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 Conversion Factors For Production Traits. Source: INTERBULL 1708
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = PCORR2*Foreign Reliability

| breed | country2 | amilk | bmilk | afat | bfat | aprot | bprot | pcorr2 |
|-------|----------|----------|---------|----------|--------|----------|--------|--------|
| HOL | AUS | -516.70 | 1.5650 | -4.200 | 1.6800 | -5.400 | 1.5710 | 0.4900 |
| HOL | BEL | -522.47 | 1.3729 | -14.004 | 1.2963 | -5.441 | 1.2125 | 0.6400 |
| HOL | CHE | -911.90 | 1.1950 | -14.100 | 1.1620 | -17.600 | 1.1370 | 0.7225 |
| HOL | CZE | 83.50 | 0.9330 | 0.600 | 1.2440 | 9.600 | 1.0900 | 0.6400 |
| HOL | DEU | -50.70 | 1.1930 | 5.700 | 1.1730 | 7.800 | 1.1670 | 0.7744 |
| HOL | DFS | -6264.60 | 65.6220 | -238.800 | 2.6020 | -169.400 | 1.9460 | 0.8281 |
| HOL | ESP | -119.00 | 1.3550 | -8.000 | 1.3250 | -1.900 | 1.3190 | 0.8100 |
| HOL | EST | -281.60 | 1.1390 | 2.700 | 1.1970 | 2.000 | 1.0540 | 0.6561 |
| HOL | FRA | 422.60 | 1.0510 | 11.100 | 1.0320 | 22.400 | 1.0310 | 0.7569 |
| HOL | GBR | -230.10 | 2.5310 | -1.900 | 2.8030 | -2.800 | 2.8070 | 0.7225 |
| HOL | HRV | -5551.77 | 52.2369 | -205.052 | 2.0154 | -148.095 | 1.4831 | 0.6561 |
| HOL | HUN | -9.70 | 0.9480 | -1.700 | 1.0250 | 2.500 | 0.8810 | 0.6889 |
| HOL | IRL | -1144.90 | 4.4040 | -22.000 | 4.2240 | -18.900 | 4.1360 | 0.5476 |
| HOL | ISR | 49.20 | 1.6980 | 20.600 | 1.7580 | 13.300 | 1.8250 | 0.6889 |
| HOL | ITA | 68.70 | 1.1700 | -0.200 | 1.1410 | 5.200 | 1.0690 | 0.7569 |
| HOL | JPN | 334.40 | 1.1890 | 3.900 | 1.2070 | 9.200 | 1.2170 | 0.8281 |
| HOL | KOR | -143.50 | 1.4910 | -10.400 | 1.4730 | -5.700 | 1.5060 | 0.6889 |
| HOL | LTU | -1446.10 | 1.8030 | -25.000 | 1.5780 | -31.500 | 1.6870 | 0.6561 |
| HOL | LVA | -492.00 | 1.6320 | -2.800 | 1.3140 | -4.100 | 1.6330 | 0.6400 |
| HOL | MEX | 243.16 | 1.6167 | -2.361 | 1.8412 | 2.380 | 1.5116 | 0.6561 |
| HOL | NLD | 42.80 | 1.0540 | 15.300 | 1.0430 | 20.600 | 1.0260 | 0.7744 |
| HOL | NZL | -2338.90 | 2.0220 | -17.800 | 1.6470 | -39.100 | 1.9160 | 0.4624 |
| HOL | POL | -333.60 | 1.7150 | -3.300 | 1.7010 | -1.100 | 1.8280 | 0.7225 |
| HOL | PRT | 42.70 | 0.8680 | -3.300 | 1.0910 | 2.700 | 0.8450 | 0.6400 |
| HOL | SVK | -48.49 | 1.5661 | -0.915 | 1.6240 | 5.517 | 1.5468 | 0.6400 |
| HOL | SVN | -6585.50 | 60.0580 | -247.700 | 2.3090 | -187.900 | 1.7700 | 0.6561 |
| HOL | URY | -175.68 | 3.4990 | -7.966 | 3.6530 | -1.143 | 3.2266 | 0.6400 |
| HOL | USA | 245.50 | 1.0990 | 3.500 | 1.1560 | 7.400 | 1.1980 | 0.8281 |
| HOL | ZAF | -99.60 | 1.2450 | -1.700 | 1.1840 | 0.900 | 1.1810 | 0.6400 |

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 Conversion Factors For SCS Traits. Source: INTERBULL 1708
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = SCORR2*Foreign Reliability

| breed | country2 | a | b | scorr2 |
|-------|----------|-------|---------|--------|
| HOL | AUS | 3.800 | -0.0070 | 0.7396 |
| HOL | BEL | 1.538 | 0.4910 | 0.8281 |
| HOL | CHE | 5.000 | -0.0210 | 0.7744 |
| HOL | CZE | 4.700 | -0.0170 | 0.7744 |
| HOL | DEU | 4.800 | -0.0190 | 0.8649 |
| HOL | DFS | 4.900 | -0.0200 | 0.8464 |
| HOL | ESP | 5.100 | -0.0210 | 0.8464 |
| HOL | EST | 4.600 | -0.0160 | 0.7744 |
| HOL | FRA | 2.900 | -0.2040 | 0.8836 |
| HOL | GBR | 2.900 | 0.0180 | 0.8649 |
| HOL | HRV | 1.010 | 0.0198 | 0.7744 |

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| HOL | HUN | 2.900 | 0.1570 | 0.7744 |
| HOL | IRL | 3.000 | 2.1090 | 0.7744 |
| HOL | ISR | 2.900 | 0.9530 | 0.7225 |
| HOL | ITA | 6.900 | -0.0390 | 0.7921 |
| HOL | JPN | 1.700 | 0.5770 | 0.7744 |
| HOL | KOR | 2.932 | 0.6905 | 0.7744 |
| HOL | LTU | 2.900 | 0.6720 | 0.7744 |
| HOL | LVA | 3.000 | 0.5050 | 0.7744 |
| HOL | NLD | 8.400 | -0.0530 | 0.8281 |
| HOL | NZL | 3.100 | 0.5660 | 0.7396 |
| HOL | POL | 5.300 | -0.0230 | 0.8281 |
| HOL | PRT | 3.000 | 0.4780 | 0.7744 |
| HOL | SVK | 1.350 | 0.5602 | 0.7744 |
| HOL | SVN | 5.200 | -0.0220 | 0.7744 |
| HOL | USA | -0.400 | 1.1540 | 0.8836 |
| HOL | ZAF | 3.004 | 0.0090 | 0.8100 |

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Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=AUS

