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 Conversion Factors For Production Traits. Source: INTERBULL 2112
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = PCORR2*Foreign Reliability

breed	country2	amilk	bmilk	afat	bfat	aprot	bprot	pcorr2
HOL	AUS	-688.80	1.5310	-17.400	1.7050	-14.600	1.4960	0.4489
HOL	BEL	-445.30	1.4080	-17.200	1.5230	-9.788	1.2201	0.6400
HOL	CHE	-1010.00	1.2700	-21.800	1.2010	-21.700	1.2220	0.7056
HOL	CZE	46.10	1.0680	-0.800	1.3670	7.900	1.2740	0.6241
HOL	DEU	132.90	1.1730	5.000	1.1940	11.500	1.1790	0.8281
HOL	DFS	-6697.50	68.1440	-261.100	2.7720	-183.000	2.0480	0.8281
HOL	ESP	-154.40	1.4310	-19.300	1.4510	-8.500	1.4520	0.8281
HOL	EST	-283.70	1.3260	-3.000	1.3460	-0.600	1.2480	0.6889
HOL	FRA	171.50	1.1370	0.800	1.1180	14.000	1.1350	0.7396
HOL	GBR	-297.50	2.3810	-3.400	2.5980	-3.000	2.6290	0.7225
HOL	HRV	-5409.18	49.9579	-206.013	1.9281	-145.073	1.4088	0.5041
HOL	HUN	185.50	0.8880	0.200	0.8970	7.000	0.7950	0.6561
HOL	IRL	-1683.60	4.0510	-43.700	3.7650	-37.900	3.4360	0.5625
HOL	ISR	70.60	1.6950	16.800	1.6480	13.300	1.7860	0.6241
HOL	ITA	17.60	1.1440	-4.900	1.1390	2.200	1.0680	0.7396
HOL	JPN	322.20	1.2470	-1.400	1.2530	6.900	1.2870	0.8281
HOL	KOR	-239.40	1.4470	-21.700	1.5350	-14.100	1.5330	0.6724
HOL	LTU	-2085.90	1.5930	-50.700	1.1960	-53.500	1.4610	0.4900
HOL	LVA	-350.50	1.5130	-9.700	1.4530	-3.700	1.5560	0.5625
HOL	NLD	-67.50	1.0570	8.800	1.0610	16.300	1.0430	0.7569
HOL	NZL	-2567.70	1.6490	-35.300	1.3560	-47.000	1.2880	0.3249
HOL	POL	-175.20	1.7610	-5.800	1.6960	1.400	1.8100	0.7056
HOL	PRT	94.50	1.2160	-8.300	1.3400	1.300	1.2070	0.5476
HOL	SVK	-347.42	1.6443	-10.859	1.5873	-6.083	1.6341	0.6084
HOL	SVN	-7372.90	66.5750	-295.500	2.6800	-230.000	2.1090	0.5625
HOL	URY	-366.23	3.5172	-12.341	3.6092	-2.787	2.9973	0.4900
HOL	USA	303.00	1.0490	8.100	1.1180	10.600	1.1770	0.8100
HOL	ZAF	-204.55	1.2298	-7.470	1.2156	-3.068	1.1804	0.6084

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 Conversion Factors For SCS Traits. Source: INTERBULL 2112
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = SCORR2*Foreign Reliability

breed	country2	a	b	scorr2
HOL	AUS	95.300	-17.5860	0.6724
HOL	BEL	129.086	-10.0175	0.8464
HOL	CHE	55.100	0.4420	0.8100
HOL	CZE	66.200	0.3280	0.7569
HOL	DEU	60.000	0.4020	0.8836
HOL	DFS	57.700	0.4460	0.8649
HOL	ESP	50.800	0.4720	0.8649
HOL	EST	74.100	0.2510	0.7744
HOL	FRA	99.800	4.5560	0.8836
HOL	GBR	99.400	-0.3950	0.8836
HOL	HRV	57.906	0.3987	0.6724
HOL	HUN	100.000	-3.5630	0.7744

