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 Conversion Factors For Production Traits. Source: INTERBULL 1712  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = PCORR2\*Foreign Reliability

breed	country2	amilk	bmilk	afat	bfat	aprot	bprot	pcorr2
HOL	AUS	-506.90	1.5560	-3.900	1.6640	-5.400	1.5680	0.4761
HOL	BEL	-511.70	1.3581	-13.906	1.2886	-5.077	1.2059	0.6400
HOL	CHE	-909.30	1.1960	-13.900	1.1670	-17.600	1.1410	0.7225
HOL	CZE	93.20	0.9340	1.300	1.2460	10.100	1.0950	0.6400
HOL	DEU	-46.40	1.1960	5.700	1.1760	7.800	1.1720	0.7744
HOL	DFS	-6285.30	65.8460	-239.400	2.6110	-169.800	1.9540	0.8464
HOL	ESP	-113.30	1.3720	-7.700	1.3360	-1.700	1.3410	0.8100
HOL	EST	-299.80	1.3920	2.800	1.4060	2.100	1.2990	0.6561
HOL	FRA	424.00	1.0530	11.200	1.0320	22.400	1.0330	0.7569
HOL	GBR	-219.90	2.4960	-1.500	2.7500	-2.600	2.7650	0.7225
HOL	HRV	-5443.01	51.6110	-204.114	2.0210	-145.245	1.4678	0.6561
HOL	HUN	-14.50	0.9590	-1.000	0.9660	2.600	0.8730	0.6724
HOL	IRL	-1240.00	4.0360	-21.300	3.6240	-22.300	3.5530	0.5625
HOL	ISR	123.80	1.6820	23.400	1.7480	15.100	1.8010	0.6889
HOL	ITA	68.00	1.1760	-0.200	1.1460	5.200	1.0720	0.7569
HOL	JPN	331.60	1.1920	3.900	1.2050	9.100	1.2170	0.8281
HOL	KOR	-92.00	1.4820	-7.800	1.4150	-5.000	1.5010	0.6889
HOL	LTU	-1427.80	1.8290	-24.800	1.6220	-31.500	1.7160	0.6561
HOL	LVA	-471.50	1.6240	-2.000	1.3050	-3.700	1.6140	0.6400
HOL	MEX	260.47	1.6102	-1.828	1.8350	2.394	1.5041	0.6561
HOL	NLD	44.90	1.0460	15.200	1.0360	20.600	1.0190	0.7744
HOL	NZL	-2260.90	1.9890	-16.000	1.6330	-38.200	1.8980	0.4624
HOL	POL	-333.30	1.7140	-2.800	1.6960	-0.900	1.8260	0.7225
HOL	PRT	81.30	1.1100	-4.600	1.3180	3.100	1.1130	0.6400
HOL	SVK	-48.51	1.5707	-0.195	1.6143	5.568	1.5506	0.6400
HOL	SVN	-6530.60	60.0340	-268.500	2.5140	-195.000	1.8420	0.6561
HOL	URY	-169.66	3.4856	-7.817	3.6318	-0.962	3.2131	0.6400
HOL	USA	247.50	1.1000	3.800	1.1600	7.500	1.2010	0.8281
HOL	ZAF	-113.30	1.2650	-1.900	1.2100	0.500	1.2010	0.6400

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 Conversion Factors For SCS Traits. Source: INTERBULL 1712  
 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	1.556	0.4845	0.8281
HOL	CHE	5.000	-0.0200	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	1.020	0.0197	0.7744

HOL	HUN	2.900	0.1570	0.7744
HOL	IRL	3.000	2.1230	0.7744
HOL	ISR	2.900	0.9490	0.7225
HOL	ITA	7.000	-0.0400	0.7921
HOL	JPN	1.700	0.5800	0.7744
HOL	KOR	2.930	0.6837	0.7744
HOL	LTU	2.900	0.6820	0.7744
HOL	LVA	3.000	0.5060	0.7744
HOL	NLD	8.400	-0.0530	0.8281
HOL	NZL	3.100	0.5680	0.7396
HOL	POL	5.300	-0.0230	0.8100
HOL	PRT	3.000	0.5020	0.7744
HOL	SVK	1.367	0.5547	0.7744
HOL	SVN	5.200	-0.0220	0.7744
HOL	USA	-0.400	1.1570	0.8836
HOL	ZAF	3.002	0.0090	0.8100

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=AUS

	c	c	f			
	a	o	o		a	b
b	n	u	r		v	v
r	r	t	r		a	a
e	a	r	a		l	l
e	i	y	i		u	u
d	t	2	t		e	e
						t
						c
						o
						r
						r
						2
HOL CONFORMATION	AUS	GENERAL APPEARANCE	-80.473	0.7145	0.31	
HOL FEET AND LEGS	AUS	OVERALL FEET & LEG	-50.595	0.4451		
HOL MAMMARY SYSTEM	AUS	OVERALL UDDER SCORE	-106.050	0.9844		
HOL STATURE	AUS	STATURE	-128.970	1.2079		
HOL CHEST WIDTH	AUS	CHEST WIDTH	-72.164	0.7185		
HOL BODY DEPTH	AUS	BODY DEPTH	-91.696	0.9123		
HOL PIN WIDTH	AUS	PIN WIDTH	-104.290	1.0122		
HOL RUMP ANGLE	AUS	RUMP ANGLE	-98.786	0.9968		
HOL FOOT ANGLE	AUS	FOOT ANGLE	-83.651	0.7892		
HOL REAR LEGS SIDE VIEW	AUS	REAR LEG SET	-77.970	0.7852		
HOL REAR LEG REAR VIEW	AUS	REAR LEG REAR VIEW	-74.206	0.7115		
HOL UDDER DEPTH	AUS	UDDER DEPTH	-125.357	1.2154		
HOL MEDIAN SUSPENSORY	AUS	MEDIAN SUSPENSORY	-93.910	0.8757		
HOL FORE ATTACHMENT	AUS	FORE UDDER	-88.797	0.8414		
HOL FRONT TEAT PLACEMENT	AUS	FRONT TEAT PLACEMENT	-111.772	1.0916		
HOL TEAT LENGTH	AUS	TEAT LENGTH	-90.749	0.9134		
HOL REAR ATTACHMENT HEIGHT	AUS	REAR UDDER HEIGHT	-106.110	0.9964		
HOL REAR TEAT PLACEMENT	AUS	REAR TEAT PLACEMENT	-107.563	1.0621		
HOL ANGULARITY	AUS	ANGULARITY	-73.330	0.6589		