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| HOL CONFORMATION | AUS GENERAL APPEARANCE | -80.328 | 0.7129 | 0.32 | | |
| HOL FEET AND LEGS | AUS OVERALL FEET & LEG | -49.669 | 0.4357 | | | |
| HOL MAMMARY SYSTEM | AUS OVERALL UDDER SCORE | -105.949 | 0.9837 | | | |
| HOL STATURE | AUS STATURE | -129.210 | 1.2101 | | | |
| HOL CHEST WIDTH | AUS CHEST WIDTH | -71.441 | 0.7108 | | | |
| HOL BODY DEPTH | AUS BODY DEPTH | -91.740 | 0.9119 | | | |
| HOL PIN WIDTH | AUS PIN WIDTH | -104.298 | 1.0124 | | | |
| HOL RUMP ANGLE | AUS RUMP ANGLE | -99.010 | 0.9989 | | | |
| HOL FOOT ANGLE | AUS FOOT ANGLE | -84.124 | 0.7939 | | | |
| HOL REAR LEGS SIDE VIEW | AUS REAR LEG SET | -77.665 | 0.7821 | | | |
| HOL REAR LEG REAR VIEW | AUS REAR LEG REAR VIEW | -73.797 | 0.7073 | | | |
| HOL UDDER DEPTH | AUS UDDER DEPTH | -125.616 | 1.2180 | | | |
| HOL MEDIAN SUSPENSORY | AUS MEDIAN SUSPENSORY | -94.074 | 0.8772 | | | |
| HOL FORE ATTACHMENT | AUS FORE UDDER | -88.814 | 0.8416 | | | |
| HOL FRONT TEAT PLACEMENT | AUS FRONT TEAT PLACEMENT | -111.939 | 1.0933 | | | |
| HOL TEAT LENGTH | AUS TEAT LENGTH | -90.961 | 0.9153 | | | |
| HOL REAR ATTACHMENT HEIGHT | AUS REAR UDDER HEIGHT | -106.033 | 0.9952 | | | |
| HOL REAR TEAT PLACEMENT | AUS REAR TEAT PLACEMENT | -107.910 | 1.0659 | | | |
| HOL ANGULARITY | AUS ANGULARITY | -73.283 | 0.6582 | | | |

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Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)

Converted Proof Reliability = TCORR2*Foreign Reliability

country2=BEL

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| HOL CONFORMATION | | BEL CONFORMATION | | -4.694 | 3.3752 | 0.55 |
| HOL FEET AND LEGS | | BEL OVERALL FEET & LEG | | -1.818 | 2.6123 | |
| HOL MAMMARY SYSTEM | | BEL OVERALL UDDER SCORE | | -3.977 | 3.1996 | |
| HOL STATURE | | BEL STATURE | | -4.049 | 4.9802 | |
| HOL CHEST WIDTH | | BEL CHEST WIDTH | | -0.631 | 3.3450 | |
| HOL BODY DEPTH | | BEL BODY DEPTH | | -1.139 | 3.3191 | |
| HOL PIN WIDTH | | BEL RUMP WIDTH | | -1.864 | 3.9006 | |
| HOL RUMP ANGLE | | BEL RUMP ANGLE | | 1.037 | 3.6072 | |
| HOL FOOT ANGLE | | BEL FOOT ANGLE | | -1.539 | 2.8700 | |
| HOL REAR LEGS SIDE VIEW | | BEL REAR LEG SET | | -0.782 | 3.3566 | |
| HOL REAR LEG REAR VIEW | | BEL REAR LEG REAR VIEW | | -0.625 | 2.8898 | |
| HOL UDDER DEPTH | | BEL UDDER DEPTH | | -2.336 | 3.7791 | |
| HOL MEDIAN SUSPENSORY | | BEL MEDIAN SUSPENSORY | | -3.501 | 3.0233 | |
| HOL FORE ATTACHMENT | | BEL FORE UDDER | | -3.260 | 2.8132 | |
| HOL TEAT PLACEMENT | | BEL FRONT TEAT PLACEMENT | | -1.911 | 4.0648 | |
| HOL TEAT LENGTH | | BEL TEAT LENGTH | | 0.188 | 3.4214 | |
| HOL REAR ATTACHMENT HEIGHT | | BEL REAR UDDER HEIGHT | | -3.778 | 3.9223 | |
| HOL REAR TEAT PLACEMENT | | BEL REAR TEAT PLACEMENT | | -2.369 | 4.1195 | |
| HOL ANGULARITY | | BEL ANGULARITY | | -4.574 | 4.5271 | |
| HOL BODY CONDITION SCORE | | BEL BODY CONDITION SCORE | | 103.190 | 4.3243 | |

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Conversion Factors For Type. Source = INTERBULL MACE 1708

Converted Canadian Proof = A + (B* Foreign Proof)

Converted Proof Reliability = TCORR2*Foreign Reliability

country2=CHE

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| HOL CONFORMATION | | CHE FINAL SCORE | | -50.468 | 0.4685 | 0.85 |
| HOL FEET AND LEGS | | CHE OVERALL FEET & LEG | | -48.747 | 0.4695 | |
| HOL MAMMARY SYSTEM | | CHE OVERALL UDDER SCORE | | -49.095 | 0.4558 | |
| HOL STATURE | | CHE STATURE | | -58.789 | 0.5338 | |
| HOL CHEST WIDTH | | CHE CHEST WIDTH | | -49.669 | 0.5040 | |
| HOL BODY DEPTH | | CHE BODY DEPTH | | -45.054 | 0.4406 | |
| HOL PIN WIDTH | | CHE RUMP WIDTH | | -50.114 | 0.4787 | |
| HOL RUMP ANGLE | | CHE RUMP ANGLE | | -49.320 | 0.4996 | |

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| HOL FOOT ANGLE | CHE FOOT ANGLE | -48.271 | 0.4623 |
| HOL REAR LEGS SIDE VIEW | CHE REAR LEG SET | -51.195 | 0.5134 |
| HOL REAR LEG REAR VIEW | CHE REAR LEG REAR VIEW | -41.506 | 0.4046 |
| HOL UDDER DEPTH | CHE UDDER DEPTH | -44.409 | 0.4385 |
| HOL MEDIAN SUSPENSORY | CHE MEDIAN SUSPENSORY | -50.456 | 0.4546 |
| HOL FORE ATTACHMENT | CHE FORE UDDER | -45.600 | 0.4428 |
| HOL FRONT TEAT PLACEMENT | CHE FRONT TEAT PLACEMENT | -51.734 | 0.4963 |
| HOL TEAT LENGTH | CHE TEAT LENGTH | -45.674 | 0.4421 |
| HOL REAR ATTACHMENT HEIGHT | CHE REAR UDDER HEIGHT | -52.715 | 0.4980 |
| HOL REAR TEAT PLACEMENT | CHE REAR TEAT PLACEMENT | -52.652 | 0.4927 |
| HOL ANGULARITY | CHE ANGULARITY | -61.419 | 0.5384 |
| HOL BODY CONDITION SCORE | CHE BODY CONDITION SCORE | 52.583 | 0.5265 |

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Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=CZE

