | 70 | 95  |                    |                  |
| 1H018105 | MICO         |                                                                                        | 1175      | 1075 | 840  | 103   | 0.25    | 51        | 0.09                   | 154        | 312                | 2.86                | 2.2                 | 4.7                    | 1.3               | 1.3     | 102  | 3460               | 11.0        | 0.59    | -0.26       | A2A2     | HEIRLOOM x LETCHWORTH       | 55 | 85  |                    |                  |
| 1H018145 | RIVET        |       | 1171      | 1136 | 1106 | 122   | 0.28    | 58        | 0.08                   | 180        | 312                | 2.89                | 1.4                 | 3.1                    | 0.6               | 1.2     | 101  | 3509               | 8.9         | 0.61    | -0.97       | A1A2     | BARKEEP x LOCKSTEP          | 70 | 95  |                    |                  |
| 1H017729 | WILDWHISPER  |                                                                                        | 1171      | 1085 | 376  | 109   | 0.35    | 39        | 0.10                   | 148        | 192                | 2.59                | 2.1                 | 4.2                    | 2.5               | 1.4     | 106  | 3443               | 10.4        | 0.63    | -0.62       | A1A2     | MAGICMOOLA x ACHIEVE        | 60 | 95  |                    |                  |
| 1H018044 | GOTIME       |                                                                                        | 1170      | 1156 | 968  | 138   | 0.36    | 54        | 0.08                   | 192        | 236                | 2.95                | 0.9                 | 2.7                    | 0.9               | 1.5     | 109  | 3454               | 10.0        | 0.14    | -0.60       | A2A2     | CLOCKWISE x SHEEPSTER       | 70 | 95  |                    |                  |
| 1H016089 | POWERHOUSE   |       | 1170      | 1085 | 2043 | 119   | 0.12    | 96        | 0.10                   | 215        | 45                 | 3.08                | 0.3                 | 1.4                    | 1.1               | 1.0     | 104  | 3561               | 9.3         | -0.09   | 0.96        | A2A2     | AltaWHEELHOUSE x AltaZAZZLE | 50 | 75  |                    |                  |
| 1H017938 | SPOOKTASTIC  |                                                                                        | 1170      | 1076 | 1357 | 115   | 0.21    | 58        | 0.05                   | 173        | 168                | 2.80                | 1.8                 | 3.3                    | 2.7               | 1.5     | 104  | 3502               | 10.4        | 0.39    | -0.71       | A1A2     | TRAILBLAZE x SHEEPSTER      | 80 | 150 |                    |                  |
| 1H017936 | LOYALIST     |                                                                                        | 1162      | 1112 | 1055 | 124   | 0.29    | 58        | 0.09                   | 182        | 173                | 2.80                | 1.6                 | 3.4                    | 2.7               | 0.9     | 92   | 3492               | 7.0         | 0.05    | 0.04        | A1A2     | TRAILBLAZE x MASTERPIECE    | 60 | 95  |                    |                  |
| 1H017195 | DIMENSION    |   | 1158      | 1001 | 1939 | 83    | 0.01    | 74        | 0.04                   | 157        | 289                | 2.78                | 1.2                 | 3.8                    | 0.5               | 1.1     | 106  | 3441               | 9.7         | 0.08    | 0.49        | A1A1     | AltaSAMSON x UPSIDE         | 70 | 95  |                    |                  |
| 1H017827 | MAKESHIFT    |                                                                                                                                                                         | 1154      | 1134 | 1049 | 115   | 0.26    | 49        | 0.05                   | 164        | 414                | 2.74                | 1.3                 | 3.1                    | 0.7               | 1.4     | 103  | 3429               | 9.4         | 0.26    | -0.98       | A2A2     | AltaMAKEOVER x OLYMPUS      | 60 | 95  |                    |                  |
| 1H018004 | NOSTALGIA    |                                                                                                                                                                         | 1152      | 1069 | 824  | 78    | 0.16    | 43        | 0.06                   | 121        | 571                | 2.77                | 2.7                 | 5.1                    | 3.0               | 0.8     | 98   | 3330               | 2.7         | -0.19   | -1.93       | A2A2     | MAGICMOOLA x MIRRORIMAGE    | 55 | 85  |                    |                  |
| 1H017728 | DELORO       |                                                                                      | 1151      | 1095 | 1640 | 92    | 0.09    | 51        | -0.01                  | 143        | 414                | 2.71                | 1.2                 | 3.3                    | 1.8               | 1.0     | 105  | 3342               | 4.7         | -0.24   | -1.70       | A1A2     | MAGICMOOLA x LIONEL         | 55 | 85  |                    |                  |
| 1H017932 | FREAKYFRIDAY |                                                                                                                                                                         | 1150      | 1020 | 1047 | 93    | 0.18    | 52        | 0.06                   | 145        | 245                | 2.85                | 1.9                 | 4.3                    | 2.2               | 1.1     | 106  | 3419               | 12.1        | 0.54    | -0.83       | A1A2     | EXCITEMENT x LIONEL         | 45 | 70  |                    |                  |
| 1H018197 | JAREK        |                                                                                      | 1149      | 999  | 1155 | 93    | 0.16    | 57        | 0.07                   | 150        | 173                | 2.77                | 1.7                 | 3.8                    | 0.2               | 1.2     | 106  | 3434               | 11.3        | 0.50    | -0.06       | A1A2     | DIMENSION x SHEEPSTER       | 40 | 65  |                    |                  |
| 1H018081 | MARDIGRAS    |   | 1147      | 1029 | 1037 | 97    | 0.20    | 50        | 0.06                   | 147        | 335                | 2.82                | 1.4                 | 3.8                    | 2.3               | 1.6     | 102  | 3371               | 10.7        | 0.57    | -1.39       | A2A2     | ROSEMARY x ACHIEVE          | 50 | 75  |                    |                  |
| 1H018218 | GENEROUS     |   | 1146      | 1090 | 1155 | 129   | 0.30    | 61        | 0.08                   | 190        | 141                | 2.93                | 1.5                 | 3.1                    | 1.1               | 1.3     | 108  | 3510               | 11.0        | 0.46    | -1.00       | A2A2     | AltaMAKEOVER x SHEEPSTER    | 70 | 95  |                    |                  |
| 1H018217 | BIGWIN       |                                                                                      | 1143      | 1085 | 1095 | 115   | 0.25    | 64        | 0.10                   | 179        | 258                | 2.85                | 0.8                 | 2.1                    | 1.3               | 1.5     | 103  | 3463               | 7.0         | 0.08    | -1.15       | A2A2     | AltaENGAGE x SHEEPSTER      | 60 | 95  |                    |                  |
| 1H018116 | GILLES       |                                                                                                                                                                         | 1142      | 1130 | 1399 | 134   | 0.27    | 57        | 0.04                   | 191        | 256                | 2.90                | 0.9                 | 2.2                    | 0.3               | 1.3     | 104  | 3466               | 9.7         | 0.43    | -1.25       | A2A2     | AltaMAKEOVER x SHEEPSTER    | 70 | 95  |                    |                  |
| 1H017203 | HEIRLOOM     |                                                                                                                                                                         | 1142      | 1053 | 1676 | 94    | 0.09    | 63        | 0.03                   | 157        | 477                | 2.90                | 0.9                 | 3.3                    | 1.3               | 1.6     | 106  | 3314               | 3.6         | -0.58   | -1.43       | A2A2     | AltaSAMSON x UPSIDE         | 50 | 75  |                    |                  |
| 1H017670 | MYSTICMIRAGE |                                                                                      | 1141      | 1056 | 1715 | 83    | 0.04    | 49        | -0.03                  | 132        | 434                | 2.68                | 1.4                 | 3.6                    | 2.4               | 1.1     | 106  | 3269               | 3.1         | -0.59   | -1.57       | A1A2     | MAGICMOOLA x LIONEL         | 55 | 85  |                    |                  |
| 1H017786 | HILARIOUS    |                                                                                      | 1139      | 1030 | 754  | 96    | 0.24    | 48        | 0.09                   | 144        | 363                | 2.78                | 2.4                 | 4.5                    | 1.7               | 1.5     | 105  | 3346               | 6.5         | -0.03   | -1.49       | A1A2     | AltaFLASHFIRE x SHEEPSTER   | 60 | 95  |                    |                  |

