

HOARD'S DAIRYMAN BULL LIST

Holstein Top Bulls — August 2014 Sire Summaries

| Top 50 Ranked by Net Merit \$ | | | | Top 50 Genomic-only, Net Merit \$ | | | | Top 25 Ranked by Fluid Merit \$ | | | | Top 25 Ranked by Cheese Merit \$ | | | | Top 25 Ranked by Productive Life* | | | | | | | | | |
|-------------------------------|-----------|------------|-------|-----------------------------------|------|------------------------|-------------|---------------------------------|------|------|-----------|----------------------------------|-------|------|------|-----------------------------------|------------|-------|------|------|-----------|------------|------------------------|-------|----|
| NAAB | Name | NM\$ | Rel. | NAAB | Name | NM\$ | Rel. | NAAB | Name | FM\$ | Rel. | NAAB | Name | CM\$ | Rel. | NAAB | Name | PL | Rel. | | | | | | |
| | 7H010524 | ROBUST | 852 G | 92 | | 203H01468 | DELTA | 1045 G | 71 | 99-I | 1H09800 | ERDMAN | 805 G | 92 | | 7H010524 | ROBUST | 921 G | 92 | | 29H014947 | PEACE | 7.7 G | 80 | |
| 99-I | 1H09800 | ERDMAN | 829 G | 92 | | 224H02881 | SUPERSHOT | 1038 G | 68 | | 11H010928 | GREATEST | 804 G | 89 | | 29H014335 | TWIST | 885 G | 92 | | 1H010085 | YANO | 7.6 G | 83 | |
| | 180H03093 | ELVYS | 815 G | 75 | | 151H0696 | DOZER | 1010 G | 69 | | 7H010524 | ROBUST | 802 G | 92 | | 180H03093 | ELVYS | 877 G | 75 | | 29H014477 | DANGER | 7.6 G | 83 | |
| | 29H014335 | TWIST | 800 G | 92 | | 151H0698 | DRACO 15006 | 997 G | 69 | | 180H03093 | ELVYS | 754 G | 75 | 99-I | 1H09800 | ERDMAN | 856 G | 92 | 99-I | 1H09800 | ERDMAN | 7.5 G | 84 | |
| | 11H010928 | GREATEST | 787 G | 89 | 99-N | 1H011056 | TROY | 996 G | 71 | | 11H010908 | FAIRWAY | 740 G | 88 | | 11H010908 | FAIRWAY | 836 G | 88 | | 147H02287 | MARIAN | 7.4 G | 73 | |
| | 11H010908 | FAIRWAY | 782 G | 88 | | 151H0681 | RUBICON | 978 G | 70 | 99-N | 1H010219 | JUNIOR | 731 G | 86 | | 29H014427 | ABC | 821 G | 89 | | 7H010582 | PAUL | 7.3 G | 85 | |
| | 1H010085 | YANO | 747 G | 91 | 99-I | 7H013093 | DAMARIS | 955 G | 69 | | 7H010849 | SHAMROCK | 722 G | 93 | | 1H010085 | YANO | 813 G | 91 | | 202H0767 | PIONEER | 7.3 G | 79 | |
| 98-I | 29H014828 | MYRLE | 745 G | 87 | | 7H012023 | RODGERS | 954 G | 70 | | 29H015534 | GONZO | 716 G | 85 | | 1H09527 | MASSEY | 801 G | 97 | | 7H010690 | PLAN | 7.1 G | 83 | |
| 99-I | 147H02287 | MARIAN | 744 G | 77 | | 7H012266 | YODER | 942 G | 71 | | 29H014335 | TWIST | 715 G | 92 | 98-I | 29H014828 | MYRLE | 801 G | 87 | | 29H011614 | JEEVES | 6.9 G | 99 | |
| | 200H03753 | FACEBOOK | 732 G | 87 | | 1H011889 | AVENGER | 932 G | 70 | 99-I | 147H02287 | MARIAN | 712 G | 77 | 99-N | 1H010218 | DENIM | 795 G | 89 | | 29H014335 | TWIST | 6.9 G | 87 | |
| | 200H0402 | MANIFOLD | 729 G | 97 | 99-I | 29H017553 | JOSUPER | 930 G | 70 | | 1H09167 | O-STYLE | 701 G | 99 | | 200H03753 | FACEBOOK | 795 G | 87 | | 1H08778 | SUPER | 6.7 G | 98 | |
| | 29H014427 | ABC | 728 G | 89 | | 29H017607 | BOASTFUL | 925 G | 70 | | 200H0528 | JETT AIR | 700 G | 92 | 99-I | 7H010721 | BOOKEM | 788 G | 94 | | 180H03093 | ELVYS | 6.7 G | 70 | |
| 99-I | 7H010721 | BOOKEM | 727 G | 94 | | 11H011451 | FLEX | 924 G | 69 | | 202H0767 | PIONEER | 700 G | 83 | | 11H010977 | RAINMAN | 717 G | 87 | | 7H010849 | SHAMROCK | 6.6 G | 84 | |
| | 11H010977 | RAINMAN | 717 G | 87 | 99-I | 1H010396 | CABRIOLET | 923 G | 73 | | 7H010937 | FUTURE | 699 G | 87 | | 200H0402 | MANIFOLD | 781 G | 97 | | 11H010666 | DOM | 6.6 G | 83 | |
| | 29H015534 | GONZO | 713 G | 85 | | 147H02479 | DISCOVERY | 923 G | 70 | | 200H0402 | MANIFOLD | 694 G | 97 | 99-I | 147H02287 | MARIAN | 779 G | 77 | | 29H014646 | PASTOR | 6.6 G | 82 | |
| 99-N | 1H08784 | FREDDIE | 712 G | 99 | | 76H0712 | SHUT-OUT | 921 G | 71 | | 7H010297 | MCNUGGETS | 694 G | 92 | 99-N | 7H010848 | GRAFEETI | 774 G | 89 | | 11H010977 | RAINMAN | 6.6 G | 81 | |
| | 151H0569 | PAVTHEWAY | 712 G | 85 | | 29H014142 | DORCY *BY | 691 G | 96 | | 29H014142 | DORCY *BY | 691 G | 96 | | 11H010977 | RAINMAN | 772 G | 87 | | 11H010909 | VITTEK | 6.6 G | 79 | |
| 99-N | 1H010218 | DENIM | 708 G | 89 | 99-I | 203H01470 | DION | 919 G | 71 | | 151H0569 | PAVTHEWAY | 689 G | 85 | | 11H010831 | DISCUS | 765 G | 88 | | 76H0640 | BARNABY | 6.6 G | 74 | |