HOL	IRL	95.900	-36.1680	0.6400
HOL	ISR	99.900	-19.9460	0.7225
HOL	ITA	11.900	0.8750	0.8100
HOL	JPN	121.100	-11.5960	0.7569
HOL	KOR	99.617	-14.1876	0.7569
HOL	LTU	98.000	-12.4690	0.7056
HOL	LVA	95.800	-10.4790	0.7744
HOL	NLD	-3.400	1.0330	0.8281
HOL	NZL	96.400	-10.9880	0.6084
HOL	POL	53.100	0.4610	0.8100
HOL	PRT	99.200	-10.8210	0.6561
HOL	SVK	133.555	-12.0324	0.7569
HOL	SVN	50.500	0.4630	0.6724
HOL	URY	98.100	-23.3124	0.6724
HOL	USA	177.500	-25.8800	0.8836
HOL	ZAF	99.511	-0.1958	0.8100

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Conversion Factors For Type. Source = INTERBULL MACE 2112
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=AUS

	c	c	f			
	a	o	o		a	b
	n	u	r		v	v
b	t	n	t		a	a
r	r	t	r		l	l
e	a	r	a		u	u
e	i	y	i		e	e
d	t	2	t			2
HOL CONFORMATION	AUS GENERAL APPEARANCE	-6.574	3.1151	0.37		
HOL FEET AND LEGS	AUS OVERALL FEET & LEG	-3.676	3.4659			
HOL MAMMARY SYSTEM	AUS OVERALL UDDER SCORE	-8.341	3.7594			
HOL STATURE	AUS STATURE	-7.206	7.8046			
HOL CHEST WIDTH	AUS CHEST WIDTH	1.275	9.5332			
HOL BODY DEPTH	AUS BODY DEPTH	2.318	8.1769			
HOL PIN WIDTH	AUS PIN WIDTH	-2.516	9.6586			
HOL RUMP ANGLE	AUS RUMP ANGLE	1.197	8.7077			
HOL FOOT ANGLE	AUS FOOT ANGLE	-4.675	14.1000			
HOL REAR LEGS SIDE VIEW	AUS REAR LEG SET	0.235	14.0046			
HOL REAR LEG REAR VIEW	AUS REAR LEG REAR VIEW	-3.109	15.1003			
HOL UDDER DEPTH	AUS UDDER DEPTH	-6.486	7.6299			
HOL MEDIAN SUSPENSORY	AUS MEDIAN SUSPENSORY	-5.632	13.6746			
HOL FORE ATTACHMENT	AUS FORE UDDER	-5.398	10.5781			
HOL FRONT TEAT PLACEMENT	AUS FRONT TEAT PLACEMENT	-3.014	9.2537			
HOL TEAT LENGTH	AUS TEAT LENGTH	1.825	6.7166			
HOL REAR ATTACHMENT HEIGHT	AUS REAR UDDER HEIGHT	-6.871	10.2980			
HOL REAR TEAT PLACEMENT	AUS REAR TEAT PLACEMENT	-3.009	12.2858			
HOL ANGULARITY	AUS ANGULARITY	-5.962	8.4366			