 VIP Sire
  New Release
  PregCheck™ Fertility Ranking ≥ 100 (conventional)
  PregCheck+™ Fertility Ranking ≥ 100 (sexed)
  Polled

|          |             |  | ICC™ Ultimate |           |      |     |       |         |           |                        |            |                    |                     |                     |                        |                   |         |      |                    |             |         |             |                          | Conventional Price | GenChoice™ Price |    |
|----------|-------------|--|---------------|-----------|------|-----|-------|---------|-----------|------------------------|------------|--------------------|---------------------|---------------------|------------------------|-------------------|---------|------|--------------------|-------------|---------|-------------|--------------------------|--------------------|------------------|----|
| HOLSTEIN |             |  |               | Net Merit | Milk | Fat | Fat % | Protein | Protein % | Combined Fat & Protein | Feed Saved | Somatic Cell Score | Daughter Preg. Rate | Cow Conception Rate | Heifer Conception Rate | Sire Calving Ease | RobotX™ | TPI® | Modern Udder Index | Udder Comp. | Stature | Beta-Casein | Pedigree                 |                    |                  |    |
| 1H018209 | PUZZLEPIECE |  | 1138          | 1061      | 2118 | 86  | -0.01 | 67      | -0.01     | 153                    | 506        | 2.81               | 1.1                 | 3.4                 | 0.4                    | 1.1               | 106     | 3381 | 9.2                | -0.02       | 0.11    | A1A2        | DIMENSION x MECANICO     |                    | 60               | 95 |
| 1H017411 | TIMEWARP    |  | 1137          | 1102      | 1098 | 116 | 0.26  | 70      | 0.12      | 186                    | 165        | 2.83               | 0.5                 | 1.6                 | -0.1                   | 1.2               | 99      | 3445 | 5.3                | -0.60       | -0.21   | A1A2        | LOCKSTEP x POWERHOUSE    |                    | 50               | 75 |
| 1H017743 | CONDOR      |  | 1136          | 1101      | 885  | 108 | 0.26  | 50      | 0.08      | 158                    | 359        | 2.73               | 1.6                 | 3.1                 | 1.8                    | 0.8               | 102     | 3400 | 4.5                | -0.14       | -1.15   | A1A2        | MAGICMOOLA x CUMULUS     |                    | 45               | 70 |
| 1H017538 | PROGRESS    |  | 1135          | 1041      | 828  | 97  | 0.23  | 52      | 0.09      | 149                    | 197        | 2.67               | 1.6                 | 3.8                 | 2.4                    | 0.7               | 103     | 3392 | 9.1                | 0.04        | -0.38   | A2A2        | ALTITUDE x LIONEL        |                    | 45               | 70 |
| 1H018043 | WORLDWIDE   |  | 1133          | 1151      | 1463 | 127 | 0.24  | 67      | 0.07      | 194                    | 276        | 3.03               | 0.2                 | 1.5                 | 0.3                    | 1.2               | 104     | 3467 | 7.7                | 0.07        | -0.69   | A2A2        | CLOCKWISE x SHEEPSTER    |                    | 70               | 95 |
| 1H017972 | PINGPONG    |  | 1128          | 1124      | 1140 | 126 | 0.29  | 63      | 0.09      | 189                    | 292        | 2.90               | 0.7                 | 2.2                 | 0.5                    | 1.3               | 101     | 3446 | 8.8                | -0.15       | -0.28   | A2A2        | AltaMAKEOVER x SHEEPSTER |                    | 70               | 95 |
| 1H017858 | YELICH      |  | 1128          | 1058      | 918  | 99  | 0.22  | 48      | 0.07      | 147                    | 462        | 2.80               | 1.6                 | 3.6                 | 2.3                    | 1.1               | 105     | 3393 | 11.8               | 0.48        | -1.33   | A2A2        | AltaMAKEOVER x ACHIEVE   |                    | 50               | 75 |
| 1H018046 | ABLAZE      |  | 1120          | 1014      | 374  | 91  | 0.28  | 47      | 0.13      | 138                    | 252        | 2.68               | 0.9                 | 3.1                 | 2.4                    | 1.7               | 99      | 3411 | 13.2               | 0.96        | -1.05   | A2A2        | PRIMERO x ACHIEVE        |                    | 35               | 60 |
| 1H017667 | PULSAR      |  | 1120          | 969       | 590  | 96  | 0.27  | 46      | 0.10      | 142                    | 135        | 2.64               | 2.7                 | 5.3                 | 3.9                    | 1.2               | 103     | 3465 | 11.1               | 0.45        | 0.12    | A2A2        | EXCITEMENT x ACHIEVE     |                    | 50               | 75 |
| 1H017277 | GREATGATSBY |  | 1119          | 1001      | 1468 | 82  | 0.08  | 66      | 0.06      | 148                    | 298        | 2.69               | 0.9                 | 2.9                 | 0.2                    | 1.3               | 104     | 3341 | 3.5                | -0.63       | -0.57   | A1A2        | AltaSAMSON x UPSIDE      |                    | 35               | 60 |
| 1H018181 | QUIZQUEST   |  | 1118          | 1097      | 433  | 102 | 0.31  | 39      | 0.09      | 141                    | 463        | 2.81               | 1.8                 | 3.5                 | 2.2                    | 0.9               | 102     | 3243 | 0.8                | -0.41       | -2.83   | A2A2        | LAGO x MEGAPOINT         |                    | 50               | 75 |
| 1H017915 | SPACEJAM    |  | 1112          | 1094      | 804  | 106 | 0.27  | 48      | 0.08      | 154                    | 282        | 2.75               | 1.0                 | 2.2                 | 1.7                    | 1.1               | 101     | 3374 | 7.4                | 0.15        | -1.41   | A2A2        | TRAILBLAZE x OLYMPUS     |                    | 50               | 75 |
| 1H018193 | ZOOLANDER   |  | 1111          | 1008      | 1129 | 95  | 0.18  | 50      | 0.05      | 145                    | 248        | 2.85               | 1.7                 | 3.9                 | 2.2                    | 1.2               | 103     | 3394 | 10.8               | 0.58        | -0.44   | A2A2        | AltaGAMEOVER x LOCKSTEP  |                    | 50               | 75 |
| 1H016864 | PRIMERO     |  | 1108          | 993       | 719  | 92  | 0.23  | 50      | 0.10      | 142                    | 206        | 2.52               | 0.4                 | 2.7                 | 3.3                    | 1.7               | 98      | 3505 | 12.7               | 1.26        | -0.54   | A2A2        | AltaWOODSIDE x ZILLION   |                    | 45               | 70 |