| | 200H02698 | SUPERSONIC | 706 G | 82 | 99-I | 11H011437 | SPRING | 919 G | 70 | 99-N | 1H08784 | FREDDIE | 688 G | 99 | | 29H014311 | ORVILLE | 763 G | 90 | | 6H01124 | TYCOON-RED | 6.4 G | 90 | |
| | 7H010700 | MAUSER | 704 G | 90 | 99-N | 151H0695 | DRAMA | 918 G | 70 | 98-I | 29H014828 | MYRLE | 688 G | 87 | | 1H010411 | MASS | 758 G | 78 | 98-I | 14H06090 | BOWSER | 6.3 G | 93 | |
| | 29H014142 | DORCY *BY | 702 G | 96 | 99-N | 7H012233 | ADMIRAL | 914 G | 70 | | 29H014684 | GALLON | 686 G | 91 | | 29H013664 | LEVI | 756 G | 93 | | 11H011022 | SONIC | 6.3 G | 77 | |
| | 202H0767 | PIONEER | 702 G | 83 | 99-N | 29H017516 | ALFALFA | 914 G | 70 | 99-I | 7H010721 | BOOKEM | 683 G | 94 | | 29H014947 | PEACE | 751 G | 85 | | 29H015534 | GONZO | 6.3 G | 76 | |
| 99-N | 7H010848 | GRAFEETI | 697 G | 89 | | 200H09136 | MUSCADET | 913 G | 71 | | 200H03753 | FACEBOOK | 682 G | 87 | 99-I | 29H014888 | POMPOSO | 746 G | 85 | | 29H014952 | PLYERS | 6.2 G | 80 | |
| | 11H011000 | SAMOA | 695 G | 89 | 99-N | 11H011449 | RSVP | 913 G | 69 | | 1H010085 | YANO | 678 G | 91 | | 180H03070 | ECOYNE | 746 G | 83 | | 99-I | 11H011017 | MODEL | 6.2 G | 76 |
| | 1H09527 | MASSEY | 694 G | 97 | 99-N | 180H086008 | INSIDER | 911 G | 71 | | 200H02698 | SUPERSONIC | 675 G | 82 | | 200H02698 | SUPERSONIC | 746 G | 82 | | | | Five bulls tied at 6.1 | | |
| 99-I | 29H014888 | POMPOSO | 686 G | 85 | | 76H0718 | STAMPEDE | 910 G | 70 | | | | | | | | | | | | | | | | |
| | 7H010849 | SHAMROCK | 685 G | 93 | | 1H011071 | LEADED | 910 G | 69 | | | | | | | | | | | | | | | | |
| | 11H010831 | DISCUS | 684 G | 88 | | 11H011389 | GENUITY | 909 G | 71 | | | | | | | | | | | | | | | | |
| 99-N | 1H010219 | JUNIOR | 684 G | 86 | | 151H0677 | MAGOO | 909 G | 70 | | | | | | | | | | | | | | | | |
| | 1H09167 | O-STYLE | 682 G | 99 | | 7H012246 | PACKER | 908 G | 71 | | | | | | | | | | | | | | | | |
| | 7H010297 | MCNUGGETS | 679 G | 92 | N/A | 1H011330 | DOMINATOR | 908 G | 70 | | | | | | | | | | | | | | | | |
| | 180H03070 | ECOYNE | 679 G | 83 | 99-I | 1H012024 | CRYPTONITE | 907 G | 70 | | | | | | | | | | | | | | | | |
| | 29H014684 | GALLON | 676 G | 91 | 99-I | 250H01127 | MAIN EVENT | 906 G | 71 | | | | | | | | | | | | | | | | |
| | 29H014821 | PAMPA | 674 G | 87 | 99-I | 151H0700 | FLAMER | 905 G | 70 | | | | | | | | | | | | | | | | |
| | 11H010909 | VITTEK | 673 G | 86 | | 14H07328 | MOOKIE | 901 G | 71 | | | | | | | | | | | | | | | | |
| | 200H0528 | JETT AIR | 669 G | 92 | | 7H012021 | PONDER | 901 G | 70 | | | | | | | | | | | | | | | | |
| | 7H010937 | FUTURE | 669 G | 87 | 99-I | 200H010049 | LOTTOMAX | 899 G | 70 | | | | | | | | | | | | | | | | |
| 99-N | 1H010241 | FITS | 667 G | 85 | 99-I | 29H017509 | OCTAVIAN | 898 G | 71 | | | | | | | | | | | | | | | | |
| | 11H010666 | DOM | 664 G | 90 | | 1H011528 | EMERALD | 897 G | 70 | | | | | | | | | | | | | | | | |
| | 1H010411 | MASS | 664 G | 78 | 99-I | 200H010088 | AVIATOR | 897 G | 69 | | | | | | | | | | | | | | | | |
| | 29H014311 | ORVILLE | 660 G | 90 | 99-I | 11H011425 | 1STCLASS | 895 G | 70 | | | | | | | | | | | | | | | | |
| | 11H010997 | PHONIC | 658 G | 86 | 99-I | 11H011479 | ROCKMAN | 894 G | 69 | | | | | | | | | | | | | | | | |
| | 7H010543 | THORNE | 657 G | 88 | 99-I | 203H01513 | DANTE | 894 G | 69 | | | | | | | | | | | | | | | | |
| | 29H014947 | PEACE | 653 G | 85 | | 14H07387 | ZYKE | 894 G | 69 | | | | | | | | | | | | | | | | |
| | 29H014968 | PLUMBER | 652 G | 85 | | 200H010003 | MYSAPACE | 892 G | 71 | | | | | | | | | | | | | | | | |
| | 1H010069 | RED-OAK | 651 G | 93 | | 200H03950 | BOMBERO | 888 G | 70 | | | | | | | | | | | | | | | | |
| 99-N | 1H09853 | SOBIESKI | 650 G | 89 | 99-I | 14H07349 | FAIRFAX | 887 G | 70 | | | | | | | | | | | | | | | | |
| | 29H014511 | STOWE | 649 G | 88 | 99-I | 7H012322 | DELFINO | 886 G | 70 | | | | | | | | | | | | | | | | |
| 99-I | 198H0192 | KARAVAGGIO | 648 G | 80 | 99-I | 147H02462 | MISSOURI | 886 G | 70 | | | | | | | | | | | | | | | | |
| | 7H010679 | KID | 646 G | 90 | 99-I | 7H012242 | PLUTO | 885 G | 72 | | | | | | | | | | | | | | | | |
| | | | | | | Four bulls tied at 882 | | | | | | | | | | | | | | | | | | | |

