

| HHP\$* | DWP\$* | CW\$™ | Net Merit \$ | GTPi* | Milk | Protein | Fat |
|-----------------------|-----------------------|-----------------------|---------------------|---------------------|----------------------|-------------------|--------------------|
| Perpetual .. +\$1,195 | Milky..... +\$1,391 | Rager-Red..... +\$29 | Milky..... +1,185 | Payload..... +3095 | Lionel..... +3,215 | Lionel..... +95 | Lionel..... +149 |
| Rupert .. +\$1,143 | Perpetual .. +\$1,317 | Caviar .. +\$23 | Lionel..... +1,183 | Trooper .. +3089 | Alphabet..... +2,690 | Payload..... +82 | Perpetual .. +138 |
| Taos..... +\$1,143 | Gordy..... +\$1,250 | Porter .. +\$23 | Gordy..... +1,134 | Rupert .. +3066 | Granada .. +2,419 | Rupert .. +80 | Jamarco .. +136 |
| Milky..... +\$1,136 | Lionel..... +\$1,235 | Warrior-Red... +\$22 | Payload..... +1,113 | Lionel..... +3062 | Tahiti .. +2,132 | Milky..... +77 | Crusher..... +131 |
| Lionel..... +\$1,134 | Granada .. +\$1,197 | Helix .. +\$16 | Crusher..... +1,111 | Perfect..... +3044 | Rupert .. +2,111 | Jamarco..... +76 | Simba..... +130 |
| Gordy..... +\$1,118 | Rooney .. +\$1,185 | Granada .. +\$13 | Tahiti .. +1,108 | Milky..... +3040 | Payload..... +2,073 | Perpetual .. +76 | Milky..... +129 |
| Bigshot .. +\$1,117 | Agassi..... +\$1,162 | Bigshot .. +\$8 | Perpetual .. +1,087 | Crusher..... +3036 | Goddard..... +1,982 | Tahiti .. +73 | Rupert .. +119 |
| Trooper .. +\$1,116 | Crusher..... +\$1,118 | Trooper .. +\$5 | Simba..... +1,082 | Perpetual .. +3030 | Taos..... +1,926 | Helix .. +73 | Helix .. +117 |
| Crusher..... +\$1,109 | Knockout .. +\$1,115 | Perfect..... +\$2 | Rupert .. +1,045 | Taos..... +3022 | Magellan .. +1,891 | Goddard..... +71 | Rozline..... +117 |
| Goddard..... +\$1,102 | Simba..... +\$1,077 | Elon..... +\$1 | Goddard..... +1,041 | Gordy..... +3000 | Perpetual .. +1,889 | Parsly .. +71 | Barclay .. +116 |
| Rooney .. +\$1,091 | Derringer .. +\$1,072 | Conway..... +\$0 | Porter .. +1,039 | Simba..... +2990 | Milky..... +1,845 | Magellan .. +69 | Conway..... +115 |
| Perfect..... +\$1,088 | Tanger .. +\$1,069 | Thunder Struck.. +\$0 | Moonshiner.. +1,032 | Parsly .. +2972 | Jamarco .. +1,801 | Alphabet..... +67 | Porter .. +112 |
| Payload..... +\$1,084 | Goddard..... +\$1,017 | Rompen-Red... +\$0 | Knockout .. +1,028 | Moonshiner.. +2970 | Parsly .. +1,797 | Mellencamp .. +67 | Trooper..... +111 |
| Rashan .. +\$1,072 | Bigshot .. +\$1,015 | Doc..... -\$3 | Rooney .. +1,020 | Sertoli .. +2961 | Moonshiner.. +1,712 | Helix .. +66 | Caviar .. +110 |
| Knockout .. +\$1,071 | Payload..... +\$1,010 | Crusher..... -\$4 | Caviar .. +1,000 | Renegade.... +2953 | Rooney .. +1,653 | Moonshiner.. +66 | Rashan .. +110 |
| Derringer .. +\$1,057 | Magellan .. +\$1,008 | Hanans .. -\$5 | Barclay .. +987 | High Demand.. +2937 | Taos..... +1,609 | Trooper..... +65 | Payload..... +109 |