| 1H017615 | DROPNROLL   |  | 1104          | 1054      | 948  | 96  | 0.21  | 53      | 0.08      | 149                    | 347        | 2.77               | 2.3                 | 4.3                 | 2.4                    | 0.7               | 99      | 3405 | 9.7                | 0.36        | 0.12    | A2A2        | ALTITUDE x AltaZEMINI    |                    | 70               | 95 |
| 1H018111 | VADERADE    |  | 1102          | 1073      | 1231 | 111 | 0.22  | 54      | 0.05      | 165                    | 375        | 2.95               | 0.6                 | 2.4                 | 1.7                    | 1.0               | 96      | 3358 | 10.4               | 0.64        | -1.94   | A2A2        | DARTH VADER x UNDERTONE  |                    | 55               | 85 |
| 1H017212 | CLOCKWISE   |  | 1098          | 1132      | 823  | 123 | 0.33  | 63      | 0.13      | 186                    | 297        | 2.96               | 0.6                 | 2.2                 | 0.7                    | 1.5               | 104     | 3393 | 3.2                | -0.73       | -0.59   | A2A2        | LOCKSTEP x AltaZEMINI    |                    | 60               | 95 |
| 1H018063 | KINGCAKE    |  | 1094          | 1103      | 949  | 127 | 0.32  | 60      | 0.11      | 187                    | 295        | 2.93               | 0.8                 | 2.3                 | 0.4                    | 1.3               | 104     | 3425 | 6.6                | -0.11       | -1.45   | A2A2        | CLOCKWISE x SHEEPSTER    |                    | 55               | 85 |
| 1H017789 | BIGDIPPER   |  | 1093          | 1011      | 1395 | 76  | 0.07  | 47      | 0.00      | 123                    | 350        | 2.73               | 0.7                 | 2.7                 | 0.7                    | 1.1               | 109     | 3311 | 9.8                | 0.33        | -0.53   | A2A2        | MAGICMOOLA x MILKY       |                    | 55               | 85 |
| 1H017441 | FANCYLIKE   |  | 1092          | 1032      | 884  | 89  | 0.19  | 45      | 0.06      | 134                    | 391        | 2.68               | 1.4                 | 3.1                 | 2.5                    | 1.0               | 106     | 3342 | 10.6               | 0.61        | -0.88   | A1A2        | ALTITUDE x GREYCUP       |                    | 60               | 95 |
| 1H017817 | MOBILE      |  | 1091          | 1056      | 1646 | 127 | 0.21  | 65      | 0.04      | 192                    | 91         | 2.96               | 0.4                 | 2.0                 | 1.3                    | 1.8               | 102     | 3488 | 11.9               | 0.74        | -0.26   | A2A2        | AltaMAKEOVER x SHEEPSTER |                    | 70               | 95 |
| 1H018001 | MANMADE     |  | 1086          | 1100      | 936  | 125 | 0.32  | 51      | 0.07      | 176                    | 291        | 2.96               | 0.4                 | 2.2                 | 1.3                    | 1.1               | 105     | 3365 | 10.4               | 0.29        | -0.57   | A1A2        | RAD x THORSON            |                    | 45               | 70 |
| 1H018013 | COMMONSENSE |  | 1085          | 982       | 850  | 98  | 0.23  | 50      | 0.08      | 148                    | 227        | 2.74               | 0.8                 | 3.1                 | 2.5                    | 1.4               | 106     | 3428 | 13.8               | 1.19        | -0.12   | A2A2        | AltaMONDO x ACHIEVE      |                    | 35               | 60 |
| 1H017690 | MOLTAR-P    |  | 1084          | 1007      | 1028 | 89  | 0.17  | 39      | 0.02      | 128                    | 323        | 2.72               | 1.6                 | 3.7                 | 2.7                    | 1.4               | 106     | 3334 | 9.2                | 0.60        | -1.36   | A1A2        | MAGICMOOLA x SPLENDIDO-P |                    | 50               | 75 |
| 1H017204 | VOLUME      |  | 1084          | 981       | 1180 | 84  | 0.13  | 66      | 0.10      | 150                    | 233        | 2.70               | 1.0                 | 3.0                 | 0.0                    | 0.8               | 101     | 3332 | 3.4                | -0.73       | -0.39   | A1A2        | AltaSAMSON x GREYCUP     |                    | 45               | 70 |
| 1H017659 | OUTSPOKEN   |  | 1083          | 1015      | 558  | 87  | 0.24  | 40      | 0.08      | 127                    | 470        | 2.63               | 2.2                 | 3.9                 | 1.6                    | 1.1               | 106     | 3344 | 9.6                | 0.52        | -1.67   | A1A2        | MAGICMOOLA x FROST BITE  |                    | 40               | 65 |
| 1H016849 | DARKMATTER  |  | 1081          | 988       | 1370 | 78  | 0.08  | 52      | 0.03      | 130                    | 412        | 2.72               | 1.9                 | 3.5                 | 2.8                    | 1.7               | 104     | 3312 | 7.7                | -0.17       | -0.49   | A1A2        | POWERSTAR x PENDULUM     |                    | 35               | 60 |
| 1H017460 | PREVAIL     |  | 1078          | 1007      | 1034 | 98  | 0.20  | 63      | 0.11      | 161                    | 224        | 2.84               | 1.4                 | 3.0                 | 1.8                    | 1.0               | 106     | 3396 | 11.8               | 0.35        | 0.14    | A2A2        | ALTITUDE x AltaEXQUISITE |                    | 55               | 85 |
| 1H017509 | MAPMAKER    |  | 1075          | 1074      | 980  | 105 | 0.24  | 61      | 0.11      | 166                    | 381        | 2.90               | 0.9                 | 1.9                 | 0.8                    | 0.8               | 105     | 3375 | 9.3                | 0.24        | -0.52   | A2A2        | ALTITUDE x WESSON        |                    | 50               | 75 |
| 1H017621 | LEXION      |  | 1072          | 940       | 835  | 98  | 0.23  | 56      | 0.11      | 154                    | 111        | 2.89               | 2.0                 | 4.2                 | 2.9                    | 2.0               | 103     | 3457 | 12.8               | 0.84        | 0.31    | A1A2        | AXFORD x MERLE           |                    | 60               | 95 |
| 1H017673 | STORMSURGE  |  | 1070          | 1112      | 985  | 115 | 0.27  | 59      | 0.10      | 174                    | 461        | 2.92               | 0.1                 | 1.5                 | 0.7                    | 1.2               | 102     | 3378 | 5.4                | -0.11       | -1.38   | A2A2        | SHADOW x EXTREMO         |                    | 50               | 75 |
| 1H017691 | SUGARRUSH   |  | 1070          | 1001      | 645  | 102 | 0.28  | 43      | 0.08      | 145                    | 202        | 2.70               | 1.4                 | 3.7                 | 3.1                    | 1.4               | 105     | 3412 | 11.0               | 0.81        | -0.54   | A1A2        | MAGICMOOLA x LIONEL      |                    | 50               | 75 |