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)

Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=BEL

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	v	v	c
r	t	n	t	a	a	o
e	r	t	r	l	l	r
e	a	r	a	u	u	r
d	i	y	i	e	e	2
	t	2	t			
HOL CONFORMATION		BEL CONFORMATION		-4.638	3.4118	0.55
HOL FEET AND LEGS		BEL OVERALL FEET & LEG		-1.696	2.6030	
HOL MAMMARY SYSTEM		BEL OVERALL UDDER SCORE		-3.976	3.2125	
HOL STATURE		BEL STATURE		-4.024	5.0019	
HOL CHEST WIDTH		BEL CHEST WIDTH		-0.591	3.3487	
HOL BODY DEPTH		BEL BODY DEPTH		-1.096	3.3031	
HOL PIN WIDTH		BEL RUMP WIDTH		-1.830	3.8891	
HOL RUMP ANGLE		BEL RUMP ANGLE		1.035	3.5873	
HOL FOOT ANGLE		BEL FOOT ANGLE		-1.483	2.8582	
HOL REAR LEGS SIDE VIEW		BEL REAR LEG SET		-0.828	3.3644	
HOL REAR LEG REAR VIEW		BEL REAR LEG REAR VIEW		-0.568	2.8980	
HOL UDDER DEPTH		BEL UDDER DEPTH		-2.368	3.7741	
HOL MEDIAN SUSPENSORY		BEL MEDIAN SUSPENSORY		-3.425	3.0375	
HOL FORE ATTACHMENT		BEL FORE UDDER		-3.232	2.8098	
HOL TEAT PLACEMENT		BEL FRONT TEAT PLACEMENT		-1.913	4.0930	
HOL TEAT LENGTH		BEL TEAT LENGTH		0.199	3.4278	
HOL REAR ATTACHMENT HEIGHT		BEL REAR UDDER HEIGHT		-3.723	3.9436	
HOL REAR TEAT PLACEMENT		BEL REAR TEAT PLACEMENT		-2.348	4.1198	
HOL ANGULARITY		BEL ANGULARITY		-4.516	4.5499	
HOL BODY CONDITION SCORE		BEL BODY CONDITION SCORE		103.199	4.3463	

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=CHE

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	v	v	c
r	t	n	t	a	a	o
e	r	t	r	l	l	r
e	a	r	a	u	u	r
d	i	y	i	e	e	2
	t	2	t			
HOL CONFORMATION		CHE FINAL SCORE		-50.656	0.4701	0.85
HOL FEET AND LEGS		CHE OVERALL FEET & LEG		-48.421	0.4668	
HOL MAMMARY SYSTEM		CHE OVERALL UDDER SCORE		-48.951	0.4540	
HOL STATURE		CHE STATURE		-58.786	0.5333	
HOL CHEST WIDTH		CHE CHEST WIDTH		-49.030	0.4979	
HOL BODY DEPTH		CHE BODY DEPTH		-44.961	0.4398	
HOL PIN WIDTH		CHE RUMP WIDTH		-49.978	0.4776	
HOL RUMP ANGLE		CHE RUMP ANGLE		-49.434	0.5006	

HOL FOOT ANGLE	CHE FOOT ANGLE	-48.320	0.4633
HOL REAR LEGS SIDE VIEW	CHE REAR LEG SET	-51.287	0.5140
HOL REAR LEG REAR VIEW	CHE REAR LEG REAR VIEW	-41.266	0.4027
HOL UDDER DEPTH	CHE UDDER DEPTH	-44.159	0.4367
HOL MEDIAN SUSPENSORY	CHE MEDIAN SUSPENSORY	-50.483	0.4554
HOL FORE ATTACHMENT	CHE FORE UDDER	-45.630	0.4433
HOL FRONT TEAT PLACEMENT	CHE FRONT TEAT PLACEMENT	-51.532	0.4943
HOL TEAT LENGTH	CHE TEAT LENGTH	-45.739	0.4430
HOL REAR ATTACHMENT HEIGHT	CHE REAR UDDER HEIGHT	-52.868	0.5003
HOL REAR TEAT PLACEMENT	CHE REAR TEAT PLACEMENT	-52.689	0.4931
HOL ANGULARITY	CHE ANGULARITY	-61.302	0.5374
HOL BODY CONDITION SCORE	CHE BODY CONDITION SCORE	52.805	0.5238

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=CZE

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	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	CZE OVERALL SCORE	-42.996	0.3868	0.72		
HOL FEET AND LEGS	CZE OVERALL FEET & LEG	-32.180	0.2995			
HOL MAMMARY SYSTEM	CZE OVERALL UDDER SCORE	-41.340	0.3787			
HOL STATURE	CZE STATURE	-42.785	0.3852			
HOL CHEST WIDTH	CZE CHEST WIDTH	-38.134	0.3742			
HOL BODY DEPTH	CZE BODY DEPTH	-37.460	0.3587			
HOL PIN WIDTH	CZE RUMP WIDTH	-36.889	0.3475			
HOL RUMP ANGLE	CZE RUMP ANGLE	-37.615	0.3760			
HOL FOOT ANGLE	CZE FOOT ANGLE	-28.076	0.2682			
HOL REAR LEGS SIDE VIEW	CZE REAR LEG SET	-38.510	0.3785			
HOL REAR LEG REAR VIEW	CZE REAR LEG REAR VIEW	-31.853	0.3070			
HOL UDDER DEPTH	CZE UDDER DEPTH	-40.301	0.3776			
HOL MEDIAN SUSPENSORY	CZE MEDIAN SUSPENSORY	-38.253	0.3523			
HOL FORE ATTACHMENT	CZE FORE UDDER	-40.636	0.3756			
HOL FRONT TEAT PLACEMENT	CZE FRONT TEAT PLACEMENT	-38.403	0.3748			
HOL TEAT LENGTH	CZE TEAT LENGTH	-30.796	0.3118			
HOL REAR ATTACHMENT HEIGHT	CZE REAR UDDER HEIGHT	-40.168	0.3656			
HOL REAR TEAT PLACEMENT	CZE REAR TEAT PLACEMENT	-39.361	0.3814			
HOL ANGULARITY	CZE ANGULARITY	-44.285	0.3972			
HOL BODY CONDITION SCORE	CZE BODY CONDITION SCORE	64.527	0.3770			