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Conversion Factors For Type. Source = INTERBULL MACE 2112
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		-3.359	2.6403	0.48
HOL FEET AND LEGS		BEL OVERALL FEET & LEG		-1.297	1.7373	
HOL MAMMARY SYSTEM		BEL OVERALL UDDER SCORE		-4.072	3.5627	
HOL STATURE		BEL STATURE		-2.813	4.7336	
HOL CHEST WIDTH		BEL CHEST WIDTH		0.301	3.1949	
HOL BODY DEPTH		BEL BODY DEPTH		0.663	2.9996	
HOL PIN WIDTH		BEL RUMP WIDTH		-1.239	3.7385	
HOL RUMP ANGLE		BEL RUMP ANGLE		1.246	4.0006	
HOL FOOT ANGLE		BEL FOOT ANGLE		-1.602	2.9246	
HOL REAR LEGS SIDE VIEW		BEL REAR LEG SET		-0.585	3.2517	
HOL REAR LEG REAR VIEW		BEL REAR LEG REAR VIEW		-0.854	3.1890	
HOL UDDER DEPTH		BEL UDDER DEPTH		-2.469	3.6946	
HOL MEDIAN SUSPENSORY		BEL MEDIAN SUSPENSORY		-3.308	2.8670	
HOL FORE ATTACHMENT		BEL FORE UDDER		-3.306	2.7760	
HOL TEAT PLACEMENT		BEL FRONT TEAT PLACEMENT		-2.563	3.9731	
HOL TEAT LENGTH		BEL TEAT LENGTH		1.307	3.4046	
HOL REAR ATTACHMENT HEIGHT		BEL REAR UDDER HEIGHT		-3.414	3.9425	
HOL REAR TEAT PLACEMENT		BEL REAR TEAT PLACEMENT		-2.572	4.1241	
HOL ANGULARITY		BEL ANGULARITY		-3.802	4.3236	
HOL BODY CONDITION SCORE		BEL BODY CONDITION SCORE		103.244	4.5664	

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Conversion Factors For Type. Source = INTERBULL MACE 2112
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		-45.666	0.4243	0.74
HOL FEET AND LEGS		CHE OVERALL FEET & LEG		-37.535	0.3585	
HOL MAMMARY SYSTEM		CHE OVERALL UDDER SCORE		-51.251	0.4689	
HOL STATURE		CHE STATURE		-52.492	0.4833	
HOL CHEST WIDTH		CHE CHEST WIDTH		-45.776	0.4617	
HOL BODY DEPTH		CHE BODY DEPTH		-42.764	0.4264	
HOL PIN WIDTH		CHE RUMP WIDTH		-48.777	0.4734	
HOL RUMP ANGLE		CHE RUMP ANGLE		-49.425	0.5041	

HOL FOOT ANGLE	CHE FOOT ANGLE	-52.775	0.5095
HOL REAR LEGS SIDE VIEW	CHE REAR LEG SET	-47.878	0.4858
HOL REAR LEG REAR VIEW	CHE REAR LEG REAR VIEW	-41.182	0.3960
HOL UDDER DEPTH	CHE UDDER DEPTH	-41.843	0.4031
HOL MEDIAN SUSPENSORY	CHE MEDIAN SUSPENSORY	-50.616	0.4615
HOL FORE ATTACHMENT	CHE FORE UDDER	-43.854	0.4162
HOL FRONT TEAT PLACEMENT	CHE FRONT TEAT PLACEMENT	-51.803	0.4931
HOL TEAT LENGTH	CHE TEAT LENGTH	-40.970	0.4083
HOL REAR ATTACHMENT HEIGHT	CHE REAR UDDER HEIGHT	-50.191	0.4712
HOL REAR TEAT PLACEMENT	CHE REAR TEAT PLACEMENT	-52.761	0.4973
HOL ANGULARITY	CHE ANGULARITY	-58.714	0.5253
HOL BODY CONDITION SCORE	CHE BODY CONDITION SCORE	52.487	0.5121