VIP Sire



New Release



PregCheck™ Fertility Ranking ≥ 100 (conventional)



PregCheck+™ Fertility Ranking ≥ 100 (sexed)



Polled

|          |             |     | ICC™ Ultimate |           |      |     |       |         |           |                        |            |                    |                     |                     |                        |                   |         |      |                    |             |         |             |                                | Conventional Price | GenChoice™ Price |
|----------|-------------|-----|---------------|-----------|------|-----|-------|---------|-----------|------------------------|------------|--------------------|---------------------|---------------------|------------------------|-------------------|---------|------|--------------------|-------------|---------|-------------|--------------------------------|--------------------|------------------|
|          |             |     |               | Net Merit | Milk | Fat | Fat % | Protein | Protein % | Combined Fat & Protein | Feed Saved | Somatic Cell Score | Daughter Preg. Rate | Cow Conception Rate | Heifer Conception Rate | Sire Calving Ease | RobotX™ | TPI® | Modern Udder Index | Udder Comp. | Stature | Beta-Casein | Pedigree                       |                    |                  |
| HOLSTEIN |             |     |               |           |      |     |       |         |           |                        |            |                    |                     |                     |                        |                   |         |      |                    |             |         |             |                                |                    |                  |
| 1H017339 | WORLDFAIR   | ✓✓✓ | 1068          | 961       | 1004 | 107 | 0.24  | 54      | 0.08      | 161                    | 247        | 2.82               | 1.3                 | 3.9                 | 2.2                    | 1.4               | 98      | 3395 | 12.6               | 0.79        | -0.04   | A1A2        | MASTERPIECE x AltaWHEELHOUSE   | 55                 | 85               |
| 1H017831 | TAKETHAT    |     | 1065          | 982       | 787  | 103 | 0.26  | 47      | 0.08      | 150                    | 257        | 2.71               | 1.3                 | 3.4                 | 1.8                    | 1.1               | 101     | 3406 | 12.9               | 1.17        | -0.96   | A2A2        | AltaMAKEOVER x ACHIEVE         | 30                 | 55               |
| 1H017775 | BELIEVABLE  |     | 1064          | 1070      | 882  | 114 | 0.29  | 53      | 0.09      | 167                    | 169        | 2.80               | 0.8                 | 2.0                 | 1.8                    | 1.3               | 101     | 3464 | 10.6               | 0.69        | 0.32    | A2A2        | MYSTICAL x AltaJANUS           | 55                 | 85               |
| 1H017248 | LORAX       | ✓✓✓ | 1060          | 992       | 888  | 98  | 0.23  | 44      | 0.05      | 142                    | 177        | 2.67               | 1.2                 | 3.3                 | 1.2                    | 1.1               | 106     | 3317 | 8.3                | -0.08       | -0.32   | A2A2        | LOCKSTEP x UPSIDE              | 70                 | 95               |
| 1H017876 | PHOTONIC    |     | 1058          | 1035      | 556  | 125 | 0.38  | 54      | 0.13      | 179                    | 200        | 2.87               | 0.4                 | 2.3                 | 1.3                    | 1.4               | 106     | 3448 | 11.7               | 0.66        | -0.61   | A2A2        | AltaMAKEOVER x ACHIEVE         | 40                 | 65               |
| 1H017715 | INTERCEPT   | ✓✓✓ | 1050          | 1025      | 1801 | 92  | 0.06  | 58      | 0.00      | 150                    | 324        | 2.72               | 0.0                 | 1.9                 | 0.1                    | 1.1               | 101     | 3350 | 6.6                | 0.19        | -0.78   | A2A2        | MAGICMOOLA x LIONEL            | 55                 | 85               |
| 1H017959 | HOLLA       |     | 1044          | 877       | 997  | 95  | 0.20  | 60      | 0.10      | 155                    | -168       | 2.82               | 2.1                 | 4.2                 | 2.3                    | 1.3               | 105     | 3500 | 13.3               | 0.54        | 1.22    | A2A2        | AltaINSPIRE x LETCHWORTH       | 50                 | 75               |
| 1H017005 | HOTMIX      | ✓✓✓ | 1041          | 951       | 1029 | 103 | 0.22  | 64      | 0.11      | 167                    | 34         | 2.79               | 1.1                 | 2.5                 | 2.0                    | 1.8               | 105     | 3438 | 11.1               | 0.46        | 0.51    | A2A2        | POWERHOUSE x GAMEDAY           | 35                 | 60               |
| 1H017563 | SAVYSTRIDE  | ✓✓✓ | 1036          | 1067      | 1185 | 141 | 0.33  | 55      | 0.06      | 196                    | 134        | 2.82               | -0.6                | 0.5                 | -0.1                   | 1.7               | 107     | 3451 | 11.7               | 0.46        | 0.21    | A1A2        | SHEEPSTER x GAMEDAY            | 55                 | 85               |
| 1H017873 | MONSTERMASH |     | 1035          | 1097      | 1353 | 115 | 0.21  | 53      | 0.03      | 168                    | 509        | 2.76               | -0.3                | 1.0                 | -0.1                   | 1.1               | 103     | 3337 | 9.7                | 0.25        | -0.98   | A2A2        | AltaMAKEOVER x OLYMPUS         | 50                 | 75               |
| 1H017239 | MINGLE      | ✓✓  | 1031          | 969       | 882  | 125 | 0.33  | 64      | 0.13      | 189                    | 24         | 2.78               | 0.9                 | 2.9                 | 0.9                    | 1.2               | 103     | 3424 | 9.4                | 0.00        | 0.23    | A2A2        | MASTERPIECE x AltaALANZO       | 60                 | 95               |
| 1H016194 | HERLINGS    | ✓✓✓ | 1031          | 877       | 2173 | 63  | -0.09 | 64      | -0.03     | 127                    | 116        | 2.87               | 1.1                 | 2.5                 | 2.9                    | 0.8               | 102     | 3316 | 11.1               | 0.59        | -0.22   | A2A2        | AltaWHEELHOUSE x FASTBALL      | 40                 | 65               |
| 1H017518 | GOODHABIT   | ✓✓  | 1030          | 1000      | 1374 | 97  | 0.15  | 64      | 0.07      | 161                    | 325        | 2.87               | 0.4                 | 1.7                 | 1.0                    | 1.2               | 105     | 3305 | 6.4                | -0.21       | -0.40   | A2A2        | ALTITUDE x ZAPPY               | 45                 | 70               |
| 1H016873 | GETREAL     | ✓✓✓ | 1017          | 1035      | 725  | 96  | 0.24  | 48      | 0.09      | 144                    | 496        | 2.85               | 0.3                 | 0.8                 | 0.1                    | 1.0               | 101     | 3263 | 7.1                | -0.13       | -1.25   | A2A2        | AltaMAINSTREAM x MOONRISE      | 25                 | 50               |