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=DEU

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	v	v	c
r	t	n	t	a	a	o
e	r	t	r	l	l	r
e	a	r	a	u	u	r
d	i	y	i	e	e	2
	t	2	t			
HOL FEET AND LEGS		DEU OVERALL FEET & LEG		-45.997	0.4556	
HOL MAMMARY SYSTEM		DEU OVERALL UDDER SCORE		-42.093	0.3910	
HOL STATURE		DEU STATURE		-48.627	0.4393	
HOL CHEST WIDTH		DEU CHEST WIDTH		-47.883	0.4602	
HOL BODY DEPTH		DEU BODY DEPTH		-46.310	0.4408	
HOL PIN WIDTH		DEU RUMP WIDTH		-53.526	0.5044	
HOL RUMP ANGLE		DEU RUMP ANGLE		-48.838	0.4938	
HOL FOOT ANGLE		DEU FOOT ANGLE		-45.911	0.4472	
HOL REAR LEGS SIDE VIEW		DEU REAR LEG SET		-52.013	0.5119	
HOL REAR LEG REAR VIEW		DEU REAR LEG REAR VIEW		-52.233	0.5174	
HOL UDDER DEPTH		DEU UDDER DEPTH		-42.003	0.4052	
HOL MEDIAN SUSPENSORY		DEU MEDIAN SUSPENSORY		-49.248	0.4645	
HOL FORE ATTACHMENT		DEU FORE UDDER		-49.858	0.4732	
HOL FRONT TEAT PLACEMENT		DEU FRONT TEAT PLACEMENT		-43.862	0.4222	
HOL TEAT LENGTH		DEU TEAT LENGTH		-38.779	0.3908	
HOL REAR ATTACHMENT HEIGHT		DEU REAR UDDER HEIGHT		-43.358	0.4058	
HOL REAR TEAT PLACEMENT		DEU REAR TEAT PLACEMENT		-42.490	0.4052	
HOL ANGULARITY		DEU ANGULARITY		-51.530	0.4696	
HOL BODY CONDITION SCORE		DEU BODY CONDITION SCORE		58.767	0.4338	

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=DFS

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	v	v	c
r	t	n	t	a	a	o
e	r	t	r	l	l	r
e	a	r	a	u	u	r
d	i	y	i	e	e	2
	t	2	t			
HOL CONFORMATION		DFS OVERALL CONFORMATION		-54.145	0.4559	0.62
HOL FEET AND LEGS		DFS OVERALL FEET & LEG		-43.372	0.4240	
HOL MAMMARY SYSTEM		DFS OVERALL UDDER SCORE		-41.229	0.3814	
HOL STATURE		DFS STATURE		-57.081	0.5120	
HOL CHEST WIDTH		DFS CHEST WIDTH		-52.149	0.4888	
HOL BODY DEPTH		DFS BODY DEPTH		-52.009	0.4640	
HOL PIN WIDTH		DFS RUMP WIDTH		-50.298	0.4531	
HOL RUMP ANGLE		DFS RUMP ANGLE		-50.086	0.5084	
HOL FOOT ANGLE		DFS FOOT ANGLE		-45.379	0.4346	
HOL REAR LEGS SIDE VIEW		DFS REAR LEG SET		-47.002	0.4690	
HOL REAR LEG REAR VIEW		DFS REAR LEG REAR VIEW		-48.138	0.4654	
HOL UDDER DEPTH		DFS UDDER DEPTH		-44.936	0.4535	

HOL MEDIAN SUSPENSORY	DFS MEDIAN SUSPENSORY	-43.398	0.3824
HOL FORE ATTACHMENT	DFS FORE UDDER	-48.533	0.4521
HOL FRONT TEAT PLACEMENT	DFS FRONT TEAT PLACEMENT	-54.588	0.5352
HOL TEAT LENGTH	DFS TEAT LENGTH	-47.370	0.4791
HOL REAR ATTACHMENT HEIGHT	DFS REAR UDDER HEIGHT	-47.508	0.4381
HOL REAR TEAT PLACEMENT	DFS REAR TEAT PLACEMENT	-54.951	0.5221
HOL ANGULARITY	DFS DAIRY FORM	-63.008	0.5548
HOL BODY CONDITION SCORE	DFS BODY CONDITION SCORE	55.814	0.4756

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=ESP

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	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	ESP FINAL CLASS	-5.404	6.1834	0.62		
HOL FEET AND LEGS	ESP OVERALL FEET & LEG	-2.506	5.8011			
HOL MAMMARY SYSTEM	ESP OVERALL UDDER SCORE	-4.838	5.4607			
HOL STATURE	ESP STATURE	-5.181	6.4158			
HOL CHEST WIDTH	ESP CHEST WIDTH	-0.544	5.3967			
HOL BODY DEPTH	ESP BODY DEPTH	-1.403	4.8925			
HOL PIN WIDTH	ESP PIN WIDTH	-2.099	5.5024			
HOL RUMP ANGLE	ESP RUMP ANGLE	-0.233	5.1394			
HOL FOOT ANGLE	ESP FOOT ANGLE	-1.730	5.4995			
HOL REAR LEGS SIDE VIEW	ESP REAR LEG SET	-0.904	4.9673			
HOL REAR LEG REAR VIEW	ESP REAR LEG REAR VIEW	-0.686	5.1359			
HOL UDDER DEPTH	ESP UDDER DEPTH	-3.752	4.8913			
HOL MEDIAN SUSPENSORY	ESP MEDIAN SUSPENSORY	-3.677	5.8578			
HOL FORE ATTACHMENT	ESP FORE UDDER	-4.480	5.8687			
HOL FRONT TEAT PLACEMENT	ESP FRONT TEAT PLACEMENT	-2.142	5.9160			
HOL TEAT LENGTH	ESP TEAT LENGTH	0.464	4.7001			
HOL REAR ATTACHMENT HEIGHT	ESP REAR UDDER HEIGHT	-4.809	5.7347			
HOL REAR TEAT PLACEMENT	ESP REAR TEAT PLACEMENT	-2.482	6.1782			
HOL ANGULARITY	ESP ANGULARITY	-5.140	7.0805			
HOL BODY CONDITION SCORE	ESP BODY CONDITION SCORE	103.097	5.2879			