| Conway..... +\$1,048 | Tahiti .. +\$987 | Captivating..... -\$6 | Magellan .. +981 | Jamarco .. +2936 | Luster-P .. +1,592 | Granada .. +63 | Gordy..... +108 |
| Tahiti .. +\$1,044 | Porter .. +\$984 | Sertoli .. -\$6 | Derringer .. +981 | Tahiti .. +2935 | Doc..... +1,561 | Banjo-P .. +63 | Tahiti .. +106 |
| Renegade.. +\$1,043 | Rupert .. +\$980 | Tanger .. -\$6 | Trooper..... +960 | Conway..... +2932 | Eisaku .. +1,499 | Perfect..... +61 | Alphabet..... +106 |
| Magellan .. +\$1,025 | Barclay .. +\$968 | Parsly .. -\$9 | Granada..... +957 | Barclay .. +2926 | Gordy..... +1,485 | Gordy..... +61 | Derringer .. +105 |

| Productive Life | Livability | DPR | CCR | HCR | Fertility Index | Somatic Cell Score | CDCB Mastitis |
|---------------------|---------------------|---------------------|--------------------|-----------------------|---------------------|--------------------|-----------------------|
| Taffou .. +6.5 | Taffou..... +4.7 | Taos..... +2.1 | Taos..... +4.9 | Eisaku..... +4.3 | Agassi..... +2.5 | Perpetual .. 2.61 | Rooney..... +4.3 |
| Knockout .. +6.4 | Crusher..... +3.5 | Agassi..... +2.0 | Agassi..... +3.4 | Knockout .. +3.9 | High Demand .. +2.1 | Rooney..... 2.63 | Bigshot .. +3.8 |
| Rooney .. +6.3 | Rooney..... +3.0 | Banjo-P .. +1.5 | Sertoli..... +2.9 | Agassi..... +3.8 | Banjo-P .. +2.0 | Moscow .. 2.66 | Rager-Red... +3.4 |
| Moscow .. +6.1 | Moscow .. +3.0 | Taffou..... +1.5 | Taffou..... +2.7 | Moonshiner.. +3.8 | Sertoli..... +1.8 | Goddard..... 2.70 | Captivating..... +3.3 |
| Derringer .. +5.9 | Rager-Red... +2.4 | High Demand .. +1.4 | Bigshot .. +2.6 | Caviar .. +3.3 | Taos..... +1.8 | Magellan .. 2.70 | Hanans .. +3.2 |
| Gordy..... +5.8 | Agassi..... +2.3 | Sertoli..... +1.1 | Trooper..... +2.6 | Porter .. +3.3 | Taffou..... +1.8 | Taffou..... 2.70 | Rashan .. +3.2 |
| Goddard..... +5.4 | Porter .. +2.2 | Rupert .. +0.9 | Renegade.... +2.5 | Gordy..... +3.1 | Trooper..... +1.3 | Sertoli..... 2.73 | Moscow .. +3.1 |
| Moonshiner.. +5.4 | Gordy..... +2.0 | Trooper..... +0.8 | Banjo-P .. +2.3 | Elon..... +3.1 | Gordy..... +1.1 | Moonshiner.. 2.74 | Knockout .. +3.0 |
| Eisaku..... +5.2 | Coffee..... +1.9 | Tanger .. +0.7 | Goddard..... +2.3 | Captivating..... +3.1 | Moonshiner.. +1.1 | Derringer .. 2.74 | Derringer .. +2.9 |
| Taos..... +5.1 | Derringer .. +1.7 | Renegade.... +0.6 | Tanger .. +2.2 | Lionel..... +3.1 | Tanger .. +1.1 | High Demand.. 2.74 | Rozline..... +2.8 |
| Bigshot .. +5.1 | Milky..... +1.6 | Bigshot .. +0.3 | Moscow .. +2.1 | Derringer .. +3.0 | Mellencamp .. +1.0 | Hanans .. 2.75 | Taffou..... +2.8 |
| Crusher..... +5.1 | Granada .. +1.5 | Mellencamp .. +0.3 | Rupert .. +1.9 | High Demand .. +2.9 | Bigshot .. +1.0 | Bigshot .. 2.76 | Perfect..... +2.7 |