| 1H016918 | SEINFELD    | ✓✓✓ | 1014          | 964       | 1329 | 95  | 0.14  | 60      | 0.06      | 155                    | 195        | 2.60               | 0.1                 | 1.3                 | 0.9                    | 1.2               | 103     | 3331 | 9.0                | -0.13       | -0.16   | A2A2        | POWERSTAR x MOONSHINER         | 40                 | 65               |
| 1H017779 | NITEAGENT   | ✓✓  | 1000          | 962       | 519  | 106 | 0.31  | 38      | 0.08      | 144                    | 182        | 2.62               | 1.2                 | 3.0                 | 1.9                    | 1.4               | 108     | 3347 | 12.5               | 0.81        | -0.93   | A2A2        | CATAPULT x ACHIEVE             | 30                 | 55               |
| 1H016677 | BOLDIN      | ✓✓  | 999           | 979       | 399  | 98  | 0.30  | 44      | 0.12      | 142                    | 347        | 2.91               | 1.4                 | 2.7                 | 2.1                    | 1.4               | 105     | 3252 | 6.6                | -0.45       | -0.35   | A2A2        | AltaEXQUISITE x AltaWHEELHOUSE | 35                 | 60               |
| 1H017032 | LASERSHOW   | ✓✓  | 997           | 976       | 735  | 77  | 0.17  | 48      | 0.09      | 125                    | 510        | 2.77               | 0.3                 | 0.9                 | -0.4                   | 1.3               | 101     | 3221 | 7.8                | 0.01        | -1.37   | A2A2        | AltaMAINSTREAM x MOONRISE      | 25                 | 50               |
| 1H017687 | UNDERCOVER  | ✓✓✓ | 997           | 967       | 834  | 83  | 0.18  | 39      | 0.04      | 122                    | 528        | 2.73               | 1.1                 | 2.4                 | 1.3                    | 1.0               | 103     | 3280 | 11.2               | 1.20        | -1.85   | A2A2        | UNDERTONE x CAPTAIN            | 40                 | 65               |
| 1H017200 | YOUPROOF    | ✓✓✓ | 997           | 918       | 995  | 95  | 0.20  | 52      | 0.07      | 147                    | 200        | 2.83               | 1.1                 | 3.0                 | 1.6                    | 1.1               | 91      | 3303 | 6.8                | 0.33        | 0.74    | A1A1        | MASTERPIECE x AltaMAGNIFIQUE   | 45                 | 70               |
| 1H017080 | MAGOO       | ✓✓✓ | 993           | 996       | 1385 | 104 | 0.17  | 53      | 0.03      | 157                    | 316        | 2.84               | -0.4                | 0.3                 | -0.8                   | 1.3               | 105     | 3252 | 8.7                | 0.17        | -1.45   | A1A2        | AltaJANUS x MOONRISE           | 30                 | 55               |
| 1H017578 | BODACIOUS   | ✓✓✓ | 991           | 985       | 856  | 95  | 0.22  | 57      | 0.11      | 152                    | 357        | 2.85               | 0.1                 | 1.5                 | 0.3                    | 0.7               | 105     | 3355 | 12.0               | 1.06        | -0.25   | A2A2        | ALTITUDE x NEOWISE             | 35                 | 60               |
| 1H017577 | LATIGO      | ✓✓✓ | 991           | 929       | 900  | 103 | 0.24  | 43      | 0.05      | 146                    | 120        | 2.87               | 1.8                 | 3.4                 | 1.9                    | 0.9               | 103     | 3324 | 11.8               | 0.56        | -0.83   | A2A2        | AltaWALDO x ACHIEVE            | 40                 | 65               |
| 1H017606 | MOTIVATOR   | ✓✓✓ | 990           | 980       | 903  | 89  | 0.19  | 43      | 0.05      | 132                    | 377        | 2.77               | 0.8                 | 1.9                 | -0.8                   | 1.0               | 100     | 3253 | 8.9                | 0.22        | -0.94   | A2A2        | AltaCATAPULT x MOONRISE        | 30                 | 55               |
| 1H017453 | EXPEDIA     | ✓✓✓ | 982           | 943       | 1290 | 107 | 0.19  | 63      | 0.08      | 170                    | 129        | 2.93               | 0.2                 | 1.8                 | 1.3                    | 1.2               | 108     | 3465 | 14.4               | 0.71        | 0.80    | A2A2        | EXCITEMENT x ZAPPY             | 70                 | 95               |
| 1H016717 | AXFORD      | ✓✓  | 981           | 807       | 1127 | 74  | 0.10  | 51      | 0.05      | 125                    | 35         | 2.92               | 2.3                 | 4.8                 | 3.9                    | 1.4               | 108     | 3318 | 10.8               | 0.52        | 0.16    | A2A2        | AltaEXQUISITE x AltaWHEELHOUSE | 45                 | 70               |
| 1H017398 | AXFORD 3    | ✓✓  | 981           | 807       | 1127 | 74  | 0.10  | 51      | 0.05      | 125                    | 35         | 2.92               | 2.3                 | 4.8                 | 3.9                    | 1.4               | 108     | 3318 | 10.8               | 0.52        | 0.16    | A2A2        | AltaEXQUISITE x AltaWHEELHOUSE | 45                 | 70               |
| 1H017210 | CITYSCAPE   | ✓✓  | 980           | 943       | 823  | 106 | 0.27  | 58      | 0.11      | 164                    | 154        | 2.79               | 0.8                 | 2.5                 | 1.0                    | 1.0               | 99      | 3383 | 10.8               | 0.58        | 0.04    | A1A2        | MASTERPIECE x AltaZEMINI       | 30                 | 55               |
| 1H017155 | COOLIO      | ✓✓✓ | 979           | 1003      | 617  | 98  | 0.27  | 44      | 0.09      | 142                    | 426        | 2.75               | 0.7                 | 2.2                 | 0.1                    | 1.1               | 103     | 3272 | 7.9                | 0.25        | -0.93   | A2A2        | OLYMPUS x MOONRISE             | 30                 | 55               |
| 1H017700 | ROGUEWAVE   | ✓✓✓ | 973           | 893       | 323  | 70  | 0.21  | 32      | 0.08      | 102                    | 390        | 2.71               | 2.3                 | 4.2                 | 2.6                    | 1.1               | 106     | 3202 | 5.8                | 0.12        | -1.91   | A1A2        | LOCKSTEP x FROST BITE          | 30                 | 55               |
| 1H017895 | CHURRO      |     | 973           | 853       | 1065 | 74  | 0.11  | 43      | 0.03      | 117                    | 116        | 2.69               | 1.7                 | 3.2                 | 2.5                    | 1.1               | 106     | 3353 | 11.7               | 1.33        | 0.14    | A2A2        | AltaINSPIRE x ACHIEVE          | 50                 | 75               |
| 1H017694 | GOALZONE    |     | 968           | 1001      | 416  | 107 | 0.34  | 40      | 0.10      | 147                    | 377        | 2.94               | 1.0                 | 2.5                 | 1.0                    | 0.9               | 106     | 3235 | 3.9                | -0.27       | -1.96   | A2A2        | LOCKSTEP x FROST BITE          | 30                 | 55               |