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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	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	CZE OVERALL SCORE	-36.573	0.3426	0.64		
HOL FEET AND LEGS	CZE OVERALL FEET & LEG	-22.484	0.2141			
HOL MAMMARY SYSTEM	CZE OVERALL UDDER SCORE	-43.606	0.4087			
HOL STATURE	CZE STATURE	-43.992	0.4112			
HOL CHEST WIDTH	CZE CHEST WIDTH	-40.080	0.3982			
HOL BODY DEPTH	CZE BODY DEPTH	-34.277	0.3301			
HOL PIN WIDTH	CZE RUMP WIDTH	-39.727	0.3734			
HOL RUMP ANGLE	CZE RUMP ANGLE	-39.807	0.3979			
HOL FOOT ANGLE	CZE FOOT ANGLE	-37.779	0.3640			
HOL REAR LEGS SIDE VIEW	CZE REAR LEG SET	-38.254	0.3779			
HOL REAR LEG REAR VIEW	CZE REAR LEG REAR VIEW	-35.210	0.3394			
HOL UDDER DEPTH	CZE UDDER DEPTH	-40.153	0.3852			
HOL MEDIAN SUSPENSORY	CZE MEDIAN SUSPENSORY	-38.439	0.3574			
HOL FORE ATTACHMENT	CZE FORE UDDER	-39.210	0.3613			
HOL FRONT TEAT PLACEMENT	CZE FRONT TEAT PLACEMENT	-44.352	0.4411			
HOL TEAT LENGTH	CZE TEAT LENGTH	-33.694	0.3430			
HOL REAR ATTACHMENT HEIGHT	CZE REAR UDDER HEIGHT	-39.834	0.3622			
HOL REAR TEAT PLACEMENT	CZE REAR TEAT PLACEMENT	-41.006	0.3986			
HOL ANGULARITY	CZE ANGULARITY	-48.638	0.4336			
HOL BODY CONDITION SCORE	CZE BODY CONDITION SCORE	61.217	0.4176			

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Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=DEU

	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 FEET AND LEGS		DEU OVERALL FEET & LEG		-32.302	0.3169	
HOL MAMMARY SYSTEM		DEU OVERALL UDDER SCORE		-40.297	0.3784	
HOL STATURE		DEU STATURE		-43.727	0.4020	
HOL CHEST WIDTH		DEU CHEST WIDTH		-46.896	0.4578	
HOL BODY DEPTH		DEU BODY DEPTH		-42.518	0.4149	
HOL PIN WIDTH		DEU RUMP WIDTH		-51.340	0.4890	
HOL RUMP ANGLE		DEU RUMP ANGLE		-47.428	0.4823	
HOL FOOT ANGLE		DEU FOOT ANGLE		-48.652	0.4728	
HOL REAR LEGS SIDE VIEW		DEU REAR LEG SET		-49.372	0.4895	
HOL REAR LEG REAR VIEW		DEU REAR LEG REAR VIEW		-51.602	0.5128	
HOL UDDER DEPTH		DEU UDDER DEPTH		-37.274	0.3583	
HOL MEDIAN SUSPENSORY		DEU MEDIAN SUSPENSORY		-49.955	0.4693	
HOL FORE ATTACHMENT		DEU FORE UDDER		-44.318	0.4221	
HOL FRONT TEAT PLACEMENT		DEU FRONT TEAT PLACEMENT		-41.654	0.4014	
HOL TEAT LENGTH		DEU TEAT LENGTH		-34.926	0.3657	
HOL REAR ATTACHMENT HEIGHT		DEU REAR UDDER HEIGHT		-38.806	0.3648	
HOL REAR TEAT PLACEMENT		DEU REAR TEAT PLACEMENT		-41.888	0.3962	
HOL ANGULARITY		DEU ANGULARITY		-48.968	0.4478	
HOL BODY CONDITION SCORE		DEU BODY CONDITION SCORE		58.477	0.4325	

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Conversion Factors For Type. Source = INTERBULL MACE 2112
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=DFS

	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		DFS OVERALL CONFORMATION		-48.044	0.3877	0.52
HOL FEET AND LEGS		DFS OVERALL FEET & LEG		-32.123	0.3103	
HOL MAMMARY SYSTEM		DFS OVERALL UDDER SCORE		-45.433	0.4202	
HOL STATURE		DFS STATURE		-53.426	0.4792	
HOL CHEST WIDTH		DFS CHEST WIDTH		-50.862	0.4745	
HOL BODY DEPTH		DFS BODY DEPTH		-48.651	0.4355	
HOL PIN WIDTH		DFS RUMP WIDTH		-49.207	0.4462	
HOL RUMP ANGLE		DFS RUMP ANGLE		-50.869	0.5123	
HOL FOOT ANGLE		DFS FOOT ANGLE		-51.046	0.4810	
HOL REAR LEGS SIDE VIEW		DFS REAR LEG SET		-44.038	0.4506	
HOL REAR LEG REAR VIEW		DFS REAR LEG REAR VIEW		-48.002	0.4613	
HOL UDDER DEPTH		DFS UDDER DEPTH		-40.665	0.4153	