| Parsly .. +5.1 | Eisaku..... +1.2 | Gordy..... +0.2 | Moonshiner.. +1.9 | Coffee..... +2.9 | Elon..... +1.0 | Taos..... 2.76 | Magellan .. +2.6 |
| Rager-Red... +5.0 | Caviar .. +1.1 | Moscow .. +0.2 | Porter .. +1.9 | Sertoli..... +2.9 | Knockout .. +0.9 | Gordy..... 2.76 | Hancock .. +2.5 |
| Caviar .. +5.0 | Rompen-Red... +1.1 | Goddard..... +0.1 | Knockout .. +1.9 | Tahiti .. +2.8 | Derringer .. +0.7 | Rozline..... 2.76 | Granada .. +2.5 |
| Porter .. +4.8 | Tanger .. +1.1 | Moonshiner.. +0.0 | Gordy..... +1.8 | Milky..... +2.7 | Renegade.... +0.7 | Knockout .. 2.76 | Tanger .. +2.5 |
| Payload..... +4.8 | Boeing-P-Red.. +1.1 | Knockout .. +0.0 | Luster-P .. +1.6 | Trooper..... +2.7 | Liberty-P .. +0.7 | Crusher..... 2.77 | High Demand .. +2.5 |
| Tahiti .. +4.7 | Simba..... +1.0 | Derringer .. -0.2 | Mellencamp .. +1.6 | Rompen-Red... +2.7 | Moscow .. +0.6 | Coffee..... 2.79 | Conway..... +2.4 |
| Simba..... +4.7 | Payload..... +1.0 | Parsly .. -0.2 | Parsly .. +1.4 | Simba..... +2.5 | Goddard..... +0.5 | Luster-P .. 2.79 | Gordy..... +1.9 |
| High Demand .. +4.7 | Magellan .. +1.0 | Elon..... -0.2 | Perfect..... +1.2 | Mellencamp .. +2.4 | Rupert .. +0.5 | Agassi..... 2.79 | Crusher..... +1.9 |

| Z_MAS | Stature (Least) | Stature | Strength | Legs Side View | Legs Rear View | Foot Angle | Z_LAME |
|--------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|--------------------|
| Thunder Struck 108 | Derringer .. -1.00 | Warrior-Red... +4.47 | Warrior-Red... +2.26 | Rompen-Red.. +0.52S | Perfect..... +3.72 | Hanans .. +3.62 | Agassi..... 107 |
| Coffee..... 107 | Milky..... -0.82 | Hanans .. +3.88 | Hanans .. +1.76 | Thunder Struck +0.50S | Hanans .. +3.35 | Hancock .. +3.01 | Taffou..... 104 |
| Warrior-Red... 107 | Gordy..... -0.77 | Thunder Struck +3.14 | Doc..... +1.69 | Tanger .. +0.50S | Renegade.... +3.20 | Coffee..... +2.71 | Derringer .. 103 |
| Rooney .. 107 | Porter .. -0.77 | Doc..... +3.03 | Rager-Red... +1.38 | Warrior-Red +0.49S | Hancock .. +2.68 | Doc..... +2.62 | Coffee..... 103 |
| Derringer .. 107 | Simba..... -0.61 | Captivating... +2.34 | Rozline..... +1.36 | Lionel..... +0.29S | Doc..... +2.65 | Warrior-Red... +2.55 | Rooney..... 103 |
| Knockout .. 107 | Granada .. -0.51 | Jamarco..... +2.27 | Perfect..... +1.34 | Crusher..... +0.12S | Trooper..... +2.53 | Trooper..... +2.05 | Granada .. 103 |
| Rompen-Red... 106 | Tanger .. -0.33 | Hancock .. +1.99 | Banjo-P .. +1.33 | Renegade.... -0.02P | Luster-P .. +2.46 | Alphabet..... +2.00 | Rager-Red... 103 |
| Hanans .. 106 | Elon..... -0.31 | Taos..... +1.93 | Taos..... +1.32 | Milky..... -0.04P | Warrior-Red... +2.20 | Renegade.... +1.87 | Bigshot .. 102 |
| Boeing-P-Red.. 106 | Agassi..... -0.19 | Luster-P .. +1.78 | Thunder Struck +1.29 | Derringer .. -0.07P | Conway..... +1.97 | Banjo-P .. +1.84 | Banjo-P .. 102 |