VIP Sire



New Release



PregCheck™ Fertility Ranking ≥ 100 (conventional)



PregCheck+™ Fertility Ranking ≥ 100 (sexed)



Polled



|                 |                |    | ICC™ Ultimate |  | Net Merit | Milk | Fat | Fat % | Protein | Protein % | Combined Fat & Protein | Feed Saved | Somatic Cell Score | Daughter Preg. Rate | Cow Conception Rate | Heifer Conception Rate | Sire Calving Ease | RobotX™ | TPI® | Modern Udder Index | Udder Comp. | Stature | Beta-Casein | Pedigree                       | Conventional Price | GenChoice™ Price |
|-----------------|----------------|----|---------------|--|-----------|------|-----|-------|---------|-----------|------------------------|------------|--------------------|---------------------|---------------------|------------------------|-------------------|---------|------|--------------------|-------------|---------|-------------|--------------------------------|--------------------|------------------|
| <b>HOLSTEIN</b> |                |    |               |  |           |      |     |       |         |           |                        |            |                    |                     |                     |                        |                   |         |      |                    |             |         |             |                                |                    |                  |
| 1H017016        | CRUSHPROOF     | ✓+ | 965           |  | 920       | 1084 | 111 | 0.24  | 49      | 0.05      | 160                    | 57         | 2.72               | 0.6                 | 2.5                 | 2.0                    | 1.4               | 104     | 3324 | 12.6               | 0.52        | -0.31   | A2A2        | ACHIEVE x EXTREMO              | 55                 | 85               |
| 1H016796        | BREAKAWAY      | ✓✓ | 963           |  | 934       | 418  | 94  | 0.29  | 33      | 0.07      | 127                    | 255        | 2.78               | 1.7                 | 3.2                 | 2.0                    | 0.9               | 101     | 3240 | 8.4                | 0.35        | -1.30   | A2A2        | PORTER x MOONRISE              | 25                 | 50               |
| 1H017525        | PROSPERITY     | ✓+ | 963           |  | 915       | 1453 | 106 | 0.17  | 63      | 0.06      | 169                    | 240        | 2.98               | 1.3                 | 3.7                 | 1.5                    | 1.2               | 104     | 3333 | 9.7                | -0.08       | 0.31    | A1A2        | AltaOVERDRIVE x UPSIDE         | 30                 | 55               |
| 1H017442        | ANTICIPATE     | ✓✓ | 952           |  | 856       | 919  | 91  | 0.19  | 48      | 0.07      | 139                    | -70        | 2.69               | 1.6                 | 3.2                 | 1.9                    | 1.1               | 105     | 3407 | 12.0               | 1.06        | 0.59    | A2A2        | AltaMACARIO x AltaOVERTAKE     | 25                 | 50               |
| 1H017710        | DELOREAN       | ✓✓ | 947           |  | 946       | 682  | 105 | 0.28  | 46      | 0.09      | 151                    | 268        | 2.78               | 1.7                 | 3.2                 | 1.9                    | 1.3               | 103     | 3416 | 10.9               | 1.15        | 0.43    | A1A2        | CATAPULT x POWERSTAR           | 25                 | 50               |
| 1H017047        | HEAVYWEIGHT    | ✓✓ | 946           |  | 950       | 846  | 91  | 0.21  | 29      | 0.00      | 120                    | 337        | 2.63               | 0.6                 | 2.0                 | 0.2                    | 1.1               | 104     | 3180 | 8.4                | 0.41        | -1.56   | A2A2        | MEGAPOINT x MOONRISE           | 40                 | 65               |
| 1H017527        | OLLIVANDER     | ✓✓ | 945           |  | 953       | 951  | 107 | 0.25  | 59      | 0.10      | 166                    | 243        | 2.81               | 0.4                 | 1.2                 | 0.9                    | 1.1               | 103     | 3369 | 11.0               | 0.55        | 0.72    | A2A2        | UNDERTONE x AltaEXQUISITE      | 45                 | 70               |
| 1H017699        | SCRIMMAGE      | ✓✓ | 937           |  | 999       | 468  | 109 | 0.33  | 34      | 0.07      | 143                    | 346        | 2.78               | 0.3                 | 1.4                 | 0.7                    | 1.0               | 106     | 3255 | 8.8                | 0.22        | -1.13   | A1A2        | LOCKSTEP x GAMEDAY             | 30                 | 55               |
| 1H017640        | FATHOM         | ✓+ | 932           |  | 944       | 1284 | 108 | 0.20  | 44      | 0.01      | 152                    | 319        | 2.84               | -0.2                | 1.8                 | 1.7                    | 1.4               | 105     | 3295 | 11.2               | 0.73        | -0.90   | A2A2        | AltaWALDO x LIONEL             | 40                 | 65               |
| 1H016769        | DOUBLEMAGIC    | ✓✓ | 921           |  | 908       | 825  | 94  | 0.22  | 44      | 0.06      | 138                    | 188        | 2.75               | 0.5                 | 1.8                 | 0.9                    | 1.4               | 106     | 3228 | 5.4                | 0.18        | -1.73   | A2A2        | WESSON x TORRO                 | 25                 | 50               |
| 1H017636        | HARDBALL       |    | 917           |  | 801       | 888  | 75  | 0.14  | 47      | 0.07      | 122                    | 95         | 2.77               | 1.5                 | 3.3                 | 2.6                    | 1.1               | 103     | 3370 | 12.1               | 1.22        | 0.25    | A1A2        | EXCITEMENT x AltaWOODSIDE      | 30                 | 55               |
| 1H017633        | EVERMORE       | ✓✓ | 916           |  | 984       | 1469 | 107 | 0.17  | 47      | 0.00      | 154                    | 333        | 2.82               | 0.2                 | 1.2                 | 1.2                    | 1.0               | 103     | 3266 | 9.9                | 0.06        | 0.44    | A1A2        | ALTITUDE x MARLON              | 25                 | 50               |
| 1H016483        | MASTERPIECE    | ✓  | 910           |  | 908       | 616  | 121 | 0.35  | 44      | 0.09      | 165                    | 133        | 2.76               | 1.2                 | 3.0                 | 0.5                    | 0.9               | 92      | 3288 | 5.6                | 0.38        | 0.65    | A1A2        | AltaKEVLOW x HELIX             | 30                 | 55               |