M = MACE G = Genomic tested *RC = Red Carrier *CV = CVM Carrier P = Polled *BL = BLAD Carrier *BY = Brachyspina Carrier N/A = RHA status has not been reported to Holstein USA
 * In order for Holsteins to appear on lists, all bulls must be in the Top 40 percentile for Net Merit. All Holsteins come from 100 percent Registered Holstein Ancestry (RHA) unless noted.

HOARD'S DAIRYMAN BULL LIST

Holstein Top Bulls — August 2014 Sire Summaries

| Top 25 Ranked by Udders* | | | | Top 25 Ranked by Feet and Legs* | | | | Top 25 Ranked by Somatic Cell* | | | | Top 25 Sires for Pregnancy Rate* | | | | Top 25 Sires for Sire Calving Ease* | | | | | | | |
|------------------------------|-----------------|-----------|--------|-------------------------------------|----------------|-------------|--------|------------------------------------|---------------|--------------|---------|----------------------------------|------------|------------|-----------|-------------------------------------|------------|------------|--------------|-------------|-----------|-------|----|
| NAAB | Name | UDC | Rel. | NAAB | Name | F & L | Rel. | NAAB | Name | SCS | Rel. | NAAB | Name | DPR | Rel. | NAAB | Name | Sire CE | Rel. | | | | |
| 7H010228 | GULF *BY | 3.51 G | 93 | 29H014142 | DORCY *BY | 3.04 G | 98 | 7H010429 | MONTNEY | 2.42 G | 89 | 29H014544 | DARE | 3.7 G | 81 | 200H00402 | MANIFOLD | 3.6 G | 99 | | | | |
| 29H014142 | DORCY *BY | 3.33 G | 98 | 14H06098 | WHITELIGHTNING | 2.97 G | 93 | 249H045909 | TORLAN | 2.45 | 82 | 29H014477 | DANGER | 3.7 G | 80 | 98-I | 29H013566 | HOWARD | 3.9 G | 99 | | | |
| 7H010272 | FORK | 3.26 G | 95 | 200H0528 | JETT AIR | 2.95 G | 95 | 11H011022 | SONIC | 2.47 G | 80 | 14H06090 | BOWSER | 3.3 G | 96 | 98-I | 11H010930 | TYSON | 4.0 G | 99 | | | |
| 7H010606 | OBSERVER | 3.15 G | 99 | 14H05936 | DOM *BY | 2.92 G | 94 | 536H0355 | PERFORMER | 2.48 G | 90 | 99-I | 29H014288 | HADDY | 3.3 G | 83 | 11H010986 | OSWALT | 4.2 G | 94 | | | |
| 29H016090 | LARGE | 3.08 G | 82 | 14H06301 | ROK | 2.90 G | 93 | 204H01705 | LEIF | 2.49 G | 96 | 7H010582 | PAUL | 3.2 G | 89 | 14H06132 | DIGGER | 4.3 G | 99 | | | | |
| 11H010661 | METEOR | 3.01 G | 97 | 7H010947 | INSPECT | 2.78 G | 91 | 566H0491 | HOTSHOT | 2.49 G | 83 | 96-N | 11H010566 | MADISON | 3.1 G | 85 | 14H06429 | MAN-O-MAN2 | 4.7 G | 99 | | | |
| 7H010723 | SPUR | 3.00 G | 93 | 250H0933 | ESCALADE | 2.71 G | 93 | 7H010624 | TEMPO | 2.51 G | 96 | 14H06239 | PLUTO | 3.0 G | 82 | 29H011993 | FOCUS *BY | 4.7 G | 99 | | | | |
| 11H010883 | PORTER | 2.77 G | 93 | 536H0355 | PERFORMER | 2.70 G | 88 | 6H01124 | TYCOON-RED | 2.51 | 96 | 11H011060 | AGOSTO | 3.0 G | 74 | 536H0353 | MEMPHIS | 4.7 G | 89 | | | | |
| 29H014592 | HOWIE | 2.77 G | 92 | 147H02420 | CAMERON | 2.70 G | 78 | 29H014311 | ORVILLE | 2.51 G | 90 | 29H014335 | TWIST | 2.9 G | 86 | 99-I | 180H077380 | ENJEU | 4.7 G | 73 | | | |
| 99-N | 7H010848 | GRAFEETI | 2.75 G | 92 | 14H04645 | REALITY-RED | 2.66 | 99 | 29H013343 | GABLES | 2.52 G | 96 | 14H06301 | ROK | 2.9 G | 81 | 11H010908 | FAIRWAY | 4.8 G | 99 | | | |
| 147H02420 | CAMERON | 2.69 G | 78 | 98-I | 29H014196 | MACHINE | 2.63 G | 91 | 99-I | 29H014888 | POMPOSO | 2.52 G | 84 | 99-N | 1H010218 | DENIM | 2.9 G | 76 | 29H013664 | LEVI | 4.8 G | 99 | |
| 14H06132 | DIGGER | 2.65 G | 98 | 147H02259 | SHOTTBOLT | 2.59 G | 91 | 11H010900 | BACCAL | 2.52 G | 80 | 99-N | 1H08784 | FREDDIE | 2.8 G | 99 | 11H010662 | JUPITER | 4.8 G | 99 | | | |
| 200H0560 | IMPRESSION | 2.65 G | 95 | 7H010884 | AVERY | 2.56 G | 93 | 11H011040 | SUPERB | 2.52 G | 80 | 29H011993 | FOCUS *BY | 2.8 G | 96 | 14H05016 | WILK | 4.8 G | 99 | | | | |
| 11H010985 | CRASHER | 2.64 G | 77 | 99-N | 7H010848 | GRAFEETI | 2.56 G | 92 | 7H010297 | MCNUGGETS | 2.53 G | 94 | 6H01152 | ZADE | 2.8 | 95 | 180H03093 | ELVYS | 4.8 G | 79 | | | |
| 1H010297 | CHAP | 2.58 G | 85 | 29H014592 | HOWIE | 2.54 G | 92 | 11H011027 | KOOL | 2.53 G | 85 | 29H014684 | GALLON | 2.8 G | 87 | 96-N | 11H010566 | MADISON | 4.9 G | 99 | | | |
| 11H011027 | KOOL | 2.57 G | 83 | 200H06036 | KAMIK | 2.51 G | 94 | 1H09527 | MASSEY | 2.55 G | 98 | 81-I | 246H0820 | S ROSS | 2.8 G | 85 | 200H0528 | JETT AIR | 5.0 G | 99 | | | |
| 14H05936 | DOM *BY | 2.51 G | 94 | 99-N | 29H014976 | FRANCHISE | 2.48 G | 89 | 14H06132 | DIGGER | 2.55 G | 97 | 98-I | 1H02747 | MAYHEM | 2.8 G | 83 | 7H09989 | MOSEBY | 5.0 G | 99 | | |
| 99-I | 11H010519 | MARAUDER | 2.50 G | 96 | 99-N | 1H010254 | LEBRON | 2.45 G | 85 | 29H014335 | TWIST | 2.55 G | 93 | 99-N | 1H09853 | SOBIESKI | 2.8 G | 80 | 1H02789 | SASON | 5.0 G | 99 | |
| 250H0933 | ESCALADE | 2.49 G | 93 | 99-N | 1H08784 | FREDDIE | 2.44 G | 99 | 11H011000 | SAMOA | 2.55 G | 91 | 29H014947 | PEACE | 2.8 G | 76 | 1H010085 | YANO | 5.1 G | 99 | | | |
| 14H06312 | TRUMPET | 2.48 G | 93 | 11H010469 | EXACTER | 2.43 G | 96 | 11H010988 | ELVIS | 2.55 G | 87 | 11H010993 | RANGER | 2.8 G | 75 | 99-N | 1H09853 | SOBIESKI | 5.1 G | 99 | | | |
| 99-N | 29H014948 | NAVARRO | 2.47 G | 86 | 566H01199 | CAMBRIDGE | 2.41 G | 92 | 11H010909 | VITTEK | 2.55 G | 86 | 29H011614 | JEEVES | 2.7 G | 99 | 7H010690 | PLAN | 5.1 G | 99 | | | |
| 29H014802 | JETTIE | 2.46 G | 92 | 7H010895 | BANCO | 2.41 G | 90 | 7H010272 | FORK | 2.56 G | 96 | 6H01124 | TYCOON-RED | 2.7 | 90 | 14H04916 | JAKE | 5.1 G | 99 | | | | |
| 200H06253 | LOVERTOP | 2.45 G | 84 | 147H02303 | JACKSON | 2.41 G | 82 | 7H010895 | BANCO | 2.56 G | 85 | 1H08778 | SUPER | 2.6 G | 99 | 99-I | 14H05359 | CARS | 5.1 G | 99 | | | |
| 151H0562 | MAGNA-P *RC *BY | 2.43 G | 95 | 7H010433 | SUBRARO | 2.39 G | 93 | Six bulls tied at 2.57 | | | | 11H011017 | MODEL | 2.6 G | 73 | 98-I | 29H014626 | SETH | 5.1 G | 91 | | | |