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| HOL CONFORMATION | CZE OVERALL SCORE | -42.847 | 0.3849 | 0.72 | | |
| HOL FEET AND LEGS | CZE OVERALL FEET & LEG | -31.995 | 0.2971 | | | |
| HOL MAMMARY SYSTEM | CZE OVERALL UDDER SCORE | -41.118 | 0.3761 | | | |
| HOL STATURE | CZE STATURE | -42.630 | 0.3834 | | | |
| HOL CHEST WIDTH | CZE CHEST WIDTH | -37.956 | 0.3720 | | | |
| HOL BODY DEPTH | CZE BODY DEPTH | -37.516 | 0.3587 | | | |
| HOL PIN WIDTH | CZE RUMP WIDTH | -37.037 | 0.3485 | | | |
| HOL RUMP ANGLE | CZE RUMP ANGLE | -37.485 | 0.3747 | | | |
| HOL FOOT ANGLE | CZE FOOT ANGLE | -27.863 | 0.2656 | | | |
| HOL REAR LEGS SIDE VIEW | CZE REAR LEG SET | -38.254 | 0.3756 | | | |
| HOL REAR LEG REAR VIEW | CZE REAR LEG REAR VIEW | -31.548 | 0.3034 | | | |
| HOL UDDER DEPTH | CZE UDDER DEPTH | -40.461 | 0.3787 | | | |
| HOL MEDIAN SUSPENSORY | CZE MEDIAN SUSPENSORY | -38.061 | 0.3499 | | | |
| HOL FORE ATTACHMENT | CZE FORE UDDER | -40.458 | 0.3733 | | | |
| HOL FRONT TEAT PLACEMENT | CZE FRONT TEAT PLACEMENT | -38.645 | 0.3772 | | | |
| HOL TEAT LENGTH | CZE TEAT LENGTH | -30.801 | 0.3121 | | | |
| HOL REAR ATTACHMENT HEIGHT | CZE REAR UDDER HEIGHT | -39.797 | 0.3613 | | | |
| HOL REAR TEAT PLACEMENT | CZE REAR TEAT PLACEMENT | -39.584 | 0.3840 | | | |
| HOL ANGULARITY | CZE ANGULARITY | -44.085 | 0.3941 | | | |
| HOL BODY CONDITION SCORE | CZE BODY CONDITION SCORE | 64.354 | 0.3787 | | | |

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Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=DEU

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| HOL FEET AND LEGS | DEU OVERALL FEET & LEG | -45.760 | 0.4530 |
| HOL MAMMARY SYSTEM | DEU OVERALL UDDER SCORE | -41.979 | 0.3900 |
| HOL STATURE | DEU STATURE | -48.502 | 0.4381 |
| HOL CHEST WIDTH | DEU CHEST WIDTH | -47.920 | 0.4601 |
| HOL BODY DEPTH | DEU BODY DEPTH | -46.572 | 0.4430 |
| HOL PIN WIDTH | DEU RUMP WIDTH | -53.672 | 0.5055 |
| HOL RUMP ANGLE | DEU RUMP ANGLE | -48.953 | 0.4950 |
| HOL FOOT ANGLE | DEU FOOT ANGLE | -46.413 | 0.4522 |
| HOL REAR LEGS SIDE VIEW | DEU REAR LEG SET | -52.143 | 0.5130 |
| HOL REAR LEG REAR VIEW | DEU REAR LEG REAR VIEW | -52.100 | 0.5160 |
| HOL UDDER DEPTH | DEU UDDER DEPTH | -42.215 | 0.4075 |
| HOL MEDIAN SUSPENSORY | DEU MEDIAN SUSPENSORY | -49.037 | 0.4621 |
| HOL FORE ATTACHMENT | DEU FORE UDDER | -49.836 | 0.4728 |
| HOL FRONT TEAT PLACEMENT | DEU FRONT TEAT PLACEMENT | -43.977 | 0.4233 |
| HOL TEAT LENGTH | DEU TEAT LENGTH | -38.810 | 0.3909 |
| HOL REAR ATTACHMENT HEIGHT | DEU REAR UDDER HEIGHT | -43.281 | 0.4050 |
| HOL REAR TEAT PLACEMENT | DEU REAR TEAT PLACEMENT | -42.762 | 0.4080 |
| HOL ANGULARITY | DEU ANGULARITY | -51.501 | 0.4690 |
| HOL BODY CONDITION SCORE | DEU BODY CONDITION SCORE | 58.820 | 0.4334 |

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Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=DFS

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| HOL CONFORMATION | DFS OVERALL CONFORMATION | -54.070 | 0.4550 | 0.64 |
| HOL FEET AND LEGS | DFS OVERALL FEET & LEG | -43.308 | 0.4221 | |
| HOL MAMMARY SYSTEM | DFS OVERALL UDDER SCORE | -41.400 | 0.3816 | |
| HOL STATURE | DFS STATURE | -57.407 | 0.5140 | |
| HOL CHEST WIDTH | DFS CHEST WIDTH | -52.221 | 0.4897 | |
| HOL BODY DEPTH | DFS BODY DEPTH | -52.282 | 0.4660 | |
| HOL PIN WIDTH | DFS RUMP WIDTH | -50.380 | 0.4542 | |
| HOL RUMP ANGLE | DFS RUMP ANGLE | -50.083 | 0.5087 | |
| HOL FOOT ANGLE | DFS FOOT ANGLE | -45.494 | 0.4363 | |
| HOL REAR LEGS SIDE VIEW | DFS REAR LEG SET | -47.005 | 0.4686 | |
| HOL REAR LEG REAR VIEW | DFS REAR LEG REAR VIEW | -48.144 | 0.4647 | |
| HOL UDDER DEPTH | DFS UDDER DEPTH | -45.433 | 0.4567 | |

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| HOL MEDIAN SUSPENSORY | DFS MEDIAN SUSPENSORY | -43.272 | 0.3816 |
| HOL FORE ATTACHMENT | DFS FORE UDDER | -48.601 | 0.4514 |
| HOL FRONT TEAT PLACEMENT | DFS FRONT TEAT PLACEMENT | -54.791 | 0.5363 |
| HOL TEAT LENGTH | DFS TEAT LENGTH | -47.496 | 0.4805 |
| HOL REAR ATTACHMENT HEIGHT | DFS REAR UDDER HEIGHT | -47.740 | 0.4390 |
| HOL REAR TEAT PLACEMENT | DFS REAR TEAT PLACEMENT | -55.127 | 0.5242 |
| HOL ANGULARITY | DFS DAIRY FORM | -63.149 | 0.5553 |
| HOL BODY CONDITION SCORE | DFS BODY CONDITION SCORE | 55.821 | 0.4753 |

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Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=ESP

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| HOL CONFORMATION | ESP FINAL CLASS | -5.401 | 6.1507 | 0.62 | | |
| HOL FEET AND LEGS | ESP OVERALL FEET & LEG | -2.550 | 5.7546 | | | |
| HOL MAMMARY SYSTEM | ESP OVERALL UDDER SCORE | -4.836 | 5.4496 | | | |
| HOL STATURE | ESP STATURE | -5.186 | 6.4666 | | | |
| HOL CHEST WIDTH | ESP CHEST WIDTH | -0.554 | 5.3988 | | | |
| HOL BODY DEPTH | ESP BODY DEPTH | -1.426 | 4.8901 | | | |
| HOL PIN WIDTH | ESP PIN WIDTH | -2.106 | 5.4843 | | | |
| HOL RUMP ANGLE | ESP RUMP ANGLE | -0.211 | 5.1390 | | | |
| HOL FOOT ANGLE | ESP FOOT ANGLE | -1.745 | 5.4954 | | | |
| HOL REAR LEGS SIDE VIEW | ESP REAR LEG SET | -0.850 | 4.9869 | | | |
| HOL REAR LEG REAR VIEW | ESP REAR LEG REAR VIEW | -0.764 | 5.0900 | | | |
| HOL UDDER DEPTH | ESP UDDER DEPTH | -3.739 | 4.9084 | | | |
| HOL MEDIAN SUSPENSORY | ESP MEDIAN SUSPENSORY | -3.680 | 5.8617 | | | |
| HOL FORE ATTACHMENT | ESP FORE UDDER | -4.467 | 5.8780 | | | |
| HOL FRONT TEAT PLACEMENT | ESP FRONT TEAT PLACEMENT | -2.111 | 5.9158 | | | |
| HOL TEAT LENGTH | ESP TEAT LENGTH | 0.437 | 4.6959 | | | |
| HOL REAR ATTACHMENT HEIGHT | ESP REAR UDDER HEIGHT | -4.813 | 5.7280 | | | |
| HOL REAR TEAT PLACEMENT | ESP REAR TEAT PLACEMENT | -2.431 | 6.1966 | | | |
| HOL ANGULARITY | ESP ANGULARITY | -5.156 | 7.1507 | | | |
| HOL BODY CONDITION SCORE | ESP BODY CONDITION SCORE | 103.091 | 5.2717 | | | |