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=EST

	c	c	f			
	a	o	o	a	b	t
n	u	r	r	v	v	c

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	EST OVERALL CONFORMATION	-48.982	0.4100	0.59
HOL FEET AND LEGS	EST OVERALL FEET & LEG	-26.512	0.2271	
HOL MAMMARY SYSTEM	EST OVERALL UDDER SCORE	-45.599	0.3874	
HOL STATURE	EST STATURE	-54.011	0.4705	
HOL CHEST WIDTH	EST CHEST WIDTH	-36.402	0.3470	
HOL BODY DEPTH	EST BODY DEPTH	-36.694	0.3437	
HOL PIN WIDTH	EST RUMP WIDTH	-44.425	0.4014	
HOL RUMP ANGLE	EST RUMP ANGLE	-37.741	0.3860	
HOL FOOT ANGLE	EST FOOT ANGLE	-33.251	0.3012	
HOL REAR LEGS SIDE VIEW	EST REAR LEG SET	-38.215	0.3774	
HOL REAR LEG REAR VIEW	EST REAR LEG REAR VIEW	-28.743	0.2685	
HOL UDDER DEPTH	EST UDDER DEPTH	-45.545	0.4083	
HOL MEDIAN SUSPENSORY	EST MEDIAN SUSPENSORY	-40.182	0.3457	
HOL FORE ATTACHMENT	EST FORE UDDER	-40.781	0.3478	
HOL FRONT TEAT PLACEMENT	EST FRONT TEAT PLACEMENT	-46.964	0.4380	
HOL TEAT LENGTH	EST TEAT LENGTH	-34.793	0.3532	
HOL REAR ATTACHMENT HEIGHT	EST REAR UDDER HEIGHT	-42.205	0.3623	
HOL REAR TEAT PLACEMENT	EST REAR TEAT PLACEMENT	-46.470	0.4301	
HOL ANGULARITY	EST ANGULARITY	-38.801	0.3217	
HOL BODY CONDITION SCORE	EST BODY CONDITION SCORE	62.487	0.3973	

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=FRA

	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 STATURE	FRA STATURE	-3.188	5.2985
HOL CHEST WIDTH	FRA CHEST DEPTH	0.319	4.7823
HOL BODY DEPTH	FRA BODY DEPTH	-1.099	3.3970
HOL PIN WIDTH	FRA RUMP WIDTH	-1.517	5.0862
HOL RUMP ANGLE	FRA RUMP ANGLE	1.908	5.3189
HOL FOOT ANGLE	FRA HEEL DEPTH	-1.476	4.9468
HOL REAR LEGS SIDE VIEW	FRA REAR LEG SET	-0.295	4.9573
HOL REAR LEG REAR VIEW	FRA REAR LEG REAR VIEW	-1.621	4.8875
HOL UDDER DEPTH	FRA UDDER DEPTH	-2.791	4.6509
HOL MEDIAN SUSPENSORY	FRA MEDIAN SUSPENSORY	-3.368	4.2515
HOL FORE ATTACHMENT	FRA FORE UDDER	-4.213	5.1764
HOL FRONT TEAT PLACEMENT	FRA FRONT TEAT PLACEMENT	-1.020	5.2552
HOL TEAT LENGTH	FRA TEAT LENGTH	1.022	5.1369
HOL REAR ATTACHMENT HEIGHT	FRA REAR UDDER HEIGHT	-3.909	4.8153
HOL REAR TEAT PLACEMENT	FRA REAR TEAT PLACEMENT	-1.534	5.5848

HOL ANGULARITY	FRA ANGULARITY	-4.048	5.7861
HOL BODY CONDITION SCORE	FRA BODY CONDITION SCORE	103.003	5.8008

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=GBR

	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 MAMMARY SYSTEM		GBR OVERALL UDDER SCORE		-2.834	5.0752	
HOL STATURE		GBR STATURE		-3.063	4.8648	
HOL CHEST WIDTH		GBR CHEST WIDTH		-1.302	4.2804	
HOL BODY DEPTH		GBR BODY DEPTH		-0.696	4.1213	
HOL PIN WIDTH		GBR RUMP WIDTH		-1.594	4.8050	
HOL RUMP ANGLE		GBR RUMP ANGLE		0.125	4.5622	
HOL FOOT ANGLE		GBR FOOT ANGLE		-1.189	4.0866	
HOL REAR LEGS SIDE VIEW		GBR REAR LEG SET		-0.024	4.2290	
HOL REAR LEG REAR VIEW		GBR REAR LEG REAR VIEW		-0.979	3.2334	
HOL UDDER DEPTH		GBR UDDER DEPTH		-1.293	4.7138	
HOL MEDIAN SUSPENSORY		GBR MEDIAN SUSPENSORY		-2.298	4.4138	
HOL FORE ATTACHMENT		GBR FORE UDDER		-1.782	4.8580	
HOL TEAT PLACEMENT		GBR FRONT TEAT PLACEMENT		-0.834	4.8278	
HOL TEAT LENGTH		GBR TEAT LENGTH		-0.076	4.0565	
HOL REAR ATTACHMENT HEIGHT		GBR REAR UDDER HEIGHT		-2.580	4.0624	
HOL REAR TEAT PLACEMENT		GBR REAR TEAT PLACEMENT		-0.965	4.6064	
HOL ANGULARITY		GBR ANGULARITY		-3.107	5.5848	
HOL BODY CONDITION SCORE		GBR BODY CONDITION SCORE		100.956	4.8739	