| 11H010469 | EXACTER | 2.41 G | 96 | 29H014062 | GILLESPI *BY | 2.39 G | 92 | | | | | Three bulls tied at 2.5 | | | 29H014961 | ARMITAGE | 5.2 G | 99 | | | | | |
| 180H03068 | EHMAN | 2.41 G | 84 | | | | | | | | | | | | 29H014952 | PLYERS | 5.2 G | 94 | | | | | |
| Top 25 Genomic-only, Udders* | | | | Top 25 Genomic-only, Feet and Legs* | | | | Top 25 Genomic-only, Somatic Cell* | | | | Top 25 Genomic-only, DPR* | | | | Top 25 Genomic-only, for Sire CE* | | | | | | | |
| NAAB | Name | UDC | Rel. | NAAB | Name | F & L | Rel. | NAAB | Name | SCS | Rel. | NAAB | Name | DPR | Rel. | NAAB | Name | Sire CE | Rel. | | | | |
| 11H011425 | 1STCLASS | 4.14 G | 74 | 99-N | 180H086008 | INSIDER | 3.92 G | 72 | 14H07281 | ICEBERG | 2.26 G | 72 | 99-I | 506H0247 | FROGGY | 4.1 G | 70 | 180H03157 | HOLVAL ISY | 3.4 G | 60 | | |
| 80H06052 | HIGH OCTANE | 4.00 G | 73 | 99-I | 179H099 | MCGUCCI *RC | 3.78 G | 75 | 1H011200 | LOMBARDI | 2.27 G | 74 | 99-I | 29H016925 | LARGESS | 4.1 G | 66 | 7H011283 | MAYFIELD | 3.6 G | 99 | | |
| 99-I | 200H010085 | DIVO | 3.96 G | 73 | 200H06591 | EUPHORIC | 3.58 G | 72 | 99-I | 11H011232 | ANTRIM | 2.30 G | 72 | 1H010133 | RADISSON | 3.9 G | 70 | 99-I | 11H011206 | ELLIOT | 4.2 G | 97 | |
| 200H010092 | SILVER | 3.93 G | 74 | 200H03933 | MAKEMORE | 3.55 G | 75 | 11H011449 | RSVP | 2.33 G | 70 | 99-I | 1H011018 | QUAERO | 3.8 G | 69 | 99-I | 11H011116 | BOWIE | 4.2 G | 96 | | |
| 288H0139 | BRENDY | 3.92 G | 76 | 7H011926 | DEFENDER | 3.42 G | 74 | 566H01182 | PLUTARCHO | 2.35 G | 73 | 1H011889 | AVENGER | 3.8 G | 66 | 151H0666 | EZRA | 4.3 G | 59 | | | | |
| 250H01123 | MOTIVATOR | 3.89 G | 73 | 534H017 | DELTA | 3.37 G | 76 | 7H012008 | HALOGEN | 2.36 G | 71 | 99-N | 29H016690 | SANTOR | 3.7 G | 68 | 99-N | 1H010837 | FLYN | 4.5 G | 97 | | |
| 7H012139 | PETY | 3.84 G | 73 | 99-I | 147H02472 | KOBRA | 3.37 G | 73 | 151H0685 | SHEEN | 2.36 G | 70 | 7H012008 | HALOGEN | 3.7 G | 67 | 99-I | 29H016593 | ALPHABET | 4.5 G | 95 | | |
| 97H041224 | ART | 3.78 G | 71 | 7H012353 | BEEEMER | 3.34 G | 74 | 147H02461 | E. STAR-P *RC | 2.38 G | 71 | 99-I | 147H02445 | ALBATROSS | 3.7 G | 66 | 7H012115 | DECEIVER | 4.5 G | 60 | | | |
| 200H06610 | SNOWY | 3.73 G | 72 | 99-I | 1H011511 | TAMPA | 3.30 G | 73 | 1H011215 | LADYSMAN | 2.39 G | 74 | 99-I | 147H02453 | WOLFGANG | 3.6 G | 69 | 147H02453 | WINTERSLEEP | 4.5 G | 60 | | |
| 200H06642 | INTEGRAL *RC | 3.71 G | 73 | 147H02436 | YODA | 3.29 G | 76 | 99-I | 11H011278 | JOHNSON *CV | 2.39 G | 73 | 99-I | 11H011116 | BOWIE | 3.6 G | 68 | 99-I | 11H011151 | STACKED *BY | 4.6 G | 99 | |
| 94H0895 | ADDICTION-P-RED | 3.71 G | 72 | N/A | 224H03002 | PARAMOUNT | 3.27 G | 72 | 566H01215 | BLAKE | 2.39 G | 71 | 7H012021 | PONDER | 3.6 G | 65 | 99-I | 200H07471 | MERCHANDISE | 4.6 G | 85 | | |
| 99-I | 200H010012 | CONTEXT | 3.70 G | 74 | N/A | 224H02551 | ELMO | 3.26 G | 77 | 11H011421 | MATT | 2.40 G | 71 | 99-N | 1H010883 | CALICO | 3.5 G | 68 | 99-I | 1H010396 | CABRIOLET | 4.7 G | 98 |
| 7H011926 | DEFENDER | 3.68 G | 74 | 29H017503 | MERRICK | 3.26 G | 74 | 14H07292 | COTTY | 2.41 G | 72 | 99-I | 200H02955 | NADEEM *RC | 3.5 G | 65 | 97H040527 | HERBST | 4.7 G | 73 | | | |
| 200H03995 | DAUNTLESS | 3.68 G | 73 | 200H06587 | CAVIAR | 3.26 G | 73 | 534H030 | SALSARC | 2.41 G | 69 | 99-I | 11H011317 | ARMANI | 3.4 G | 68 | 99-I | 200H010001 | SIGNATURE | 4.7 G | 60 | | |
| 99-I | 97H041118 | REGAN *BY | 3.67 G | 71 | 200H09135 | LAUNCH | 3.24 G | 73 | 99-I | 11H011274 | JACKMAN | 2.42 G | 73 | N/A | 543H028 | JUDO | 3.3 G | 70 | 180H03158 | HARVAL ISY | 4.7 G | 60 | |
| 534H030 | SALSARC | 3.64 G | 72 | 534H026 | GOLDDUST | 3.23 G | 74 | 11H011336 | ASHER | 2.42 G | 72 | 99-I | 11H011112 | STEWART | 3.3 G | 70 | 98-I | 97H041193 | P.PLAP *RC | 4.7 G | 56 | | |
| 11H011118 | CEO | 3.63 G | 77 | 11H011139 | AGENCY | 3.19 G | 75 | 99-N | 180H086008 | INSIDER | 2.42 G | 71 | 11H011389 | GENUITY | 3.3 G | 66 | 200H03883 | ANCHOR | 4.8 G | 76 | | | |
| 14H07337 | CHOPS | 3.63 G | 73 | 250H01123 | MOTIVATOR | 3.18 G | 73 | N/A | 543H021 | SILVER GHOST | 2.42 G | 70 | 1H011032 | MY WAY | 3.3 G | 65 | 1H011215 | LADYSMAN | 4.8 G | 61 | | | |
| 11H011327 | 5G | 3.61 G | 74 | 99-I | 1H011863 | RENEGADE | 3.16 G | 73 | 200H06569 | RHUM | 2.42 G | 70 | 29H016998 | MAYCO | 3.2 G | 66 | 11H011446 | PITA | 4.8 G | 59 | | | |
| 7H012353 | BEEEMER | 3.60 G | 74 | 99-I | 14H07381 | BARKLEY | 3.15 G | 73 | 99-I | 11H011479 | ROCKMAN | 2.42 G | 69 | 11H011439 | SAINT | 3.2 G | 66 | 11H011154 | HALEY *BY | 4.9 G | 98 | | |
| 138H05307 | CHAMP-P*RC*CV | 3.59 G | 73 | 7H011703 | ARMANI *RC | 3.14 G | 78 | 250H01123 | MOTIVATOR | 2.43 G | 71 | 99-N | 1H010890 | ADRIAN | 3.1 G | 67 | 7H011700 | MOONRAY | 5.0 G | 95 | | | |
| 11H011409 | HULK | 3.57 G | 72 | 99-N | 180H03147 | GRATH ISY | 3.14 G | 78 | 151H0696 | DOZER | 2.43 G | 70 | 99-I | 566H01195 | REDEAM | 3.1 G | 66 | 200H03795 | DESTINED *RC | 5.0 G | 95 | | |
| 7H012351 | CARNEY | 3.56 G | 74 | 151H0697 | SENDER 8136 | 3.13 G | 73 | 29H016858 | MITCHUM | 2.43 G | 70 | 151H0691 | DAX 8020 | 3.1 G | 65 | 14H07292 | COTTY | 5.0 G | 59 | | | | |
| 29H017503 | MERRICK | 3.56 G | 74 | 200H07781 | TAKOR | 3.13 G | 73 | 11H011386 | AWARE | 2.44 G | 72 | Twelve bulls tied at 3.0 | | | | | | | | | | | |
| 99-I | 29H016955 | MONTEREY | 3.53 G | 74 | 14H07337 | CHOPS | 3.12 G | 73 | 1H011316 | GEMSTONE | 2.44 G | 70 | | | | | | | | | | | |
| 200H03949 | OLYMPIAN *RC | 3.53 G | 72 | | | | | 93-I | 180H084198 | HERIVIA | 2.44 G | 70 | | | | | | | | | | | |