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Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=EST

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| HOL CONFORMATION | EST OVERALL CONFORMATION | -49.556 | 0.4151 | 0.59 |
| HOL FEET AND LEGS | EST OVERALL FEET & LEG | -25.553 | 0.2167 | |
| HOL MAMMARY SYSTEM | EST OVERALL UDDER SCORE | -45.735 | 0.3885 | |
| HOL STATURE | EST STATURE | -54.154 | 0.4748 | |
| HOL CHEST WIDTH | EST CHEST WIDTH | -37.957 | 0.3619 | |
| HOL BODY DEPTH | EST BODY DEPTH | -37.168 | 0.3500 | |
| HOL PIN WIDTH | EST RUMP WIDTH | -44.798 | 0.4053 | |
| HOL RUMP ANGLE | EST RUMP ANGLE | -38.669 | 0.3956 | |
| HOL FOOT ANGLE | EST FOOT ANGLE | -32.919 | 0.2972 | |
| HOL REAR LEGS SIDE VIEW | EST REAR LEG SET | -36.699 | 0.3632 | |
| HOL REAR LEG REAR VIEW | EST REAR LEG REAR VIEW | -26.165 | 0.2411 | |
| HOL UDDER DEPTH | EST UDDER DEPTH | -45.847 | 0.4122 | |
| HOL MEDIAN SUSPENSORY | EST MEDIAN SUSPENSORY | -38.633 | 0.3289 | |
| HOL FORE ATTACHMENT | EST FORE UDDER | -40.695 | 0.3471 | |
| HOL FRONT TEAT PLACEMENT | EST FRONT TEAT PLACEMENT | -46.696 | 0.4360 | |
| HOL TEAT LENGTH | EST TEAT LENGTH | -34.396 | 0.3499 | |
| HOL REAR ATTACHMENT HEIGHT | EST REAR UDDER HEIGHT | -41.540 | 0.3573 | |
| HOL REAR TEAT PLACEMENT | EST REAR TEAT PLACEMENT | -46.164 | 0.4292 | |
| HOL ANGULARITY | EST ANGULARITY | -36.031 | 0.2946 | |

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 Conversion Factors For Type. Source = INTERBULL MACE 1708
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=FRA

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| HOL STATURE | FRA STATURE | -3.186 | 5.2903 |
| HOL CHEST WIDTH | FRA CHEST DEPTH | 0.315 | 4.7941 |
| HOL BODY DEPTH | FRA BODY DEPTH | -1.158 | 3.3885 |
| HOL PIN WIDTH | FRA RUMP WIDTH | -1.538 | 5.0875 |
| HOL RUMP ANGLE | FRA RUMP ANGLE | 1.926 | 5.3255 |
| HOL FOOT ANGLE | FRA HEEL DEPTH | -1.492 | 4.9718 |
| HOL REAR LEGS SIDE VIEW | FRA REAR LEG SET | -0.294 | 4.9234 |
| HOL REAR LEG REAR VIEW | FRA REAR LEG REAR VIEW | -1.631 | 4.8833 |
| HOL UDDER DEPTH | FRA UDDER DEPTH | -2.786 | 4.6691 |
| HOL MEDIAN SUSPENSORY | FRA MEDIAN SUSPENSORY | -3.391 | 4.2496 |
| HOL FORE ATTACHMENT | FRA FORE UDDER | -4.223 | 5.1743 |
| HOL FRONT TEAT PLACEMENT | FRA FRONT TEAT PLACEMENT | -1.016 | 5.2548 |
| HOL TEAT LENGTH | FRA TEAT LENGTH | 0.997 | 5.1366 |
| HOL REAR ATTACHMENT HEIGHT | FRA REAR UDDER HEIGHT | -3.928 | 4.8354 |
| HOL REAR TEAT PLACEMENT | FRA REAR TEAT PLACEMENT | -1.532 | 5.6053 |
| HOL ANGULARITY | FRA ANGULARITY | -4.062 | 5.7656 |

HOL BODY CONDITION SCORE FRA BODY CONDITION SCORE 103.003 5.7985

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 Conversion Factors For Type. Source = INTERBULL MACE 1708
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=GBR

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| HOL MAMMARY SYSTEM | | GBR OVERALL UDDER SCORE | | -2.879 | 4.9764 | |
| HOL STATURE | | GBR STATURE | | -3.094 | 4.8483 | |
| HOL CHEST WIDTH | | GBR CHEST WIDTH | | -1.339 | 4.2643 | |
| HOL BODY DEPTH | | GBR BODY DEPTH | | -0.727 | 4.1271 | |
| HOL PIN WIDTH | | GBR RUMP WIDTH | | -1.619 | 4.8045 | |
| HOL RUMP ANGLE | | GBR RUMP ANGLE | | 0.129 | 4.5611 | |
| HOL FOOT ANGLE | | GBR FOOT ANGLE | | -1.131 | 4.0548 | |
| HOL REAR LEGS SIDE VIEW | | GBR REAR LEG SET | | 0.036 | 4.1973 | |
| HOL REAR LEG REAR VIEW | | GBR REAR LEG REAR VIEW | | -1.003 | 3.2768 | |
| HOL UDDER DEPTH | | GBR UDDER DEPTH | | -1.301 | 4.7200 | |
| HOL MEDIAN SUSPENSORY | | GBR MEDIAN SUSPENSORY | | -2.346 | 4.4310 | |
| HOL FORE ATTACHMENT | | GBR FORE UDDER | | -1.797 | 4.8593 | |
| HOL TEAT PLACEMENT | | GBR FRONT TEAT PLACEMENT | | -0.839 | 4.8181 | |
| HOL TEAT LENGTH | | GBR TEAT LENGTH | | -0.089 | 4.0353 | |
| HOL REAR ATTACHMENT HEIGHT | | GBR REAR UDDER HEIGHT | | -2.646 | 4.0491 | |
| HOL REAR TEAT PLACEMENT | | GBR REAR TEAT PLACEMENT | | -0.948 | 4.5990 | |
| HOL ANGULARITY | | GBR ANGULARITY | | -3.160 | 5.5759 | |
| HOL BODY CONDITION SCORE | | GBR BODY CONDITION SCORE | | 100.957 | 4.8417 | |

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 Conversion Factors For Type. Source = INTERBULL MACE 1708
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=HUN

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| HOL CONFORMATION | | HUN OVERALL CONFORMATION | | -5.501 | 4.7025 | 0.67 |
| HOL FEET AND LEGS | | HUN OVERALL FEET & LEG | | -2.187 | 3.2514 | |
| HOL MAMMARY SYSTEM | | HUN OVERALL UDDER SCORE | | -3.705 | 4.0546 | |