| Milky..... 105 | Perpetual .. -0.03 | Rompen-Red... +1.69 | Renegade.... +1.26 | Rashan .. -0.10P | Rozline..... +1.94 | Parsly .. +1.69 | Milky..... 102 |
| Tahiti .. 105 | High Demand .. -0.01 | Sertoli..... +1.64 | Coffee..... +1.07 | Perfect..... -0.11P | Taos..... +1.80 | Rupert .. +1.65 | Perpetual .. 101 |
| Granada .. 105 | Goddard..... +0.05 | Conway..... +1.54 | Trooper..... +1.07 | Rupert .. -0.11P | Captivating... +1.72 | Perfect..... +1.56 | Tanger .. 101 |
| Rashan .. 105 | Rooney..... +0.07 | Renegade.... +1.54 | Rupert .. +0.95 | Taos..... -0.15P | Banjo-P .. +1.71 | Thunder Struck +1.41 | Captivating... 101 |
| Tanger .. 105 | Lionel..... +0.23 | Alphabet..... +1.54 | Sertoli..... +0.92 | Captivating... -0.20P | Taos..... +1.67 | Rager-Red... +1.21 | Luster-P .. 100 |
| Gordy..... 104 | Moscow .. +0.25 | Helix .. +1.45 | Perpetual .. +0.80 | Moscow .. -0.22P | Mellencamp .. +1.55 | Rompen-Red +1.08 | Lionel..... 100 |
| Moscow .. 104 | Payload..... +0.28 | High Demand +1.43 | Jamarco..... +0.79 | Porter .. -0.26P | Payload..... +1.46 | Boeing-P-Red +1.06 | Taos..... 100 |
| Agassi..... 104 | Bigshot .. +0.35 | Rashan .. +1.30 | Payload..... +0.75 | Goddard..... -0.29P | Rompen-Red.. +1.46 | Sertoli..... +1.04 | Parsly .. 100 |
| Rager-Red... 103 | Liberty-P .. +0.39 | Trooper..... +1.17 | Conway..... +0.72 | Hanans .. -0.36P | Parsly .. +1.25 | Rozline..... +0.96 | Gordy..... 99 |
| Perpetual .. 103 | Coffee..... +0.44 | Taffou..... +1.17 | Captivating... +0.68 | Perpetual .. -0.37P | Rager-Red... +1.20 | Captivating... +0.93 | Trooper..... 99 |
| Bigshot .. 103 | Barclay .. +0.47 | Moonshiner.. +1.16 | Mellencamp .. +0.61 | Trooper..... -0.40P | Thunder Struck +1.17 | Luster-P .. +0.92 | Jamarco .. 99 |

| Fore Udder Attach | Rear Udder Height | Rear Udder Width | Udder Depth | Front Teat Place | Rear Teat Place | Udder Composite | Type |
|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|----------------------|----------------------|
| Hanans .. +3.52 | Hancock .. +5.02 | Hancock .. +4.69 | Warrior-Red... +3.42 | Hancock .. +2.37 | Caviar .. -0.20 | Hancock .. +3.38 | Hancock .. +3.62 |
| Hancock .. +3.48 | Hanans .. +4.14 | Doc..... +3.90 | Hanans .. +2.95 | Moonshiner.. +2.27 | Bigshot .. -0.11 | Hanans .. +2.57 | Hanans .. +3.58 |
| Thunder Struck +2.91 | Thunder Struck +3.95 | Luster-P .. +3.58 | Thunder Struck +2.66 | Hanans .. +1.88 | Derringer .. +0.02 | Thunder Struck +2.46 | Thunder Struck +3.43 |
| Warrior-Red... +2.80 | Luster-P .. +3.63 | Hanans .. +3.39 | Caviar .. +2.64 | Doc..... +1.69 | Rashan .. +0.06 | Perfect..... +2.22 | Doc..... +3.15 |
| Coffee..... +2.74 | Doc..... +3.41 | Thunder Struck +3.33 | Rompen-Red +2.44 | Sertoli..... +1.53 | Crusher..... +0.10 | Luster-P .. +2.17 | Warrior-Red... +2.78 |