HOL MEDIAN SUSPENSORY	DFS MEDIAN SUSPENSORY	-44.519	0.3789
HOL FORE ATTACHMENT	DFS FORE UDDER	-45.524	0.4242
HOL FRONT TEAT PLACEMENT	DFS FRONT TEAT PLACEMENT	-53.129	0.5216
HOL TEAT LENGTH	DFS TEAT LENGTH	-43.691	0.4515
HOL REAR ATTACHMENT HEIGHT	DFS REAR UDDER HEIGHT	-43.304	0.3968
HOL REAR TEAT PLACEMENT	DFS REAR TEAT PLACEMENT	-55.258	0.5166
HOL ANGULARITY	DFS DAIRY FORM	-68.792	0.6063
HOL BODY CONDITION SCORE	DFS BODY CONDITION SCORE	56.689	0.4691

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Conversion Factors For Type. Source = INTERBULL MACE 2112
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=ESP

	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	ESP FINAL CLASS	-3.567	5.1640	0.58		
HOL FEET AND LEGS	ESP OVERALL FEET & LEG	-1.894	4.4703			
HOL MAMMARY SYSTEM	ESP OVERALL UDDER SCORE	-5.374	5.3449			
HOL STATURE	ESP STATURE	-4.521	6.1171			
HOL CHEST WIDTH	ESP CHEST WIDTH	-0.378	5.3794			
HOL BODY DEPTH	ESP BODY DEPTH	0.486	4.8229			
HOL PIN WIDTH	ESP PIN WIDTH	-1.849	5.5982			
HOL RUMP ANGLE	ESP RUMP ANGLE	0.221	5.0675			
HOL FOOT ANGLE	ESP FOOT ANGLE	-1.726	5.9454			
HOL REAR LEGS SIDE VIEW	ESP REAR LEG SET	-0.651	4.7961			
HOL REAR LEG REAR VIEW	ESP REAR LEG REAR VIEW	-0.696	5.2494			
HOL UDDER DEPTH	ESP UDDER DEPTH	-4.742	4.6437			
HOL MEDIAN SUSPENSORY	ESP MEDIAN SUSPENSORY	-3.716	5.7342			
HOL FORE ATTACHMENT	ESP FORE UDDER	-4.529	5.5268			
HOL FRONT TEAT PLACEMENT	ESP FRONT TEAT PLACEMENT	-2.649	6.1031			
HOL TEAT LENGTH	ESP TEAT LENGTH	1.517	4.4335			
HOL REAR ATTACHMENT HEIGHT	ESP REAR UDDER HEIGHT	-4.743	5.4466			
HOL REAR TEAT PLACEMENT	ESP REAR TEAT PLACEMENT	-3.066	6.4731			
HOL ANGULARITY	ESP ANGULARITY	-4.201	7.5772			
HOL BODY CONDITION SCORE	ESP BODY CONDITION SCORE	102.026	5.5804			

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Conversion Factors For Type. Source = INTERBULL MACE 2112
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=EST