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=HUN

	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 CONFORMATION		HUN OVERALL CONFORMATION		-5.470	4.8963	0.66
HOL FEET AND LEGS		HUN OVERALL FEET & LEG		-2.511	3.1750	



HOL MAMMARY SYSTEM	HUN OVERALL UDDER SCORE	-3.632	4.3854
HOL STATURE	HUN STATURE	-6.063	5.9561
HOL CHEST WIDTH	HUN CHEST WIDTH	-1.585	4.9477
HOL BODY DEPTH	HUN BODY DEPTH	-2.043	4.1527
HOL PIN WIDTH	HUN RUMP WIDTH	-3.459	5.3797
HOL RUMP ANGLE	HUN RUMP ANGLE	0.014	5.6891
HOL FOOT ANGLE	HUN FOOT ANGLE	-1.627	4.9618
HOL REAR LEGS SIDE VIEW	HUN REAR LEG SET	-1.253	5.5384
HOL REAR LEG REAR VIEW	HUN REAR LEG REAR VIEW	-1.628	4.4313
HOL UDDER DEPTH	HUN UDDER DEPTH	-2.415	5.0188
HOL MEDIAN SUSPENSORY	HUN MEDIAN SUSPENSORY	-2.790	4.7169
HOL FORE ATTACHMENT	HUN FORE UDDER	-2.758	5.0562
HOL FRONT TEAT PLACEMENT	HUN FRONT TEAT PLACEMENT	-1.066	5.8934
HOL TEAT LENGTH	HUN TEAT LENGTH	1.163	4.6692
HOL REAR ATTACHMENT HEIGHT	HUN REAR UDDER HEIGHT	-4.768	5.3939
HOL REAR TEAT PLACEMENT	HUN REAR TEAT PLACEMENT	-1.025	5.2939
HOL ANGULARITY	HUN ANGULARITY	-5.496	4.9366
HOL BODY CONDITION SCORE	HUN BODY CONDITION SCORE	102.621	5.6357

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=IRL

	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	IRL CONFORMATION	-11.412	4.3849	0.52		
HOL FEET AND LEGS	IRL OVERALL FEET & LEG	-4.564	3.3979			
HOL MAMMARY SYSTEM	IRL OVERALL UDDER SCORE	-7.740	4.5237			
HOL STATURE	IRL STATURE	-9.876	6.8298			
HOL CHEST WIDTH	IRL CHEST WIDTH	-1.333	3.5177			
HOL BODY DEPTH	IRL BODY DEPTH	-2.266	3.7993			
HOL PIN WIDTH	IRL RUMP WIDTH	-5.331	2.9338			
HOL RUMP ANGLE	IRL RUMP ANGLE	-0.399	3.1817			
HOL FOOT ANGLE	IRL FOOT ANGLE	-4.093	3.2772			
HOL REAR LEGS SIDE VIEW	IRL REAR LEG SET	-0.694	2.8313			
HOL REAR LEG REAR VIEW	IRL REAR LEG REAR VIEW	-2.601	2.6864			
HOL UDDER DEPTH	IRL UDDER DEPTH	-4.962	3.8412			
HOL MEDIAN SUSPENSORY	IRL MEDIAN SUSPENSORY	-7.129	4.1466			
HOL FORE ATTACHMENT	IRL FORE UDDER	-5.284	3.8811			
HOL TEAT PLACEMENT	IRL FRONT TEAT PLACEMENT	-4.655	4.0802			
HOL TEAT LENGTH	IRL TEAT LENGTH	0.240	3.0102			
HOL REAR ATTACHMENT HEIGHT	IRL REAR UDDER HEIGHT	-6.687	3.8092			
HOL REAR TEAT PLACEMENT	IRL REAR TEAT PLACEMENT	-4.448	4.2001			
HOL ANGULARITY	IRL ANGULARITY	-10.510	7.8233			
HOL BODY CONDITION SCORE	IRL BODY CONDITION SCORE	105.588	5.2999			

Conversion Factors For Type. Source = INTERBULL MACE 1712  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=ITA

	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		ITA FINAL SCORE		-4.610	5.9990	0.67
HOL FEET AND LEGS		ITA OVERALL FEET & LEG		-1.504	2.7522	
HOL MAMMARY SYSTEM		ITA OVERALL UDDER SCORE		-3.747	4.6404	
HOL STATURE		ITA STATURE		-4.557	4.6333	
HOL CHEST WIDTH		ITA STRENGTH		-1.107	3.6819	
HOL BODY DEPTH		ITA BODY DEPTH		-1.664	3.2336	
HOL PIN WIDTH		ITA RUMP WIDTH		-2.598	3.8503	
HOL RUMP ANGLE		ITA RUMP ANGLE		0.359	3.8127	
HOL FOOT ANGLE		ITA FOOT ANGLE		-1.680	3.0767	
HOL REAR LEGS SIDE VIEW		ITA REAR LEG SET		-0.819	3.7956	
HOL REAR LEG REAR VIEW		ITA REAR LEG REAR VIEW		-1.126	2.6448	
HOL UDDER DEPTH		ITA UDDER DEPTH		-2.740	3.6503	
HOL MEDIAN SUSPENSORY		ITA MEDIAN SUSPENSORY		-2.224	3.2135	
HOL FORE ATTACHMENT		ITA FORE UDDER		-3.425	3.5567	
HOL FRONT TEAT PLACEMENT		ITA FRONT TEAT PLACEMENT		-1.396	4.1077	
HOL TEAT LENGTH		ITA TEAT LENGTH		-0.027	3.1998	
HOL REAR ATTACHMENT HEIGHT		ITA REAR UDDER HEIGHT		-3.611	3.4053	
HOL REAR TEAT PLACEMENT		ITA REAR TEAT PLACEMENT		-1.003	3.9174	
HOL ANGULARITY		ITA ANGULARITY		-4.492	4.4512	
HOL BODY CONDITION SCORE		ITA BODY CONDITION SCORE		18.134	0.8438	