* In order for Holsteins to appear on lists, all bulls (progeny tested and genomic) must be in the Top 40 percentile for Net Merit. All Holsteins come from 100 percent Registered Holstein Ancestry (RHA) unless noted.

Jersey Top Bulls

Brown Swiss Top PPR Bulls

Top 25 Ranked by Net Merit \$

| NAAB | Name | NM\$ | Rel. |
|-----------|-------------|-------|------|
| 29JE3762 | VOLCANO | 650 G | 78 |
| 236JE153 | LURE | 634 | 66 |
| 523JE927 | MAGNUM | 631 G | 89 |
| 29JE3761 | VISIONARY | 598 G | 81 |
| 200JE73 | MAXWELL *GR | 524 G | 75 |
| 29JE3752 | CHART | 503 G | 81 |
| 7JE1082 | HEART *GR | 493 G | 81 |
| 200JE60 | RENEGADE | 492 G | 96 |
| 11JE1098 | CRITIC-P | 490 G | 84 |
| 7JE1046 | ZIPPER | 486 G | 84 |
| 200JE485 | VAUGHN | 483 G | 83 |
| 29JE3624 | VERNON | 481 G | 86 |
| 200JE477 | JOKER | 479 G | 82 |
| 29JE3702 | VERTEX *GR | 468 G | 85 |
| 1JE700 | LEXICON | 460 G | 90 |
| 29JE3642 | GATSBY *GR | 454 G | 84 |
| 29JE3678 | BLADE | 451 G | 89 |
| 7JE1038 | VALENTINO | 450 G | 96 |
| 1JE768 | HENDRIX | 447 G | 88 |
| 29JE3615 | JUPITER | 443 G | 88 |
| 1JE711 | PLUS | 442 G | 96 |
| 14JE555 | ROY | 431 G | 86 |
| 147JE6186 | BANKER *GR | 428 G | 73 |
| 147JE6198 | ARRIVAL | 415 G | 74 |
| 7JE1036 | PAT | 412 G | 86 |

Top 25 Ranked by JPI

| NAAB | Name | JPI |
|----------|-------------|-------|
| 29JE3762 | VOLCANO | 265 G |
| 29JE3761 | VISIONARY | 249 G |
| 523JE927 | MAGNUM | 225 G |
| 7JE1067 | GOLDA | 220 G |
| 7JE1038 | VALENTINO | 207 G |
| 1JE711 | PLUS | 207 G |
| 7JE1082 | HEART *GR | 207 G |
| 29JE3702 | VERTEX *GR | 205 G |
| 236JE153 | LURE | 204 |
| 7JE1046 | ZIPPER | 203 G |
| 200JE73 | MAXWELL *GR | 198 G |
| 29JE3615 | JUPITER | 197 G |
| 200JE477 | JOKER | 197 G |
| 29JE3624 | VERNON | 196 G |
| 200JE485 | VAUGHN | 195 G |
| 11JE1098 | CRITIC-P | 194 G |
| 29JE3642 | GATSBY *GR | 189 G |
| 1JE672 | GOOSE *PR | 184 G |
| 1JE700 | LEXICON | 184 G |
| 29JE3678 | BLADE | 184 G |
| 14JE533 | VITO | 180 G |
| 29JE3646 | VANCE | 174 G |
| 11JE1091 | VOLTAGE | 170 G |
| 200JE60 | RENEGADE | 168 G |
| 14JE544 | DAZZLE | 166 G |

Top 25 Genomic-only, by Net Merit \$

| NAAB | Name | NM\$ | Rel. |
|-----------|---------------|-------|------|
| 29JE3866 | HARRIS | 703 G | 61 |
| 200JE1007 | MACKENZIE | 671 G | 61 |
| 1JE792 | MACHETE | 670 G | 65 |
| 1JE882 | FORMIDABLE | 665 G | 61 |
| 29JE3915 | HECTOR | 663 G | 62 |
| 14JE668 | PIERO | 653 G | 57 |
| 14JE652 | MARLO *GR | 642 G | 56 |
| 29JE3860 | PILGRIM | 620 G | 65 |
| 29JE3867 | CHILI | 620 G | 63 |
| 1JE874 | MATCH | 620 G | 59 |
| 1JE889 | PROP JOE | 619 G | 59 |
| 1JE892 | VANDRELL *GR | 607 G | 51 |
| 14JE630 | JUMBO | 605 G | 58 |
| 29JE3891 | PREMIUM | 599 G | 64 |
| 7JE1350 | CALYPSO | 597 G | 61 |
| 7JE1274 | AXIS | 594 G | 67 |
| 29JE3858 | VIGILANCE | 588 G | 66 |
| 1JE846 | CHUCK | 588 G | 65 |
| 7JE5007 | TRANSFORMER | 587 G | 58 |
| 535JE50 | BARKSDALE *GR | 587 G | 46 |
| 11JE1200 | TYBO | 586 G | 59 |
| 11JE1195 | MALACHI | 584 G | 62 |
| 14JE611 | AMAZING | 582 G | 63 |
| 29JE3943 | PABLO | 582 G | 61 |
| 1JE891 | TODD *GR | 580 G | 44 |

Top 25 Genomic-only, JPI

| NAAB | Name | JPI |
|-----------|---------------|-------|
| 29JE3866 | HARRIS | 283 G |
| 7JE1376 | CHARLEMAGNE | 272 G |
| 1JE882 | FORMIDABLE | 264 G |
| 29JE3915 | HECTOR | 259 G |
| 200JE1007 | MACKENZIE | 259 G |
| 14JE648 | LEONEL | 258 G |
| 1JE891 | TODD *GR | 256 G |
| 14JE652 | MARLO *GR | 255 G |
| 1JE892 | VANDRELL *GR | 251 G |
| 11JE1200 | TYBO | 248 G |
| 14JE630 | JUMBO | 248 G |
| 29JE3867 | CHILI | 247 G |
| 11JE1117 | MARCIN | 245 G |
| 200JE910 | CLEARVISION | 244 G |
| 535JE50 | BARKSDALE *GR | 244 G |
| 1JE792 | MACHETE | 242 G |
| 29JE3895 | VERRILL | 241 G |
| 14JE663 | GARY | 241 G |
| 1JE874 | MATCH | 241 G |
| 29JE3902 | CULMINATE | 241 G |
| 7JE1274 | AXIS | 240 G |
| 200JE241 | GENOMINATOR | 240 G |
| 1JE889 | PROP JOE | 240 G |
| 1JE870 | GAVIN | 239 G |
| 7JE1350 | CALYPSO | 239 G |