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| HOL STATURE | HUN STATURE | -6.067 | 5.7736 |
| HOL CHEST WIDTH | HUN CHEST WIDTH | -1.597 | 4.9020 |
| HOL BODY DEPTH | HUN BODY DEPTH | -2.100 | 3.9665 |
| HOL PIN WIDTH | HUN RUMP WIDTH | -3.430 | 5.0796 |
| HOL RUMP ANGLE | HUN RUMP ANGLE | 0.003 | 5.3891 |
| HOL FOOT ANGLE | HUN FOOT ANGLE | -1.373 | 4.8847 |
| HOL REAR LEGS SIDE VIEW | HUN REAR LEG SET | -1.200 | 5.4345 |
| HOL REAR LEG REAR VIEW | HUN REAR LEG REAR VIEW | -1.162 | 4.5305 |
| HOL UDDER DEPTH | HUN UDDER DEPTH | -2.463 | 4.5784 |
| HOL MEDIAN SUSPENSORY | HUN MEDIAN SUSPENSORY | -2.804 | 4.5009 |
| HOL FORE ATTACHMENT | HUN FORE UDDER | -2.816 | 4.6416 |
| HOL FRONT TEAT PLACEMENT | HUN FRONT TEAT PLACEMENT | -1.091 | 5.6163 |
| HOL TEAT LENGTH | HUN TEAT LENGTH | 1.132 | 4.1558 |
| HOL REAR ATTACHMENT HEIGHT | HUN REAR UDDER HEIGHT | -4.827 | 5.2006 |
| HOL ANGULARITY | HUN ANGULARITY | -5.598 | 4.9507 |

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Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=IRL

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| HOL CONFORMATION | IRL CONFORMATION | -11.461 | 4.3144 | 0.50 | | |
| HOL FEET AND LEGS | IRL OVERALL FEET & LEG | -4.666 | 3.3608 | | | |
| HOL MAMMARY SYSTEM | IRL OVERALL UDDER SCORE | -7.644 | 4.5060 | | | |
| HOL STATURE | IRL STATURE | -9.902 | 6.8252 | | | |
| HOL CHEST WIDTH | IRL CHEST WIDTH | -1.395 | 3.4942 | | | |
| HOL BODY DEPTH | IRL BODY DEPTH | -2.329 | 3.7676 | | | |
| HOL PIN WIDTH | IRL RUMP WIDTH | -5.419 | 2.9007 | | | |
| HOL RUMP ANGLE | IRL RUMP ANGLE | -0.448 | 3.1846 | | | |
| HOL FOOT ANGLE | IRL FOOT ANGLE | -4.170 | 3.3036 | | | |
| HOL REAR LEGS SIDE VIEW | IRL REAR LEG SET | -0.629 | 2.8339 | | | |
| HOL REAR LEG REAR VIEW | IRL REAR LEG REAR VIEW | -2.954 | 2.6139 | | | |
| HOL UDDER DEPTH | IRL UDDER DEPTH | -4.926 | 3.8530 | | | |
| HOL MEDIAN SUSPENSORY | IRL MEDIAN SUSPENSORY | -7.130 | 4.1577 | | | |
| HOL FORE ATTACHMENT | IRL FORE UDDER | -5.260 | 3.8909 | | | |
| HOL TEAT PLACEMENT | IRL FRONT TEAT PLACEMENT | -4.630 | 4.1123 | | | |
| HOL TEAT LENGTH | IRL TEAT LENGTH | 0.230 | 2.9898 | | | |
| HOL REAR ATTACHMENT HEIGHT | IRL REAR UDDER HEIGHT | -6.737 | 3.8253 | | | |
| HOL REAR TEAT PLACEMENT | IRL REAR TEAT PLACEMENT | -4.471 | 4.2257 | | | |
| HOL ANGULARITY | IRL ANGULARITY | -10.514 | 7.8142 | | | |
| HOL BODY CONDITION SCORE | IRL BODY CONDITION SCORE | 105.599 | 5.3211 | | | |

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Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)

Converted Proof Reliability = TCORR2*Foreign Reliability

country2=ITA

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| HOL CONFORMATION | | ITA FINAL SCORE | | -4.626 | 5.9246 | 0.67 |
| HOL FEET AND LEGS | | ITA OVERALL FEET & LEG | | -1.595 | 2.7242 | |
| HOL MAMMARY SYSTEM | | ITA OVERALL UDDER SCORE | | -3.760 | 4.6217 | |
| HOL STATURE | | ITA STATURE | | -4.579 | 4.6325 | |
| HOL CHEST WIDTH | | ITA STRENGTH | | -1.128 | 3.6998 | |
| HOL BODY DEPTH | | ITA BODY DEPTH | | -1.712 | 3.2601 | |
| HOL PIN WIDTH | | ITA RUMP WIDTH | | -2.626 | 3.8385 | |
| HOL RUMP ANGLE | | ITA RUMP ANGLE | | 0.350 | 3.8120 | |
| HOL FOOT ANGLE | | ITA FOOT ANGLE | | -1.688 | 3.0722 | |
| HOL REAR LEGS SIDE VIEW | | ITA REAR LEG SET | | -0.787 | 3.7796 | |
| HOL REAR LEG REAR VIEW | | ITA REAR LEG REAR VIEW | | -1.138 | 2.6371 | |
| HOL UDDER DEPTH | | ITA UDDER DEPTH | | -2.734 | 3.6510 | |
| HOL MEDIAN SUSPENSORY | | ITA MEDIAN SUSPENSORY | | -2.249 | 3.2140 | |
| HOL FORE ATTACHMENT | | ITA FORE UDDER | | -3.425 | 3.5507 | |
| HOL FRONT TEAT PLACEMENT | | ITA FRONT TEAT PLACEMENT | | -1.395 | 4.1008 | |
| HOL TEAT LENGTH | | ITA TEAT LENGTH | | -0.056 | 3.1945 | |
| HOL REAR ATTACHMENT HEIGHT | | ITA REAR UDDER HEIGHT | | -3.650 | 3.3787 | |
| HOL REAR TEAT PLACEMENT | | ITA REAR TEAT PLACEMENT | | -1.005 | 3.9202 | |
| HOL ANGULARITY | | ITA ANGULARITY | | -4.527 | 4.4224 | |
| HOL BODY CONDITION SCORE | | ITA BODY CONDITION SCORE | | 18.579 | 0.8396 | |

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Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=JPN

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| HOL CONFORMATION | | JPN OVERALL CONFORMATION | | -4.398 | 7.4567 | 0.79 |
| HOL FEET AND LEGS | | JPN OVERALL FEET & LEG | | -2.566 | 8.1622 | |
| HOL MAMMARY SYSTEM | | JPN OVERALL UDDER SCORE | | -3.586 | 6.8226 | |
| HOL STATURE | | JPN STATURE | | -3.973 | 4.4970 | |
| HOL CHEST WIDTH | | JPN CHEST WIDTH | | -1.630 | 3.2086 | |
| HOL BODY DEPTH | | JPN BODY DEPTH | | -1.835 | 2.7637 | |
| HOL PIN WIDTH | | JPN RUMP WIDTH | | -2.536 | 3.7463 | |
| HOL RUMP ANGLE | | JPN RUMP ANGLE | | 0.332 | 3.9823 | |