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 Conversion Factors For Type. Source = INTERBULL MACE 1712  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=JPN

	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		JPN OVERALL CONFORMATION		-4.405	7.5057	0.79
HOL FEET AND LEGS		JPN OVERALL FEET & LEG		-2.530	8.1075	
HOL MAMMARY SYSTEM		JPN OVERALL UDDER SCORE		-3.599	6.8067	
HOL STATURE		JPN STATURE		-3.970	4.4895	
HOL CHEST WIDTH		JPN CHEST WIDTH		-1.629	3.2012	

HOL BODY DEPTH	JPN BODY DEPTH	-1.814	2.7595
HOL PIN WIDTH	JPN RUMP WIDTH	-2.514	3.7421
HOL RUMP ANGLE	JPN RUMP ANGLE	0.317	3.9774
HOL FOOT ANGLE	JPN FOOT ANGLE	-1.460	2.1133
HOL REAR LEGS SIDE VIEW	JPN REAR LEG SET	0.034	3.3781
HOL REAR LEG REAR VIEW	JPN REAR LEG REAR VIEW	-1.489	3.0239
HOL UDDER DEPTH	JPN UDDER DEPTH	-2.700	4.0047
HOL MEDIAN SUSPENSORY	JPN MEDIAN SUSPENSORY	-2.135	2.5869
HOL FORE ATTACHMENT	JPN FORE UDDER	-2.929	3.6018
HOL FRONT TEAT PLACEMENT	JPN FRONT TEAT PLACEMENT	-1.302	3.7934
HOL TEAT LENGTH	JPN TEAT LENGTH	0.545	3.6979
HOL REAR ATTACHMENT HEIGHT	JPN REAR UDDER HEIGHT	-3.322	3.5779
HOL REAR TEAT PLACEMENT	JPN REAR TEAT PLACEMENT	-0.954	3.7433
HOL ANGULARITY	JPN ANGULARITY	-3.259	3.8436
HOL BODY CONDITION SCORE	JPN BODY CONDITION SCORE	101.047	3.2488

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=KOR

	c	c	f			
	a	o	o		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	KOR CONFORMATION	-8.463	0.5521	0.48		
HOL STATURE	KOR STATURE	-7.757	1.1962			
HOL CHEST WIDTH	KOR CHEST WIDTH	0.145	1.5625			
HOL BODY DEPTH	KOR BODY DEPTH	-0.695	1.1983			
HOL PIN WIDTH	KOR RUMP WIDTH	-3.258	1.3311			
HOL RUMP ANGLE	KOR RUMP ANGLE	-0.177	1.1149			
HOL FOOT ANGLE	KOR FOOT ANGLE	-3.176	2.9447			
HOL REAR LEGS SIDE VIEW	KOR REAR LEG SET	0.817	2.3164			
HOL REAR LEG REAR VIEW	KOR REAR LEG REAR VIEW	-1.864	2.4215			
HOL UDDER DEPTH	KOR UDDER DEPTH	-6.628	0.9206			
HOL MEDIAN SUSPENSORY	KOR MEDIAN SUSPENSORY	-4.833	1.6130			
HOL FORE ATTACHMENT	KOR FORE UDDER	-4.831	1.2580			
HOL TEAT PLACEMENT	KOR FRONT TEAT PLACEMENT	-5.164	1.5557			
HOL TEAT LENGTH	KOR TEAT LENGTH	1.527	1.0552			
HOL REAR ATTACHMENT HEIGHT	KOR REAR UDDER HEIGHT	-6.245	1.3098			
HOL REAR TEAT PLACEMENT	KOR REAR TEAT PLACEMENT	-3.080	2.3088			
HOL ANGULARITY	KOR ANGULARITY	-5.612	2.1067			
HOL BODY CONDITION SCORE	KOR BODY CONDITION SCORE	102.635	1.9598			

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=NLD

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	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		NLD OVERALL CONFORMATION		-154.341	1.4634	0.61
HOL FEET AND LEGS		NLD OVERALL FEET & LEG		-86.031	0.8432	
HOL MAMMARY SYSTEM		NLD OVERALL UDDER SCORE		-111.511	1.0543	
HOL STATURE		NLD STATURE		-127.851	1.2138	
HOL CHEST WIDTH		NLD CHEST WIDTH		-125.411	1.2511	
HOL BODY DEPTH		NLD BODY DEPTH		-91.451	0.8890	
HOL PIN WIDTH		NLD PIN WIDTH		-121.230	1.1771	
HOL RUMP ANGLE		NLD RUMP ANGLE		-112.215	1.1495	
HOL FOOT ANGLE		NLD CLAW DIAGONAL		-97.765	0.9595	
HOL REAR LEGS SIDE VIEW		NLD REAR LEG SET		-109.982	1.0799	
HOL REAR LEG REAR VIEW		NLD REAR LEG REAR VIEW		-122.096	1.2143	
HOL UDDER DEPTH		NLD UDDER DEPTH		-109.840	1.0608	
HOL MEDIAN SUSPENSORY		NLD MEDIAN SUSPENSORY		-112.549	1.0701	
HOL FORE ATTACHMENT		NLD FORE UDDER		-110.557	1.0587	
HOL FRONT TEAT PLACEMENT		NLD FRONT TEAT PLACEMENT		-124.833	1.2277	
HOL TEAT LENGTH		NLD TEAT LENGTH		-103.557	1.0373	
HOL REAR ATTACHMENT HEIGHT		NLD REAR UDDER HEIGHT		-100.220	0.9473	
HOL REAR TEAT PLACEMENT		NLD REAR TEAT PLACEMENT		-124.906	1.2235	
HOL ANGULARITY		NLD ANGULARITY		-116.669	1.0840	
HOL BODY CONDITION SCORE		NLD BODY CONDITION SCORE		-13.895	1.1896	