Production-related PTAs

| Name of Bull | NAAB Code | Selection Indexes | | | | Production-related PTAs | | | | | | | Type Data | | | |
|--|-----------|-------------------|------|------|-----|-------------------------|--------|-------|--------|-------|------|------|-----------|------|------|----|
| | | NM\$ | Rel. | CM\$ | PPR | lbs. M | lbs. P | %P | lbs. F | %F | Rel. | SCS | PL | PTAT | Rel. | |
| TOP 10 BROWN SWISS BULLS WITH MILKING DAUGHTERS, RANKED BY NET MERIT | | | | | | | | | | | | | | | | |
| VERSACE ET | 76BS9017 | 509 | 72 | 655 | 199 | 273 | 40 | 0.14 | 38 | 0.12 | 80 | 2.76 | 4.3 | G | -0.2 | 69 |
| HARTS THUNDER | 203BS1137 | 412 | 70 | 414 | 187 | 1495 | 44 | -0.02 | 40 | -0.09 | 78 | 2.98 | 2.9 | G | 0.8 | 78 |
| OAK VIEW ZEUS AUGUST | 7BS826 | 437 | 79 | 469 | 180 | 862 | 28 | 0.00 | 45 | 0.05 | 90 | 2.63 | 3.0 | G | 0.8 | 82 |
| PAYSSLI ET | 504BS51 | 333 | 77 | 375 | 166 | 1011 | 37 | 0.02 | 34 | -0.02 | 83 | 2.82 | 0.9 | G | 0.5 | 76 |
| COZY NOOK BEAMER TORCH | 54BS437 | 401 | 81 | 479 | 162 | 554 | 35 | 0.08 | 42 | 0.09 | 91 | 2.99 | 2.2 | G | 0.2 | 88 |
| R N R PAYOFF BROOKINGS ET | 54BS438 | 375 | 85 | 461 | 162 | 409 | 29 | 0.07 | 32 | 0.07 | 96 | 2.73 | 1.7 | G | 0.8 | 94 |
| VICTORY ACRES VIGR POKER ET | 1BS586 | 402 | 66 | 414 | 159 | 990 | 30 | -0.01 | 25 | -0.06 | 75 | 2.89 | 4.1 | G | 0.6 | 64 |
| HILLTOP ACRES DOMINATOR | 54BS483 | 256 | 65 | 256 | 159 | 1365 | 38 | -0.03 | 27 | -0.12 | 73 | 2.84 | 1.4 | G | 0.6 | 64 |
| R HART FAIR HILL ADAPTIC | 76BS914 | 258 | 69 | 303 | 153 | 917 | 39 | 0.04 | 63 | 0.12 | 77 | 3.07 | -0.7 | G | 0.5 | 69 |
| NORTH LANES VIGOR PARSON ET | 203BS1124 | 342 | 66 | 412 | 148 | 534 | 30 | 0.06 | 26 | 0.02 | 74 | 2.83 | 2.6 | G | 0.5 | 71 |
| TOP 10 BROWN SWISS BULLS WITH GENOMIC EVALUATIONS ONLY, RANKED BY NET MERIT | | | | | | | | | | | | | | | | |
| HILLTOP ACRES CP DUPONT TWIN | 54BS537 | 516 | 50 | 558 | 243 | 1469 | 51 | 0.01 | 62 | 0.01 | 55 | 2.84 | 3.3 | G | 0.8 | 56 |
| VICTORY ACRES GENOM CARTEL | 76BS918 | 521 | 53 | 550 | 240 | 1596 | 52 | 0.00 | 63 | 0.00 | 57 | 2.88 | 3.4 | G | 0.4 | 59 |
| SHILOH BROOKNGS CADENCE ET | 54BS509 | 525 | 56 | 592 | 227 | 979 | 41 | 0.04 | 50 | 0.05 | 61 | 2.67 | 4.0 | G | 1.1 | 61 |
| HILLTOP ACRES W DURHAM ET | 14BS367 | 427 | 60 | 495 | 222 | 1033 | 43 | 0.04 | 57 | 0.07 | 64 | 2.75 | 2.5 | G | 1.4 | 65 |
| SUNNY ACRES TRACE DEEGAN | 1BS595 | 497 | 54 | 571 | 220 | 835 | 40 | 0.06 | 56 | 0.10 | 60 | 2.82 | 4.2 | G | 1.2 | 58 |
| LIME ROCK SEASIDEBLOOM | 200BS303 | 476 | 56 | 510 | 219 | 1365 | 47 | 0.01 | 53 | -0.01 | 62 | 2.88 | 2.7 | G | 0.8 | 62 |
| JOBO WONDER BOSEPHUS ET | 7BS852 | 416 | 60 | 456 | 211 | 1121 | 39 | 0.01 | 61 | 0.07 | 64 | 2.70 | 2.1 | G | 1.4 | 65 |
| SHILOH JACKSON BRADY ET | 54BS535 | 503 | 51 | 498 | 208 | 1488 | 40 | -0.05 | 36 | -0.11 | 56 | 2.84 | 5.1 | G | 0.6 | 56 |
| SWITZER TALS DESI DELPHI TWIN | 54BS536 | 433 | 53 | 473 | 206 | 1262 | 45 | 0.02 | 48 | -0.02 | 58 | 2.88 | 2.3 | G | 0.8 | 59 |
| HILLTOP ACRES CT DAVENPORT ET | 54BS526 | 545 | 52 | 577 | 204 | 940 | 34 | 0.01 | 45 | 0.03 | 58 | 2.87 | 4.7 | G | 1.0 | 59 |

Red and White Top Net Merit Bulls

Production-related PTAs

| Name of Bull | NAAB Code | Selection Indexes | | | | Production-related PTAs | | | | | | | Type Data | | | |
|---|------------|-------------------|------|------|------|-------------------------|--------|-------|--------|-------|------|------|-----------|------|-------|----|
| | | NM\$ | Rel. | CM\$ | TPI | lbs. M | lbs. P | %P | lbs. F | %F | Rel. | SCS | PL | PTAT | Rel. | |
| TOP 5 RED AND WHITE BULLS WITH MILKING DAUGHTERS, RANKED BY NET MERIT | | | | | | | | | | | | | | | | |
| LOWLANDS REDMAN-RED | 97WW8983 | 516 | 68 | 664 | 1829 | -29 | 35 | 0.14 | 57 | 0.22 | 80 | 2.74 | 3.3 | M | 0.21 | 74 |
| FRITZ-PRIDE TYCOON-RED-ET | 6WW1124 | 475 | 94 | 430 | 1806 | 69 | -9 | -0.04 | 3 | 0.00 | 98 | 2.51 | 6.4 | | 0.74 | 94 |
| HURTGEN-VUE REALITY-RED | 14WW4645 | 462 | 97 | 534 | 1974 | -242 | 10 | 0.07 | 66 | 0.29 | 99 | 3.00 | 2.8 | M | 2.40 | 99 |
| LADINODALE AARON-RED-ET | 7WW10647 | 445 | 93 | 510 | 1940 | 17 | 16 | 0.06 | 23 | 0.09 | 98 | 3.00 | 3.7 | G | 2.01 | 97 |
| HEIHOEVE ARNOLD-RED | 97WW6014 | 429 | 82 | 542 | 1700 | -512 | 12 | 0.11 | 27 | 0.18 | 89 | 2.95 | 5.1 | | -0.92 | 84 |
| TOP 5 RED AND WHITE BULLS WITH GENOMIC EVALUATIONS ONLY, RANKED BY NET MERIT | | | | | | | | | | | | | | | | |
| SUNQUEST VH SHAGGY-RED-ET | 200WW10042 | 716 | 69 | 780 | 2214 | 715 | 32 | 0.04 | 50 | 0.09 | 73 | 2.66 | 6.5 | G | 2.21 | 73 |
| HASS-ACRES DISGUISE-RED-ET | 1WW11054 | 703 | 71 | 770 | 2164 | 1042 | 43 | 0.04 | 65 | 0.10 | 75 | 2.68 | 4.9 | G | 1.43 | 73 |
| CANVYGEN MRMIGHTY-RED | 200WW6626 | 659 | 69 | 671 | 2261 | 1873 | 55 | -0.01 | 57 | -0.05 | 74 | 2.81 | 4.1 | G | 2.72 | 72 |
| LIRR SPECIAL EFFECT P-RED-ET | 106WW2864 | 640 | 73 | 710 | 2097 | 244 | 18 | 0.04 | 38 | 0.12 | 76 | 2.54 | 6.8 | G | 1.80 | 76 |
| MORNINGVIEW ATTRACT-RED-ET | 200WW6541 | 616 | 70 | 657 | 2195 | 1708 | 55 | 0.01 | 23 | -0.15 | 75 | 2.66 | 5.4 | G | 2.49 | 73 |
| TOP 5 RED CARRIER BULLS WITH MILKING DAUGHTERS, RANKED BY NET MERIT | | | | | | | | | | | | | | | | |
| DELTA SCARLET *RC | 97WW8656 | 501 | 70 | 488 | 1826 | 2789 | 78 | -0.02 | 81 | -0.07 | 80 | 2.86 | 0.7 | M | -0.04 | 73 |
| ARRON DOON WEST PORT MAGNA-P *RC | 151WW562 | 454 | 91 | 485 | 1989 | 1030 | 35 | 0.01 | 46 | 0.03 | 97 | 2.75 | 3.1 | G | 2.13 | 95 |
| RONELEE SS DURABLE *RC | 7WW9107 | 447 | 96 | 435 | 1853 | 436 | 3 | -0.04 | 56 | 0.15 | 99 | 2.49 | 2.5 | G | 1.59 | 98 |
| CAMARY ISY *RC | 180WW2480 | 421 | 90 | 511 | 1857 | 645 | 34 | 0.05 | 38 | 0.05 | 97 | 2.45 | 1.6 | G | 1.12 | 91 |
| DELTA NEARBY *RC | 97WW7937 | 379 | 75 | 441 | 1622 | 320 | 24 | 0.06 | 39 | 0.10 | 84 | 2.66 | 2.6 | | -0.50 | 79 |
| TOP 5 RED CARRIER BULLS WITH GENOMIC EVALUATIONS ONLY, RANKED BY NET MERIT | | | | | | | | | | | | | | | | |
| RI-VAL-RE SALSA-ET *RC | 534WW30 | 809 | 69 | 872 | 2396 | 690 | 28 | 0.03 | 75 | 0.19 | 73 | 2.41 | 6.5 | G | 3.17 | 72 |
| LADY'S-MANOR OLYMPIAN *RC | 200WW3949 | 767 | 70 | 840 | 2459 | 1437 | 53 | 0.04 | 38 | -0.06 | 75 | 2.53 | 6.0 | G | 3.05 | 72 |
| CO-OP UPD SHMRCK PRIMUS-ET *RC | 1WW10852 | 765 | 74 | 813 | 2237 | 589 | 25 | 0.03 | 64 | 0.17 | 77 | 2.68 | 7.2 | G | 2.10 | 76 |
| KENMORE ALL DAY-ET *RC | 14WW7485 | 739 | 70 | 771 | 2327 | 1576 | 49 | 0.01 | 69 | 0.05 | 74 | 2.61 | 5.4 | G | 2.68 | 73 |
| JIMTOWN NADEEM-ET *RC | 200WW2955 | 729 | 71 | 802 | 2303 | 604 | 29 | 0.04 | 39 | 0.07 | 75 | 2.50 | 7.0 | G | 2.53 | 73 |