| Doc..... +2.45 | Perfect..... +3.03 | Perfect..... +3.21 | Taos..... +2.33 | Payload..... +1.47 | Boeing-P-Red +0.11 | Doc..... +2.07 | Luster-P .. +2.57 |
| Derringer .. +2.43 | Jamarco..... +3.00 | Lionel..... +3.04 | Hancock .. +2.16 | Helix .. +1.38 | Rooney .. +0.11 | Elon..... +2.06 | Perfect..... +2.47 |
| Banjo-P .. +2.37 | Rompen-Red.. +3.00 | Parsly .. +2.75 | Alphabet..... +2.08 | Captivating... +1.36 | Taffou..... +0.15 | Rompen-Red +2.04 | Rompen-Red.. +2.04 |
| Rompen-Red.. +2.32 | Parsly .. +2.95 | Sertoli..... +2.50 | Moscow .. +1.95 | Mellencamp .. +1.36 | Conway..... +0.21 | Liberty-P .. +1.98 | Renegade.... +1.91 |
| Taos..... +2.23 | Elon..... +2.70 | Jamarco..... +2.48 | High Demand +1.95 | Rompen-Red +1.30 | Granada .. +0.21 | Parsly .. +1.85 | Conway..... +1.91 |
| Liberty-P .. +2.20 | Barclay .. +2.55 | Payload..... +2.47 | Taffou..... +1.92 | Jamarco .. +1.22 | Simba..... +0.25 | Derringer .. +1.71 | Jamarco .. +1.90 |
| Conway..... +2.18 | Warrior-Red... +2.49 | Tanger .. +2.25 | Banjo-P .. +1.90 | Tahiti .. +1.17 | Milky..... +0.29 | Renegade.... +1.62 | Trooper..... +1.87 |
| Perfect..... +2.17 | Liberty-P .. +2.40 | Liberty-P .. +2.25 | Renegade.... +1.80 | Thunder Struck +1.17 | Moscow .. +0.31 | Moonshiner.. +1.59 | Coffee..... +1.73 |
| Luster-P .. +2.13 | Renegade.... +2.35 | Renegade.... +2.21 | Liberty-P .. +1.80 | Warrior-Red... +1.05 | Tanger .. +0.34 | Sertoli..... +1.57 | Taos..... +1.72 |
| Renegade.... +2.12 | Alphabet..... +2.33 | Barclay .. +2.13 | Derringer .. +1.79 | Rager-Red... +1.02 | Trooper..... +0.37 | Payload..... +1.54 | Rager-Red... +1.71 |
| Mellencamp .. +2.01 | Taffou..... +2.23 | Perpetual .. +2.10 | Boeing-P-Red +1.75 | Eisaku .. +1.02 | Alphabet..... +0.42 | Magellan .. +1.51 | Mellencamp .. +1.71 |
| Taffou..... +1.99 | Tanger .. +2.11 | Rompen-Red +2.09 | Moonshiner.. +1.69 | Rozline..... +0.95 | Renegade.... +0.47 | Barclay .. +1.46 | Moonshiner.. +1.69 |
| Caviar .. +1.97 | High Demand +2.11 | Porter .. +2.08 | Sertoli..... +1.65 | Elon..... +0.93 | Lionel..... +0.47 | Taffou..... +1.46 | Payload..... +1.64 |
| Elon..... +1.96 | Magellan .. +2.08 | Milky..... +2.02 | Mellencamp .. +1.63 | Porter .. +0.88 | Rupert .. +0.48 | Warrior-Red... +1.40 | Eisaku .. +1.63 |
| Trooper..... +1.89 | Trooper..... +2.02 | Magellan .. +1.95 | Elon..... +1.57 | Alphabet..... +0.81 | Knockout .. +0.51 | Banjo-P .. +1.39 | Captivating... +1.58 |

04/24 CDCB/HA/Zoetis Genomic data. *TPI is a registered trademark of Holstein Association USA. Dairy Wellness Profit Index (DWP\$) is a registered trademark of Zoetis Inc, its affiliates and/or licensors. ™Calf Wellness Index (CW\$) is a trademark of Zoetis Inc, its affiliates and/or licensors. *Herd Health Profit Dollars (HHP\$) is a registered trademark of Select Sires Inc.