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=NZL

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	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		NZL OVERALL CONFORMATION		-20.403	13.3187	0.41
HOL MAMMARY SYSTEM		NZL OVERALL UDDER SCORE		-15.920	11.5169	
HOL STATURE		NZL STATURE		-29.057	11.4209	
HOL CHEST WIDTH		NZL CHEST WIDTH		-3.540	12.1503	
HOL BODY DEPTH		NZL BODY DEPTH		-5.174	10.6115	
HOL PIN WIDTH		NZL RUMP WIDTH		-14.897	17.0655	
HOL RUMP ANGLE		NZL RUMP ANGLE		-0.395	16.5854	
HOL REAR LEGS SIDE VIEW		NZL REAR LEG SET		4.045	26.4512	
HOL MEDIAN SUSPENSORY		NZL MEDIAN SUSPENSORY		-14.271	9.8407	
HOL FORE ATTACHMENT		NZL FORE UDDER		-11.339	12.4589	

HOL FRONT TEAT PLACEMENT	NZL FRONT TEAT PLACEMENT	-10.081	18.9991
HOL REAR ATTACHMENT HEIGHT	NZL REAR UDDER HEIGHT	-13.367	11.8631
HOL REAR TEAT PLACEMENT	NZL REAR TEAT PLACEMENT	-11.504	12.5612

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=POL

	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		POL OVERALL CONFORMATION		-85.363	0.7465	0.49
HOL FEET AND LEGS		POL OVERALL FEET & LEG		-51.573	0.4615	
HOL MAMMARY SYSTEM		POL OVERALL UDDER SCORE		-75.316	0.6587	
HOL STATURE		POL STATURE		-85.645	0.7579	
HOL CHEST WIDTH		POL CHEST WIDTH		-47.088	0.4560	
HOL BODY DEPTH		POL BODY DEPTH		-43.364	0.4082	
HOL PIN WIDTH		POL RUMP WIDTH		-55.313	0.5073	
HOL RUMP ANGLE		POL RUMP ANGLE		-48.334	0.4858	
HOL FOOT ANGLE		POL FOOT ANGLE		-48.804	0.4480	
HOL REAR LEGS SIDE VIEW		POL REAR LEG SET		-45.930	0.4570	
HOL REAR LEG REAR VIEW		POL REAR LEG REAR VIEW		-44.468	0.4227	
HOL UDDER DEPTH		POL UDDER DEPTH		-61.901	0.5607	
HOL MEDIAN SUSPENSORY		POL MEDIAN SUSPENSORY		-59.104	0.5266	
HOL FORE ATTACHMENT		POL FORE UDDER		-58.831	0.5216	
HOL FRONT TEAT PLACEMENT		POL FRONT TEAT PLACEMENT		-65.875	0.6106	
HOL TEAT LENGTH		POL TEAT LENGTH		-43.551	0.4452	
HOL REAR ATTACHMENT HEIGHT		POL REAR UDDER HEIGHT		-71.073	0.6282	
HOL REAR TEAT PLACEMENT		POL REAR TEAT PLACEMENT		-56.556	0.5380	
HOL ANGULARITY		POL ANGULARITY		-88.594	0.7800	

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
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	-6.162	15.9991	0.56
HOL FEET AND LEGS	PRT OVERALL FEET & LEG	-2.292	20.2578	
HOL MAMMARY SYSTEM	PRT OVERALL UDDER SCORE	-5.005	9.6391	
HOL STATURE	PRT STATURE	-7.532	3.8823	
HOL CHEST WIDTH	PRT CHEST WIDTH	-1.254	2.2682	
HOL BODY DEPTH	PRT BODY DEPTH	-1.929	2.0819	
HOL PIN WIDTH	PRT RUMP WIDTH	-3.815	3.0331	
HOL RUMP ANGLE	PRT RUMP ANGLE	0.864	3.0919	
HOL FOOT ANGLE	PRT FOOT ANGLE	-2.839	1.7267	
HOL REAR LEGS SIDE VIEW	PRT REAR LEG SET	-0.501	1.9887	
HOL REAR LEG REAR VIEW	PRT REAR LEG REAR VIEW	-1.547	1.7532	
HOL UDDER DEPTH	PRT UDDER DEPTH	-4.699	2.8494	
HOL MEDIAN SUSPENSORY	PRT MEDIAN SUSPENSORY	-4.330	2.1317	
HOL FORE ATTACHMENT	PRT FORE UDDER	-5.890	2.1007	
HOL TEAT PLACEMENT	PRT FRONT TEAT PLACEMENT	-3.838	3.1523	
HOL TEAT LENGTH	PRT TEAT LENGTH	0.599	2.2907	
HOL REAR ATTACHMENT HEIGHT	PRT REAR UDDER HEIGHT	-6.605	2.6389	
HOL REAR TEAT PLACEMENT	PRT REAR TEAT PLACEMENT	-3.014	3.1279	
HOL ANGULARITY	PRT ANGULARITY	-8.319	3.6484	
HOL BODY CONDITION SCORE	PRT BODY CONDITION SCORE	103.284	2.4095	

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Conversion Factors For Type. Source = INTERBULL MACE 1712  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=SVN

	c	c	f			
	a	o	o		b	t
b	n	u	r	a	v	c
r	t	n	t	v	v	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	-39.280	0.2724	0.58		
HOL FEET AND LEGS	SVN OVERALL FEET & LEG	-24.339	0.1869			
HOL MAMMARY SYSTEM	SVN OVERALL UDDER SCORE	-36.436	0.2576			
HOL STATURE	SVN STATURE	-48.685	0.3646			
HOL CHEST WIDTH	SVN CHEST WIDTH	-27.009	0.2498			
HOL BODY DEPTH	SVN BODY DEPTH	-26.264	0.2224			
HOL PIN WIDTH	SVN RUMP WIDTH	-29.057	0.2411			
HOL RUMP ANGLE	SVN RUMP ANGLE	-31.095	0.3170			
HOL FOOT ANGLE	SVN FOOT ANGLE	-25.814	0.2245			
HOL REAR LEGS SIDE VIEW	SVN REAR LEG SET	-25.648	0.2522			
HOL REAR LEG REAR VIEW	SVN REAR LEG REAR VIEW	-24.316	0.2129			
HOL UDDER DEPTH	SVN UDDER DEPTH	-37.560	0.3112			
HOL MEDIAN SUSPENSORY	SVN MEDIAN SUSPENSORY	-31.404	0.2344			
HOL FORE ATTACHMENT	SVN FORE UDDER	-32.280	0.2375			
HOL TEAT PLACEMENT	SVN FRONT TEAT PLACEMENT	-39.878	0.3291			
HOL TEAT LENGTH	SVN TEAT LENGTH	-26.040	0.2745			
HOL REAR ATTACHMENT HEIGHT	SVN REAR UDDER HEIGHT	-39.583	0.3003			
HOL REAR TEAT PLACEMENT	SVN REAR TEAT PLACEMENT	-44.330	0.3679			
HOL ANGULARITY	SVN ANGULARITY	-30.887	0.2031			
HOL BODY CONDITION SCORE	SVN BODY CONDITION SCORE	84.179	0.2146			