*PR=Second generation grade-up Jersey *GR=Third generation grade-up Jersey *RC=Red Carrier P=Polled G=Genomic tested M=MACE

Explanation of the headings . . .

| Name of Bull | NAAB Code | Sample Code | Selection Indexes | | | | Milk, Protein and Fat | | | | Type Data | | | |
|--------------|-----------|-------------|-------------------|------|------|------|-----------------------|--------|--------|----|-----------|----|------|-----|
| | | | NM\$ | Rel. | CM\$ | FM\$ | TPI | lbs. M | lbs. P | %P | lbs. F | %F | Rel. | UDC |

NAME OF BULL — Bull's registered name.

NAAB CODE — A three-part code. A number before the letter either indicates the stud code or marketing code number. Please see www.naab-css.org/membership/coding.html for a complete explanation. The letters indicate breed, the number following the letters is individual bull identification number.

LIFETIME NET MERIT - NM\$ — Combines PTAs for 9 traits in Holsteins and Brown Swiss. In the other breeds, 8 traits are used because there is no calving ability index available. The values go up slightly for each trait in those four breeds. The index gives the following weighting for Holsteins and Brown Swiss: Productive Life, 22; Fat, 19; Protein, 16; Daughter Pregnancy Rate, 11; Somatic Cell Score, -10; Udder, 7; Body Size, -6; Calving Ability, 5; and Feet and Legs, 4.

CHEESE MERIT - CM\$ — Combines PTAs for 10 traits in Holsteins and Brown Swiss. In the other breeds, 9 traits are used because there is no calving ability index available. The values go up 1.04 for each trait in those four breeds. The index gives the following weighting for Holsteins and Brown Swiss: Protein, 25; Productive Life, 15; Milk, -15; Fat, 13; Somatic Cell Score, -9; Daughter Pregnancy Rate, 8; Udder, 5; Body Size, -4; Calving Ability, 3; and Feet and Legs, 3.

FLUID MERIT - FM\$ — Combines PTAs for 9 traits in Holsteins and Brown Swiss. In the other breeds, 8 traits are used because there is no calving ability index. The values go up 1.06 for each trait in those four breeds. The index gives the following weighting for Holsteins and Brown Swiss: Productive Life, 22; Fat, 20; Milk, 19; Daughter Pregnancy Rate, 12; Udder, 7; Somatic Cell Score, -5; Calving Ability, 5; Body Size, -6; and Feet and Legs, 4.

REL. — Reliability indicates the accuracy of genetic evaluations. Reliabilities are expressed as percents and range from 1 to 99. The closer Reliability is to 99, the more reliable the Predicted Transmitting Abilities (PTAs).

TPI Holsteins — Total Performance Index is a value which is determined by placing an emphasis on production and type. The weighting for this index is 27 PTA Protein, 16 for PTA Fat, 12 Udder Composite, 11 Daughter Pregnancy Rate, 10 PTA Type, 9 PTA PL, 6 Foot and Leg Composite, minus 5 PTA SCS, minus 2 Daughter Calving Ease, minus 1 PTA Dairy Form and minus 1 Daughter Stillbirth.

JPI Jerseys — Jersey Performance Index is a value that is determined by placing an emphasis of 42 for PTA Protein; 15 for PTA Fat; 15 for FTI (Functional Trait Index); and 12 for PTA PL (Productive Life), 10 for PTA DPR (Daughter Pregnancy Rate), and minus 6 for PTA SCS

(Somatic Cell Score). **PPR Brown Swiss** — The Progressive Performance Ranking (PPR) is calculated with an emphasis of 44 for PTA Protein, 18 for PTA Fat, 12 PL, 10 Udder Composite, minus 8 PTA SCS, 4 DPR and 4 for Foot and Leg Composite. **PTI Ayrshires and Milking Shorthorns** — Determined by placing an emphasis of 4 for PTA Pounds of Protein, 2 for PTA Pounds of Fat, and 1 for PTA Type. **PTI Guernseys** — Computed with a weighting of 5 for PTA Protein, 1 for PTA Fat, and 1 for FHL (Functional Herd Life).

PTA LBS. P, %P, LBS. M, LBS. F, AND %F — PTAs for pounds protein, percent protein, pounds milk, pounds fat, and percent fat indicate how much more (or less) "performance" to expect from an average daughter of bull compared to a average daughter of another bull with a proof of zero. The genetic base, called PTA 05, was selected so half the cow population will have positive PTAs. It was established by setting to zero the weighted average PTAs of all cows born in 2005.

PTA SCS — Predicted Transmitting Ability-Somatic Cell Score is expressed in somatic cell score units. For somatic cell score, lower units are better. Research has shown that the lowest incidence of clinical mastitis and the fewest number of mastitis episodes occurred among daughters of bulls with the lowest PTA-SCS, and the mastitis measures increased with increasing PTA-SCS. A one-point increase in the sire's PTA-SCS was associated with a 75 percent increase in daughter's mastitis incidence in both first and second lactation.

PTA PL — Predicted Transmitting Ability-Productive Life is expressed in months a cow is in production. A higher PTA would result in a longer herd life.

UDC Holsteins — Udder Composite Score is a ranking of bulls based on ability for udder improvement. Weights for the various udder traits are: Udder Depth, 35 percent; Rear Udder Height, 16 percent; Fore Udder Attachment, 16 percent; Rear Udder Width, 12 percent; Udder Cleft, 9 percent; Rear Teat Placement, 7 percent, and Front Teat Placement, 5 percent.

F&L Holsteins — Feet and Leg Composite Score is a ranking of bulls based on ability for feet and leg improvement. Weights for the four traits are: Foot Angle, 24 percent; Rear Legs, Rear View, 18.5 percent; Rear Legs, Side View, 7.5 percent; and 50 percent Feet and Leg Breakdown.

CALVING EASE — Service sire calving ease is the tendency of calves from a particular sire to be born more easily (or more difficult) than an average calf. **Sire Still-birth** is the tendency of newborn calves sired by a particular bull when mated to heifers to be born dead or die within the first 48 hours after birth. Bulls with lower numbers sire more live calves.