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| HOL FOOT ANGLE | JPN FOOT ANGLE | -1.573 | 2.0986 |
| HOL REAR LEGS SIDE VIEW | JPN REAR LEG SET | 0.039 | 3.3734 |
| HOL REAR LEG REAR VIEW | JPN REAR LEG REAR VIEW | -1.541 | 3.0395 |
| HOL UDDER DEPTH | JPN UDDER DEPTH | -2.685 | 4.0254 |
| HOL MEDIAN SUSPENSORY | JPN MEDIAN SUSPENSORY | -2.218 | 2.5568 |
| HOL FORE ATTACHMENT | JPN FORE UDDER | -2.908 | 3.5824 |
| HOL FRONT TEAT PLACEMENT | JPN FRONT TEAT PLACEMENT | -1.332 | 3.8109 |
| HOL TEAT LENGTH | JPN TEAT LENGTH | 0.545 | 3.6928 |
| HOL REAR ATTACHMENT HEIGHT | JPN REAR UDDER HEIGHT | -3.346 | 3.5705 |
| HOL REAR TEAT PLACEMENT | JPN REAR TEAT PLACEMENT | -0.956 | 3.7640 |
| HOL ANGULARITY | JPN ANGULARITY | -3.285 | 3.8215 |
| HOL BODY CONDITION SCORE | JPN BODY CONDITION SCORE | 101.047 | 3.2629 |

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Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=KOR

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| HOL CONFORMATION | KOR CONFORMATION | -8.457 | 0.5272 | 0.46 | | |
| HOL STATURE | KOR STATURE | -7.695 | 1.2129 | | | |
| HOL CHEST WIDTH | KOR CHEST WIDTH | 0.108 | 1.5448 | | | |
| HOL BODY DEPTH | KOR BODY DEPTH | -0.734 | 1.1875 | | | |
| HOL PIN WIDTH | KOR RUMP WIDTH | -3.316 | 1.3196 | | | |
| HOL RUMP ANGLE | KOR RUMP ANGLE | -0.117 | 1.1198 | | | |
| HOL FOOT ANGLE | KOR FOOT ANGLE | -3.201 | 2.9360 | | | |
| HOL REAR LEGS SIDE VIEW | KOR REAR LEG SET | 0.851 | 2.3109 | | | |
| HOL REAR LEG REAR VIEW | KOR REAR LEG REAR VIEW | -1.973 | 2.4271 | | | |
| HOL UDDER DEPTH | KOR UDDER DEPTH | -6.678 | 0.9102 | | | |
| HOL MEDIAN SUSPENSORY | KOR MEDIAN SUSPENSORY | -4.936 | 1.6075 | | | |
| HOL FORE ATTACHMENT | KOR FORE UDDER | -4.905 | 1.2539 | | | |
| HOL TEAT PLACEMENT | KOR FRONT TEAT PLACEMENT | -5.245 | 1.5540 | | | |
| HOL TEAT LENGTH | KOR TEAT LENGTH | 1.560 | 1.0461 | | | |
| HOL REAR ATTACHMENT HEIGHT | KOR REAR UDDER HEIGHT | -6.336 | 1.3005 | | | |
| HOL REAR TEAT PLACEMENT | KOR REAR TEAT PLACEMENT | -3.082 | 2.3092 | | | |
| HOL ANGULARITY | KOR ANGULARITY | -5.727 | 2.0789 | | | |
| HOL BODY CONDITION SCORE | KOR BODY CONDITION SCORE | 102.669 | 1.9432 | | | |

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Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=NLD

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| HOL CONFORMATION | NLD OVERALL CONFORMATION | -153.505 | 1.4552 | 0.62 |
| HOL FEET AND LEGS | NLD OVERALL FEET & LEG | -85.798 | 0.8401 | |
| HOL MAMMARY SYSTEM | NLD OVERALL UDDER SCORE | -110.615 | 1.0454 | |
| HOL STATURE | NLD STATURE | -127.790 | 1.2133 | |
| HOL CHEST WIDTH | NLD CHEST WIDTH | -124.986 | 1.2462 | |
| HOL BODY DEPTH | NLD BODY DEPTH | -91.844 | 0.8922 | |
| HOL PIN WIDTH | NLD PIN WIDTH | -121.344 | 1.1778 | |
| HOL RUMP ANGLE | NLD RUMP ANGLE | -112.249 | 1.1498 | |
| HOL FOOT ANGLE | NLD CLAW DIAGONAL | -98.501 | 0.9669 | |
| HOL REAR LEGS SIDE VIEW | NLD REAR LEG SET | -110.096 | 1.0812 | |
| HOL REAR LEG REAR VIEW | NLD REAR LEG REAR VIEW | -121.582 | 1.2089 | |
| HOL UDDER DEPTH | NLD UDDER DEPTH | -109.891 | 1.0614 | |
| HOL MEDIAN SUSPENSORY | NLD MEDIAN SUSPENSORY | -112.565 | 1.0700 | |
| HOL FORE ATTACHMENT | NLD FORE UDDER | -109.879 | 1.0520 | |
| HOL FRONT TEAT PLACEMENT | NLD FRONT TEAT PLACEMENT | -124.873 | 1.2281 | |
| HOL TEAT LENGTH | NLD TEAT LENGTH | -103.367 | 1.0354 | |
| HOL REAR ATTACHMENT HEIGHT | NLD REAR UDDER HEIGHT | -100.409 | 0.9489 | |
| HOL REAR TEAT PLACEMENT | NLD REAR TEAT PLACEMENT | -125.242 | 1.2270 | |
| HOL ANGULARITY | NLD ANGULARITY | -116.315 | 1.0803 | |
| HOL BODY CONDITION SCORE | NLD BODY CONDITION SCORE | -14.315 | 1.1939 | |

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 Conversion Factors For Type. Source = INTERBULL MACE 1708
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=NZL

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| HOL CONFORMATION | NZL OVERALL CONFORMATION | -20.230 | 13.1392 | 0.41 |
| HOL MAMMARY SYSTEM | NZL OVERALL UDDER SCORE | -15.569 | 10.8835 | |
| HOL STATURE | NZL STATURE | -29.029 | 11.4319 | |
| HOL CHEST WIDTH | NZL CHEST WIDTH | -3.556 | 12.2718 | |
| HOL BODY DEPTH | NZL BODY DEPTH | -5.244 | 10.6851 | |
| HOL PIN WIDTH | NZL RUMP WIDTH | -14.856 | 17.1539 | |
| HOL RUMP ANGLE | NZL RUMP ANGLE | -0.409 | 16.6504 | |
| HOL REAR LEGS SIDE VIEW | NZL REAR LEG SET | 3.997 | 26.5373 | |
| HOL MEDIAN SUSPENSORY | NZL MEDIAN SUSPENSORY | -14.160 | 9.8802 | |
| HOL FORE ATTACHMENT | NZL FORE UDDER | -11.181 | 12.3982 | |
| HOL FRONT TEAT PLACEMENT | NZL FRONT TEAT PLACEMENT | -10.023 | 18.7890 | |
| HOL REAR ATTACHMENT HEIGHT | NZL REAR UDDER HEIGHT | -13.272 | 11.7890 | |
| HOL REAR TEAT PLACEMENT | NZL REAR TEAT PLACEMENT | -11.472 | 12.6529 | |