	c	c	f			
	a	o	o		b	t
n	u	r	a	v	c	o
	t	n	v	a	a	r
	a	y	l	u	u	r
	t	2	t	e	e	2

b r e e d	t r a i t	n t r y 2	t r a i t	v a l u e	v a l u e	c o r r e c t
HOL CONFORMATION		EST OVERALL CONFORMATION		-34.408	0.2729	0.46
HOL FEET AND LEGS		EST OVERALL FEET & LEG		-17.371	0.1549	
HOL MAMMARY SYSTEM		EST OVERALL UDDER SCORE		-43.480	0.3495	
HOL STATURE		EST STATURE		-42.390	0.3503	
HOL CHEST WIDTH		EST CHEST WIDTH		-22.875	0.2237	
HOL BODY DEPTH		EST BODY DEPTH		-27.092	0.2636	
HOL PIN WIDTH		EST RUMP WIDTH		-34.614	0.3080	
HOL RUMP ANGLE		EST RUMP ANGLE		-29.162	0.3023	
HOL FOOT ANGLE		EST FOOT ANGLE		-24.366	0.2127	
HOL REAR LEGS SIDE VIEW		EST REAR LEG SET		-24.590	0.2479	
HOL REAR LEG REAR VIEW		EST REAR LEG REAR VIEW		-21.015	0.1978	
HOL UDDER DEPTH		EST UDDER DEPTH		-39.530	0.3306	
HOL MEDIAN SUSPENSORY		EST MEDIAN SUSPENSORY		-31.162	0.2626	
HOL FORE ATTACHMENT		EST FORE UDDER		-32.313	0.2578	
HOL FRONT TEAT PLACEMENT		EST FRONT TEAT PLACEMENT		-34.900	0.3121	
HOL TEAT LENGTH		EST TEAT LENGTH		-26.393	0.2815	
HOL REAR ATTACHMENT HEIGHT		EST REAR UDDER HEIGHT		-33.997	0.2710	
HOL REAR TEAT PLACEMENT		EST REAR TEAT PLACEMENT		-38.652	0.3483	
HOL ANGULARITY		EST ANGULARITY		-22.419	0.1758	
HOL BODY CONDITION SCORE		EST BODY CONDITION SCORE		70.843	0.3206	

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 Conversion Factors For Type. Source = INTERBULL MACE 2112
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=FRA

b r e e d	c a n t r y 2	c o u n t r y 2	f o r e i g n c o u n t r y 2	a d j u s t m e n t	b i a s e m e n t	t o t a l
HOL STATURE		FRA STATURE		-2.272	5.1039	
HOL CHEST WIDTH		FRA CHEST DEPTH		1.010	4.5154	
HOL BODY DEPTH		FRA BODY DEPTH		0.515	3.2399	
HOL PIN WIDTH		FRA RUMP WIDTH		-0.968	5.0008	
HOL RUMP ANGLE		FRA RUMP ANGLE		1.457	5.4255	
HOL FOOT ANGLE		FRA HEEL DEPTH		-1.242	5.5093	
HOL REAR LEGS SIDE VIEW		FRA REAR LEG SET		0.133	5.1293	
HOL REAR LEG REAR VIEW		FRA REAR LEG REAR VIEW		-1.468	5.0543	
HOL UDDER DEPTH		FRA UDDER DEPTH		-2.385	4.3136	
HOL MEDIAN SUSPENSORY		FRA MEDIAN SUSPENSORY		-2.816	4.3493	
HOL FORE ATTACHMENT		FRA FORE UDDER		-3.410	4.8745	
HOL FRONT TEAT PLACEMENT		FRA FRONT TEAT PLACEMENT		-1.855	5.3416	
HOL TEAT LENGTH		FRA TEAT LENGTH		2.094	4.8582	
HOL REAR ATTACHMENT HEIGHT		FRA REAR UDDER HEIGHT		-3.474	4.2789	
HOL REAR TEAT PLACEMENT		FRA REAR TEAT PLACEMENT		-1.969	5.6831	