| 1H016993        | MASTERPIECE 2  |    | 910           |  | 908       | 616  | 121 | 0.35  | 44      | 0.09      | 165                    | 133        | 2.76               | 1.2                 | 3.0                 | 0.5                    | 0.9               | 92      | 3288 | 5.6                | 0.38        | 0.65    | A1A2        | AltaKEVLOW x HELIX             | 30                 | 55               |
| 1H016491        | SPOOKABULL     | ✓✓ | 907           |  | 842       | 726  | 67  | 0.14  | 39      | 0.06      | 106                    | 343        | 2.82               | 1.8                 | 3.7                 | 1.8                    | 1.1               | 109     | 3163 | 5.4                | -0.16       | -1.52   | A1A2        | GRAZIANO x FASTBALL            | 30                 | 55               |
| 1H017859        | PIXYSTIX-PP    | P  | 901           |  | 805       | 845  | 79  | 0.16  | 54      | 0.10      | 133                    | 208        | 2.84               | 0.9                 | 2.6                 | 1.4                    | 1.4               | 105     | 3275 | 10.3               | 0.43        | -0.18   | A2A2        | CREED-P x AltaMAJESTAD-PP      | 35                 | 60               |
| 1H016795        | STORMRIDER     | ✓  | 898           |  | 837       | 1146 | 77  | 0.11  | 28      | -0.03     | 105                    | 299        | 2.66               | 1.7                 | 3.6                 | 2.3                    | 1.1               | 105     | 3133 | 8.8                | 0.16        | -0.76   | A2A2        | PORTER x MOONSHINER            | 30                 | 55               |
| 1H016923        | SLATETOWN      | ✓✓ | 891           |  | 799       | 1494 | 96  | 0.12  | 60      | 0.04      | 156                    | 45         | 2.87               | -0.1                | 2.0                 | 1.6                    | 1.5               | 103     | 3270 | 13.7               | 0.58        | 0.41    | A2A2        | ACHIEVE x UPSIDE               | 45                 | 70               |
| 1H016650        | CASIMIRO       |    | 877           |  | 697       | 228  | 54  | 0.17  | 39      | 0.12      | 93                     | 21         | 2.74               | 3.6                 | 5.6                 | 1.3                    | 1.2               | 104     | 3323 | 12.4               | 1.37        | -0.02   | A2A2        | AltaOVERTAKE x AltaZAZZLE      | 25                 | 50               |
| 1H016863        | LUCKYCHARM     | ✓✓ | 817           |  | 693       | 885  | 74  | 0.14  | 47      | 0.07      | 121                    | -76        | 2.83               | 2.0                 | 3.5                 | 0.7                    | 1.1               | 101     | 3300 | 11.0               | 1.16        | 0.92    | A2A2        | MARLON x AltaMAGNIFIQUE        | 30                 | 55               |
| 1H016883        | SQUINTS        | ✓✓ | 781           |  | 715       | 328  | 60  | 0.17  | 29      | 0.07      | 89                     | 239        | 2.70               | 1.8                 | 3.4                 | 2.2                    | 1.0               | 101     | 3102 | 7.4                | 0.15        | -1.03   | A1A2        | AltaEXQUISITE x LEGACY         | 30                 | 55               |
| 1H016922        | CONQUER-PP     | ✓P | 770           |  | 798       | 1051 | 78  | 0.13  | 31      | -0.01     | 109                    | 396        | 2.80               | 0.5                 | 2.3                 | 0.2                    | 1.2               | 108     | 3066 | 7.1                | -0.12       | -0.58   | A2A2        | SPLENDIDO-P x DORSEY-P         | 25                 | 50               |
| 1H018180        | STARBOY-PP     | P  | 764           |  | 715       | 745  | 67  | 0.13  | 37      | 0.05      | 104                    | 209        | 2.83               | 1.0                 | 2.6                 | 1.0                    | 1.2               | 104     | 3098 | 6.2                | 0.21        | -0.39   | A2A2        | CREED-P x MEGAPOINT            | 25                 | 50               |
| 1H017684        | LAWMAKER       | ✓  | 746           |  | 722       | 987  | 89  | 0.18  | 52      | 0.07      | 141                    | 76         | 2.84               | 0.2                 | 1.5                 | 1.1                    | 1.6               | 99      | 3302 | 11.0               | 1.51        | -0.11   | A2A2        | PACE x ELON                    | 25                 | 50               |
| 1H015461        | BREAK EVEN     | ✓✓ | 652           |  | 569       | 1232 | 42  | -0.03 | 42      | 0.01      | 84                     | 93         | 3.13               | 1.1                 | 2.4                 | 0.9                    | 1.1               | 98      | 3050 | 7.8                | 1.09        | 1.18    | A1A2        | TIMBERLAKE x RESOLVE           | 25                 | 50               |
| 1H018214        | ENAMEL-RED     | ✓  | 626           |  | 601       | 707  | 69  | 0.15  | 31      | 0.03      | 100                    | 19         | 2.80               | 0.5                 | 1.2                 | 1.3                    | 1.2               | 104     | 3111 | 11.6               | 1.19        | 0.97    | A2A2        | SHIELD *RC x TRUMPET-RED       | 35                 | 60               |
| 1H018188        | MAGENTA-PP-RED | ✓P | 463           |  | 409       | 842  | 39  | 0.02  | 21      | -0.02     | 60                     | 2          | 2.91               | 0.8                 | 1.4                 | -0.1                   | 1.2               | 102     | 2898 | 11.4               | 0.53        | 0.71    | A2A2        | MO RED PP x REMOVER PP         | 35                 | 60               |
| 1H018047        | CHECKERS-P-RED | ✓P | 372           |  | 331       | 931  | 40  | 0.01  | 36      | 0.02      | 76                     | -210       | 3.06               | 0.9                 | 1.0                 | 0.7                    | 1.6               | 97      | 3049 | 9.0                | 1.39        | 3.01    | A2A2        | EXCLUSIVE-RED x ELEVATOR P *RC | 35                 | 60               |
| 1H017352        | LEX-PP-RED     | ✓P | 50            |  | 106       | -246 | 23  | 0.13  | -7      | 0.00      | 16                     | -59        | 2.92               | 0.6                 | 0.1                 | 0.6                    | 1.7               | 100     | 2703 | 7.2                | 1.41        | 2.24    | A2A2        | LAZER-PP-RED x MCDONALD-P-RED  | 35                 | 60               |