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 Conversion Factors For Type. Source = INTERBULL MACE 1708
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=POL

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| HOL CONFORMATION | | POL OVERALL CONFORMATION | | -83.837 | 0.7303 | 0.46 |
| HOL FEET AND LEGS | | POL OVERALL FEET & LEG | | -52.006 | 0.4647 | |
| HOL MAMMARY SYSTEM | | POL OVERALL UDDER SCORE | | -74.557 | 0.6503 | |
| HOL STATURE | | POL STATURE | | -85.802 | 0.7583 | |
| HOL CHEST WIDTH | | POL CHEST WIDTH | | -47.396 | 0.4586 | |
| HOL BODY DEPTH | | POL BODY DEPTH | | -43.750 | 0.4115 | |
| HOL PIN WIDTH | | POL RUMP WIDTH | | -55.392 | 0.5074 | |
| HOL RUMP ANGLE | | POL RUMP ANGLE | | -48.532 | 0.4876 | |
| HOL FOOT ANGLE | | POL FOOT ANGLE | | -49.431 | 0.4536 | |
| HOL REAR LEGS SIDE VIEW | | POL REAR LEG SET | | -46.175 | 0.4595 | |
| HOL REAR LEG REAR VIEW | | POL REAR LEG REAR VIEW | | -44.721 | 0.4247 | |
| HOL UDDER DEPTH | | POL UDDER DEPTH | | -61.985 | 0.5606 | |
| HOL MEDIAN SUSPENSORY | | POL MEDIAN SUSPENSORY | | -59.384 | 0.5281 | |
| HOL FORE ATTACHMENT | | POL FORE UDDER | | -58.468 | 0.5170 | |
| HOL FRONT TEAT PLACEMENT | | POL FRONT TEAT PLACEMENT | | -66.136 | 0.6122 | |
| HOL TEAT LENGTH | | POL TEAT LENGTH | | -43.769 | 0.4476 | |
| HOL REAR ATTACHMENT HEIGHT | | POL REAR UDDER HEIGHT | | -70.715 | 0.6233 | |
| HOL REAR TEAT PLACEMENT | | POL REAR TEAT PLACEMENT | | -56.807 | 0.5396 | |
| HOL ANGULARITY | | POL ANGULARITY | | -88.999 | 0.7823 | |

 -
 Conversion Factors For Type. Source = INTERBULL MACE 1708
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=PRT

| | c | c | f | | | |
|--------------------|---|-------------------------|---|--------|---------|------|
| | a | o | o | | b | t |
| b | n | u | r | a | v | c |
| r | t | n | t | v | v | o |
| e | r | t | r | a | a | r |
| e | a | r | a | l | l | r |
| d | i | y | i | u | u | r |
| | t | 2 | t | e | e | 2 |
| HOL CONFORMATION | | PRT CONFORMATION | | -6.157 | 16.6618 | 0.56 |
| HOL FEET AND LEGS | | PRT OVERALL FEET & LEG | | -2.417 | 20.0069 | |
| HOL MAMMARY SYSTEM | | PRT OVERALL UDDER SCORE | | -5.143 | 9.6432 | |

| | | | |
|----------------------------|--------------------------|---------|--------|
| HOL STATURE | PRT STATURE | -7.792 | 3.8570 |
| HOL CHEST WIDTH | PRT CHEST WIDTH | -1.405 | 2.2763 |
| HOL BODY DEPTH | PRT BODY DEPTH | -2.150 | 2.0234 |
| HOL PIN WIDTH | PRT RUMP WIDTH | -3.838 | 3.0244 |
| HOL RUMP ANGLE | PRT RUMP ANGLE | 0.817 | 3.0324 |
| HOL FOOT ANGLE | PRT FOOT ANGLE | -3.009 | 1.7370 |
| HOL REAR LEGS SIDE VIEW | PRT REAR LEG SET | -0.248 | 1.8805 |
| HOL REAR LEG REAR VIEW | PRT REAR LEG REAR VIEW | -1.675 | 1.7844 |
| HOL UDDER DEPTH | PRT UDDER DEPTH | -4.879 | 2.7606 |
| HOL MEDIAN SUSPENSORY | PRT MEDIAN SUSPENSORY | -4.506 | 1.9582 |
| HOL FORE ATTACHMENT | PRT FORE UDDER | -6.184 | 2.0801 |
| HOL TEAT PLACEMENT | PRT FRONT TEAT PLACEMENT | -4.030 | 3.0822 |
| HOL TEAT LENGTH | PRT TEAT LENGTH | 0.591 | 2.3216 |
| HOL REAR ATTACHMENT HEIGHT | PRT REAR UDDER HEIGHT | -6.833 | 2.5483 |
| HOL REAR TEAT PLACEMENT | PRT REAR TEAT PLACEMENT | -3.038 | 3.0588 |
| HOL ANGULARITY | PRT ANGULARITY | -8.367 | 3.7107 |
| HOL BODY CONDITION SCORE | PRT BODY CONDITION SCORE | 103.233 | 2.4615 |

-
Conversion Factors For Type. Source = INTERBULL MACE 1708
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=SVN

| | c | c | f | | | |
|----------------------------|--------------------------|---------|--------|------|---|---|
| | a | o | o | | | |
| | n | u | r | a | b | t |
| b | t | n | t | v | v | c |
| r | r | t | r | a | a | o |
| e | a | r | a | l | l | r |
| e | i | y | i | u | u | r |
| d | t | 2 | t | e | e | 2 |
| HOL CONFORMATION | SVN CONFORMATION | -38.405 | 0.2618 | 0.58 | | |
| HOL FEET AND LEGS | SVN OVERALL FEET & LEG | -23.895 | 0.1808 | | | |
| HOL MAMMARY SYSTEM | SVN OVERALL UDDER SCORE | -36.127 | 0.2525 | | | |
| HOL STATURE | SVN STATURE | -49.392 | 0.3695 | | | |
| HOL CHEST WIDTH | SVN CHEST WIDTH | -27.353 | 0.2523 | | | |
| HOL BODY DEPTH | SVN BODY DEPTH | -26.588 | 0.2243 | | | |
| HOL PIN WIDTH | SVN RUMP WIDTH | -28.840 | 0.2395 | | | |
| HOL RUMP ANGLE | SVN RUMP ANGLE | -30.667 | 0.3137 | | | |
| HOL FOOT ANGLE | SVN FOOT ANGLE | -25.494 | 0.2204 | | | |
| HOL REAR LEGS SIDE VIEW | SVN REAR LEG SET | -25.266 | 0.2479 | | | |
| HOL REAR LEG REAR VIEW | SVN REAR LEG REAR VIEW | -24.317 | 0.2115 | | | |
| HOL UDDER DEPTH | SVN UDDER DEPTH | -37.612 | 0.3110 | | | |
| HOL MEDIAN SUSPENSORY | SVN MEDIAN SUSPENSORY | -31.414 | 0.2330 | | | |
| HOL FORE ATTACHMENT | SVN FORE UDDER | -31.712 | 0.2304 | | | |
| HOL TEAT PLACEMENT | SVN FRONT TEAT PLACEMENT | -39.633 | 0.3269 | | | |
| HOL TEAT LENGTH | SVN TEAT LENGTH | -25.722 | 0.2711 | | | |
| HOL REAR ATTACHMENT HEIGHT | SVN REAR UDDER HEIGHT | -39.870 | 0.3003 | | | |
| HOL REAR TEAT PLACEMENT | SVN REAR TEAT PLACEMENT | -44.554 | 0.3692 | | | |
| HOL ANGULARITY | SVN ANGULARITY | -31.779 | 0.2103 | | | |
| HOL BODY CONDITION SCORE | SVN BODY CONDITION SCORE | 84.321 | 0.2134 | | | |