Guernsey Top Net Merit Bulls

| Name of Bull | NAAB Code | Selection Indexes | | | Production-related PTAs | | | | | | Type Data | | | | |
|------------------------------------|-----------|-------------------|------|------|-------------------------|--------|--------|-------|--------|-------|-----------|------|-----|------|------|
| | | NM\$ | Rel. | CM\$ | PTI | lbs. M | lbs. P | %P | lbs. F | %F | Rel. | SCS | PL | PTAT | Rel. |
| SNIDERS RONALDS ALSTAR | 7GU398 | 452 | 84 | 407 | 151 | 1206 | 24 | -0.08 | 42 | -0.06 | 94 | 2.98 | 4.2 | 0.4 | 92 |
| PINE RIDGE DOUBLE L | 200GU109 | 440 | 82 | 420 | 93 | 117 | -2 | -0.03 | 36 | 0.18 | 92 | 2.68 | 5.3 | 1.7 | 84 |
| SPRING WALK SHERBERTS TORO | 1GU441 | 418 | 53 | 423 | 208 | 987 | 30 | -0.01 | 66 | 0.12 | 66 | 2.87 | 1.9 | 1.7 | 57 |
| ROZELYN GOLIATHS JONATHAN | 31GU621 | 411 | 58 | 446 | 43 | -397 | -3 | 0.06 | 27 | 0.27 | 72 | 2.70 | 5.0 | -0.4 | 59 |
| MARODORE AARONS LEVI | 7GU438 | 348 | 56 | 321 | 132 | 566 | 10 | -0.05 | 25 | 0.00 | 72 | 2.85 | 3.9 | 2.4 | 67 |
| JENS GOLD AARON COPPER | 14GU318 | 346 | 54 | 315 | 142 | 738 | 14 | -0.06 | 44 | 0.06 | 69 | 2.87 | 3.3 | 2.0 | 59 |
| LES JAONNETS CARA CONQUEROR | 31GU629 | 338 | 63 | 230 | 78 | 1109 | 6 | -0.16 | 53 | 0.02 | 73 | 2.72 | 2.9 | -0.3 | 14 |
| SPRINGHILL JUDGMENT | 200GU118 | 314 | 64 | 328 | 120 | -137 | 0 | 0.02 | 32 | 0.22 | 83 | 2.81 | 3.5 | 1.9 | 70 |
| KNAPPS CHALLENGE AMBITION | 31GU620 | 288 | 48 | 335 | 114 | 800 | 35 | 0.05 | 30 | -0.03 | 62 | 2.87 | 1.2 | 0.4 | 46 |
| JENS GOLD AARON CRUNCH | 7GU439 | 284 | 61 | 276 | 120 | 241 | 5 | -0.02 | 44 | 0.19 | 79 | 3.01 | 2.9 | 2.0 | 75 |

Ayrshire Top Net Merit Bulls

| Name of Bull | NAAB Code | Selection Indexes | | | Production-related PTAs | | | | | | Type Data | | | | |
|--|-----------|-------------------|------|------|-------------------------|--------|--------|-------|--------|-------|-----------|------|-------|------|------|
| | | NM\$ | Rel. | CM\$ | PTI | lbs. M | lbs. P | %P | lbs. F | %F | Rel. | SCS | PL | PTAT | Rel. |
| TOP 5 AYRSHIRE BULLS WITH MILKING DAUGHTERS, RANKED BY NET MERIT | | | | | | | | | | | | | | | |
| HAUTPRE KANSAS | 200AY643 | 546 | 75 | 608 | 575 | 1179 | 47 | 0.05 | 76 | 0.16 | 81 | 2.82 | 3.3 G | 0.3 | 63 |
| MAYO RF QUINNELLA | 190AY15 | 496 | 44 | 529 | 519 | 1273 | 45 | 0.03 | 76 | 0.14 | 59 | 2.98 | 2.6 | -1.3 | 11 |
| JELYCA OBLIQUE | 200AY329 | 487 | 86 | 508 | 534 | 742 | 25 | 0.01 | 56 | 0.15 | 92 | 2.86 | 4.3 G | 0.8 | 88 |
| VAN-DE ORKKO ORION | 1AY338 | 487 | 70 | 586 | 516 | 836 | 44 | 0.09 | 45 | 0.06 | 81 | 2.67 | 3.8 G | -0.4 | 58 |
| D'ALBANEL MARLOW-ET | 200AY687 | 483 | 71 | 484 | 512 | 893 | 23 | -0.02 | 33 | -0.01 | 78 | 2.76 | 5.0 G | 1.1 | 62 |
| TOP 5 AYRSHIRE BULLS WITH GENOMIC EVALUATIONS ONLY, RANKED BY NET MERIT | | | | | | | | | | | | | | | |
| 7 OAKS BURDETTE ALASKA | 76AY762 | 481 | 41 | 531 | 593 | 1290 | 48 | 0.03 | 63 | 0.07 | 44 | 2.86 | 2.1 G | 1.7 | 44 |
| LAGACE MORDICUS-ET | 200AY732 | 437 | 42 | 430 | 542 | 1455 | 40 | -0.03 | 62 | 0.02 | 46 | 2.97 | 2.5 G | 0.2 | 39 |
| BAR-VUE BUCKY | 7AY104 | 421 | 42 | 454 | 509 | 606 | 24 | 0.03 | 35 | 0.07 | 45 | 2.86 | 4.5 G | 0.8 | 41 |
| BAR-VUE BUTCH | 14AY35 | 401 | 42 | 428 | 503 | 508 | 18 | 0.02 | 30 | 0.06 | 45 | 2.76 | 4.1 G | 1.0 | 41 |
| DE LA PLAINE PRIME | 200AY716 | 369 | 42 | 396 | 531 | 755 | 26 | 0.01 | 50 | 0.11 | 46 | 2.80 | 2.0 G | 1.1 | 38 |

Milking Shorthorn Top Net Merit Bulls

| Name of Bull | NAAB Code | Selection Indexes | | | Production-related PTAs | | | | | | Type Data | | | | |
|--------------------------------------|-----------|-------------------|------|------|-------------------------|--------|--------|-------|--------|-------|-----------|------|-----|------|------|
| | | NM\$ | Rel. | CM\$ | PTI | lbs. M | lbs. P | %P | lbs. F | %F | Rel. | SCS | PL | PTAT | Rel. |
| GE BOSGOWAN BON JOVI | 160MS1000 | 714 | 50 | 845 | 350 | 1852 | 86 | 0.15 | 129 | 0.32 | 67 | 3.19 | 2.4 | 0.6 | 6 |
| GI LODEN BOB DOWN-P | 160MS1003 | 707 | 51 | 851 | | 1766 | 87 | 0.17 | 99 | 0.18 | 67 | 2.97 | 3.5 | 0.4 | 0 |
| GE PANORAMA ROYAL TREBLE | 14MS112 | 480 | 76 | 537 | 220 | 1152 | 48 | 0.07 | 77 | 0.19 | 92 | 2.86 | 1.7 | 0.4 | 71 |
| GE KULP-GEN PJ COWBOY-ET-P | 1MS541 | 462 | 67 | 496 | 208 | 1529 | 53 | 0.03 | 55 | -0.01 | 85 | 2.79 | 0.9 | -0.2 | 59 |
| SAK KOURT TASER EXP | 14MS115 | 428 | 67 | 418 | 170 | 1252 | 34 | -0.03 | 56 | 0.05 | 84 | 3.00 | 3.5 | 0.6 | 63 |
| KULP-GEN JURIST ACE-ET | 7MS346 | 364 | 80 | 424 | 135 | 286 | 23 | 0.08 | 62 | 0.30 | 92 | 3.01 | 2.2 | 0.2 | 75 |
| ROCKING WS KOURTS FREDRICK-ET | 1MS545 | 348 | 55 | 362 | 161 | 1280 | 41 | 0.01 | 30 | -0.09 | 71 | 3.03 | 3.1 | 0.1 | 57 |
| BLISSFUL TED'S SPURGEON-ET | 14MS113 | 271 | 70 | 254 | 88 | 554 | 12 | -0.03 | 23 | 0.01 | 85 | 2.73 | 2.3 | 0.1 | 58 |
| GMC REBEL LOGIC-ET | 76MS432 | 222 | 85 | 230 | 64 | 86 | 5 | 0.01 | 37 | 0.20 | 95 | 3.16 | 3.0 | 0.7 | 92 |
| ECHO FARM TED MCCOY-ET | 1MS543 | 211 | 58 | 251 | 80 | 221 | 16 | 0.05 | 5 | -0.02 | 75 | 2.72 | 2.1 | -0.3 | 53 |