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|          |             |                                                                                                                                                                         |               | Net Merit | Milk | Fat | Fat % | Protein | Protein % | Combined Fat & Protein | Feed Saved | Somatic Cell Score | Daughter Preg. Rate | Cow Conception Rate | Heifer Conception Rate | Sire Calving Ease | RobotX™ | TPI® | Modern Udder Index | Udder Comp. | Stature | Beta-Casein | Pedigree                 |                    |                  |
| 1H018146 | PO          |     | 1272          | 1111      | 893  | 99  | 0.23  | 57      | 0.10      | 156                    | 276        | 2.73               | 2.1                 | 4.5                 | 3.6                    | 1.5               | 104     | 3520 | 11.5               | 0.54        | -1.34   | A1A2        | PRIMERO x SHEEPSTER      | 80                 | 150              |
| 1H018189 | MAXWELL     |   | 1239          | 1074      | 1118 | 95  | 0.18  | 57      | 0.07      | 152                    | 207        | 2.72               | 2.5                 | 4.9                 | 3.3                    | 1.2               | 102     | 3459 | 8.0                | 0.20        | -0.68   | A2A2        | ROSEMARY x HIPSTER       | 60                 | 95               |
| 1H017832 | DREAMON     |   | 1236          | 1139      | 639  | 98  | 0.27  | 42      | 0.08      | 140                    | 265        | 2.57               | 2.6                 | 4.8                 | 2.3                    | 1.1               | 103     | 3419 | 6.0                | -0.04       | -1.09   | A1A2        | MAGICMOOLA x OLYMPUS     | 70                 | 95               |
| 1H018152 | SNAPDRAGON  |   | 1189          | 1220      | 1090 | 150 | 0.38  | 63      | 0.10      | 213                    | 216        | 2.70               | -0.1                | 1.0                 | 0.7                    | 1.5               | 104     | 3563 | 10.9               | 0.34        | 0.17    | A2A2        | AltaSNAZZY x POWERHOUSE  | 80                 | 150              |
| 1H018094 | RIZZ        |   | 1189          | 1077      | 1492 | 89  | 0.10  | 55      | 0.02      | 144                    | 332        | 2.86               | 1.8                 | 4.0                 | 2.2                    | 0.8               | 108     | 3447 | 13.2               | 0.72        | -0.66   | A2A2        | LORAX x RIMBOT           | 70                 | 95               |
| 1H017977 | OUTSTANDING |   | 1180          | 1174      | 884  | 128 | 0.34  | 58      | 0.11      | 186                    | 367        | 2.81               | 0.3                 | 1.8                 | 0.1                    | 1.6               | 101     | 3464 | 7.9                | 0.39        | -0.99   | A2A2        | AltaSNAZZY x OLYMPUS     | 70                 | 95               |
| 1H018145 | RIVET       |   | 1171          | 1136      | 1106 | 122 | 0.28  | 58      | 0.08      | 180                    | 312        | 2.89               | 1.4                 | 3.1                 | 0.6                    | 1.2               | 101     | 3509 | 8.9                | 0.61        | -0.97   | A1A2        | BARKEEP x LOCKSTEP       | 70                 | 95               |
| 1H017938 | SPOOKTASTIC |   | 1170          | 1076      | 1357 | 115 | 0.21  | 58      | 0.05      | 173                    | 168        | 2.80               | 1.8                 | 3.3                 | 2.7                    | 1.5               | 104     | 3502 | 10.4               | 0.39        | -0.71   | A1A2        | TRAILBLAZE x SHEEPSTER   | 80                 | 150              |
| 1H018218 | GENEROUS    |   | 1146          | 1090      | 1155 | 129 | 0.30  | 61      | 0.08      | 190                    | 141        | 2.93               | 1.5                 | 3.1                 | 1.1                    | 1.3               | 108     | 3510 | 11.0               | 0.46        | -1.00   | A2A2        | AltaMAKEOVER x SHEEPSTER | 70                 | 95               |



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