Conversion Factors For Type. Source = INTERBULL MACE 1708
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=USA

| | c | c | f | | | |
|----------------------------|---|----------------------------|---|---------|---------|------|
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| b | n | u | r | a | v | c |
| r | r | t | r | a | a | o |
| e | a | r | a | l | l | r |
| e | i | y | i | u | u | r |
| d | t | 2 | t | e | e | 2 |
| HOL CONFORMATION | | USA PTA TYPE (FINAL SCORE) | | -2.245 | 5.2809 | 0.72 |
| HOL FEET AND LEGS | | USA FEET & LEGS SCORE | | -0.968 | 3.7416 | |
| HOL MAMMARY SYSTEM | | USA UDDER COMPOSITE | | -0.991 | 4.5230 | |
| HOL STATURE | | USA STATURE | | -2.783 | 4.4323 | |
| HOL CHEST WIDTH | | USA STRENGTH | | -0.414 | 4.2582 | |
| HOL BODY DEPTH | | USA BODY DEPTH | | -1.317 | 3.2749 | |
| HOL PIN WIDTH | | USA THURL WIDTH | | -1.201 | 3.9826 | |
| HOL RUMP ANGLE | | USA RUMP ANGLE | | -0.399 | 4.0527 | |
| HOL FOOT ANGLE | | USA FOOT ANGLE | | -0.877 | 3.6179 | |
| HOL REAR LEGS SIDE VIEW | | USA REAR LEGS - SIDE VIEW | | 0.065 | 3.8365 | |
| HOL REAR LEG REAR VIEW | | USA REAR LEGS - REAR VIEW | | -0.266 | 3.2190 | |
| HOL UDDER DEPTH | | USA UDDER DEPTH | | -0.585 | 3.6409 | |
| HOL MEDIAN SUSPENSORY | | USA UDDER CLEFT | | -1.367 | 3.3508 | |
| HOL FORE ATTACHMENT | | USA FORE ATTACHMENT | | -0.908 | 3.5962 | |
| HOL FRONT TEAT PLACEMENT | | USA FRONT TEAT PLACEMENT | | -0.017 | 3.9970 | |
| HOL TEAT LENGTH | | USA TEAT LENGTH | | -0.107 | 3.7697 | |
| HOL REAR ATTACHMENT HEIGHT | | USA REAR UDDER HEIGHT | | -1.832 | 3.1448 | |
| HOL REAR TEAT PLACEMENT | | USA REAR TEAT PLACEMENT | | -0.796 | 3.5145 | |
| HOL ANGULARITY | | USA DAIRY FORM | | -3.483 | 4.5118 | |
| HOL BODY CONDITION SCORE | | USA BODY CONDITION SCORE | | 101.689 | -3.2387 | |

 -
 Conversion Factors For Type. Source = INTERBULL MACE 1708
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=ZAF

| | c | c | f | | | |
|-----------------|---|-----------------|---|---------|--------|---|
| | a | o | o | | b | t |
| b | n | u | r | a | v | c |
| r | r | t | r | a | a | o |
| e | a | r | a | l | l | r |
| e | i | y | i | u | u | r |
| d | t | 2 | t | e | e | 2 |
| HOL STATURE | | ZAF STATURE | | -65.388 | 0.5965 | |
| HOL CHEST WIDTH | | ZAF CHEST WIDTH | | -55.462 | 0.5487 | |
| HOL BODY DEPTH | | ZAF BODY DEPTH | | -48.957 | 0.4732 | |
| HOL PIN WIDTH | | ZAF RUMP WIDTH | | -47.646 | 0.4521 | |
| HOL RUMP ANGLE | | ZAF RUMP ANGLE | | -51.871 | 0.5258 | |
| HOL FOOT ANGLE | | ZAF FOOT ANGLE | | -49.964 | 0.4758 | |

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|----------------------------|--------------------------|---------|--------|
| HOL REAR LEGS SIDE VIEW | ZAF REAR LEG SET | -49.486 | 0.4940 |
| HOL REAR LEG REAR VIEW | ZAF REAR LEG REAR VIEW | -41.112 | 0.3984 |
| HOL UDDER DEPTH | ZAF UDDER DEPTH | -50.012 | 0.4769 |
| HOL MEDIAN SUSPENSORY | ZAF MEDIAN SUSPENSORY | -40.693 | 0.3792 |
| HOL FORE ATTACHMENT | ZAF FORE UDDER | -50.285 | 0.4780 |
| HOL TEAT PLACEMENT | ZAF FRONT TEAT PLACEMENT | -56.942 | 0.5634 |
| HOL TEAT LENGTH | ZAF TEAT LENGTH | -47.397 | 0.4756 |
| HOL REAR ATTACHMENT HEIGHT | ZAF REAR UDDER HEIGHT | -48.019 | 0.4401 |
| HOL REAR TEAT PLACEMENT | ZAF REAR TEAT PLACEMENT | -76.575 | 0.7561 |
| HOL ANGULARITY | ZAF ANGULARITY | -57.299 | 0.5202 |

CALCULATION OF FAT% AND PROTEIN% FOR AUGUST 2017

| BREED | BMILK | BFAT | BPRT |
|-------|-------|-------|-------|
| ----- | ----- | ----- | ----- |
| AYS | 7672 | 318 | 260 |
| BSW | 8289 | 350 | 293 |
| CN | 5609 | 247 | 202 |
| GUE | 6821 | 320 | 235 |
| JER | 6532 | 329 | 250 |
| HOL | 10090 | 390 | 324 |
| MS | 6661 | 257 | 220 |

$$EBVFAT\% = 200 * [(BFAT + EBVFAT * 0.5) / (BMILK + EBVMILK * 0.5) - (BFAT / BMILK)]$$

$$EBVPROT\% = 200 * [(BPRT + EBVPRT * 0.5) / (BMILK + EBVMILK * 0.5) - (BPRT / BMILK)]$$

EXAMPLE:

A HOLSTEIN bull has EBV MILK=+1000, EBVFAT=+50, EBVPROT=+40

$$\begin{aligned}
 EBVFAT\% &= 200 * [(390 + 50 * 0.5) / (10090 + 1000 * 0.5) - (390 / 1E4)] \\
 &= 200 * [(390 + 25) / (10090 + 500) - (0.03865)] \\
 &= 200 * [0.03919 - 0.03865] \\
 &= 200 * 0.00054 \\
 &= 0.11
 \end{aligned}$$

$$\begin{aligned}
 EBVPROT\% &= 200 * [(324 + 40 * 0.5) / (10090 + 1000 * 0.5) - (324 / 1E4)] \\
 &= 200 * [(324 + 20) / (10090 + 500) - (0.03211)] \\
 &= 200 * [0.03248 - 0.03211] \\
 &= 200 * 0.00037 \\
 &= 0.07
 \end{aligned}$$