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 Conversion Factors For Type. Source = INTERBULL MACE 1712  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=USA

	c	c	f			
	a	o	o		b	t
b	n	u	r	a	v	c
r	t	n	t	v	v	c
e	r	t	r	a	a	o
e	a	r	a	l	l	r
d	i	y	i	u	u	r
	t	2	t	e	e	2
HOL CONFORMATION		USA PTA TYPE (FINAL SCORE)		-2.255	5.2743	0.71
HOL FEET AND LEGS		USA FEET & LEGS SCORE		-0.938	3.7503	
HOL MAMMARY SYSTEM		USA UDDER COMPOSITE		-0.987	4.5194	
HOL STATURE		USA STATURE		-2.776	4.4391	
HOL CHEST WIDTH		USA STRENGTH		-0.417	4.2391	
HOL BODY DEPTH		USA BODY DEPTH		-1.298	3.2487	
HOL PIN WIDTH		USA THURL WIDTH		-1.207	3.9730	
HOL RUMP ANGLE		USA RUMP ANGLE		-0.414	4.0492	
HOL FOOT ANGLE		USA FOOT ANGLE		-0.910	3.6049	
HOL REAR LEGS SIDE VIEW		USA REAR LEGS - SIDE VIEW		0.050	3.8321	
HOL REAR LEG REAR VIEW		USA REAR LEGS - REAR VIEW		-0.247	3.2167	
HOL UDDER DEPTH		USA UDDER DEPTH		-0.590	3.6310	
HOL MEDIAN SUSPENSORY		USA UDDER CLEFT		-1.359	3.3473	
HOL FORE ATTACHMENT		USA FORE ATTACHMENT		-0.925	3.5910	
HOL FRONT TEAT PLACEMENT		USA FRONT TEAT PLACEMENT		-0.022	3.9878	
HOL TEAT LENGTH		USA TEAT LENGTH		-0.084	3.7670	
HOL REAR ATTACHMENT HEIGHT		USA REAR UDDER HEIGHT		-1.824	3.1285	
HOL REAR TEAT PLACEMENT		USA REAR TEAT PLACEMENT		-0.818	3.4985	
HOL ANGULARITY		USA DAIRY FORM		-3.445	4.5113	
HOL BODY CONDITION SCORE		USA BODY CONDITION SCORE		101.679	-3.2637	

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 Conversion Factors For Type. Source = INTERBULL MACE 1712  
 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	t	n	t	v	v	c
e	r	t	r	a	a	o
e	a	r	a	l	l	r
d	i	y	i	u	u	r
	t	2	t	e	e	2
HOL STATURE		ZAF STATURE		-65.503	0.5980	
HOL CHEST WIDTH		ZAF CHEST WIDTH		-55.048	0.5446	
HOL BODY DEPTH		ZAF BODY DEPTH		-48.743	0.4717	

HOL PIN WIDTH	ZAF RUMP WIDTH	-47.530	0.4513
HOL RUMP ANGLE	ZAF RUMP ANGLE	-51.860	0.5255
HOL FOOT ANGLE	ZAF FOOT ANGLE	-50.015	0.4767
HOL REAR LEGS SIDE VIEW	ZAF REAR LEG SET	-49.584	0.4950
HOL REAR LEG REAR VIEW	ZAF REAR LEG REAR VIEW	-41.366	0.4018
HOL UDDER DEPTH	ZAF UDDER DEPTH	-49.979	0.4767
HOL MEDIAN SUSPENSORY	ZAF MEDIAN SUSPENSORY	-40.362	0.3762
HOL FORE ATTACHMENT	ZAF FORE UDDER	-50.278	0.4783
HOL TEAT PLACEMENT	ZAF FRONT TEAT PLACEMENT	-56.973	0.5640
HOL TEAT LENGTH	ZAF TEAT LENGTH	-47.529	0.4770
HOL REAR ATTACHMENT HEIGHT	ZAF REAR UDDER HEIGHT	-48.197	0.4427
HOL REAR TEAT PLACEMENT	ZAF REAR TEAT PLACEMENT	-76.541	0.7555
HOL ANGULARITY	ZAF ANGULARITY	-57.335	0.5209

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CALCULATION OF FAT% AND PROTEIN% FOR DECEMBER 2017

BREED	BMILK	BFAT	BPRT
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AYS	7672	318	259
BSW	8298	351	293
CN	5624	246	202
GUE	6778	314	234
JER	6549	329	251
HOL	10093	391	324
MS	6673	258	221

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

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

EXAMPLE:

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

$$\begin{aligned}
 EBVFAT\% &= 200 * [(391+50*0.5)/(10093+1000*0.5)-(391/1E4)] \\
 &= 200 * [(391+25)/(10093+500)-(0.03874)] \\
 &= 200 * [0.03927 - 0.03874] \\
 &= 200 * 0.00053 \\
 &= 0.11
 \end{aligned}$$

$$\begin{aligned}
 EBVPROT\% &= 200 * [(324+40*0.5)/(10093+1000*0.5)-(324/1E4)] \\
 &= 200 * [(324+20)/(10093+500)-(0.03210)] \\
 &= 200 * [0.03247 - 0.03210] \\
 &= 200 * 0.00037 \\
 &= 0.07
 \end{aligned}$$