HOL ANGULARITY	FRA ANGULARITY	-3.703	6.2751
HOL BODY CONDITION SCORE	FRA BODY CONDITION SCORE	102.488	5.8716

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Conversion Factors For Type. Source = INTERBULL MACE 2112
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	t	n	t	v	v	c
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		-2.883	3.9384	
HOL STATURE		GBR STATURE		-2.501	4.7110	
HOL CHEST WIDTH		GBR CHEST WIDTH		-0.805	3.7285	
HOL BODY DEPTH		GBR BODY DEPTH		0.391	3.4100	
HOL PIN WIDTH		GBR RUMP WIDTH		-1.108	4.1966	
HOL RUMP ANGLE		GBR RUMP ANGLE		0.085	4.1374	
HOL FOOT ANGLE		GBR FOOT ANGLE		-1.773	4.0727	
HOL REAR LEGS SIDE VIEW		GBR REAR LEG SET		-0.036	3.7205	
HOL REAR LEG REAR VIEW		GBR REAR LEG REAR VIEW		-0.754	2.8123	
HOL UDDER DEPTH		GBR UDDER DEPTH		-1.598	3.9115	
HOL MEDIAN SUSPENSORY		GBR MEDIAN SUSPENSORY		-2.350	3.8879	
HOL FORE ATTACHMENT		GBR FORE UDDER		-1.749	3.9163	
HOL TEAT PLACEMENT		GBR FRONT TEAT PLACEMENT		-1.167	4.2180	
HOL TEAT LENGTH		GBR TEAT LENGTH		0.768	3.8581	
HOL REAR ATTACHMENT HEIGHT		GBR REAR UDDER HEIGHT		-2.474	3.1616	
HOL REAR TEAT PLACEMENT		GBR REAR TEAT PLACEMENT		-1.306	3.9388	
HOL ANGULARITY		GBR ANGULARITY		-2.951	4.8975	
HOL BODY CONDITION SCORE		GBR BODY CONDITION SCORE		100.907	3.9459	

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Conversion Factors For Type. Source = INTERBULL MACE 2112
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	t	n	t	v	v	c
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		-3.025	4.2834	0.52
HOL FEET AND LEGS		HUN OVERALL FEET & LEG		-2.002	1.9042	

HOL MAMMARY SYSTEM	HUN OVERALL UDDER SCORE	-3.684	4.7261
HOL STATURE	HUN STATURE	-3.713	5.7773
HOL CHEST WIDTH	HUN CHEST WIDTH	-0.297	4.9276
HOL BODY DEPTH	HUN BODY DEPTH	-0.110	4.2861
HOL PIN WIDTH	HUN RUMP WIDTH	-1.956	5.2757
HOL RUMP ANGLE	HUN RUMP ANGLE	0.009	5.5385
HOL FOOT ANGLE	HUN FOOT ANGLE	-1.975	5.0956
HOL REAR LEGS SIDE VIEW	HUN REAR LEG SET	-0.356	5.4113
HOL REAR LEG REAR VIEW	HUN REAR LEG REAR VIEW	-1.400	4.1583
HOL UDDER DEPTH	HUN UDDER DEPTH	-2.748	5.0737
HOL MEDIAN SUSPENSORY	HUN MEDIAN SUSPENSORY	-2.752	4.8789
HOL FORE ATTACHMENT	HUN FORE UDDER	-3.070	4.8793
HOL FRONT TEAT PLACEMENT	HUN FRONT TEAT PLACEMENT	-1.425	6.0207
HOL TEAT LENGTH	HUN TEAT LENGTH	2.249	4.1804
HOL REAR ATTACHMENT HEIGHT	HUN REAR UDDER HEIGHT	-3.880	4.8182
HOL REAR TEAT PLACEMENT	HUN REAR TEAT PLACEMENT	-1.291	5.3359
HOL ANGULARITY	HUN ANGULARITY	-4.176	4.8200
HOL BODY CONDITION SCORE	HUN BODY CONDITION SCORE	101.873	5.7744

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Conversion Factors For Type. Source = INTERBULL MACE 2112
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=IRL

	c	c	f			
	a	o	o		b	t
b	n	u	r		v	c
r	t	n	t		a	a
e	r	t	r		l	r
e	a	r	a		u	u
d	i	y	i		e	e
	t	2	t			2
HOL CONFORMATION	IRL CONFORMATION	-11.957	4.6086	0.45		
HOL FEET AND LEGS	IRL OVERALL FEET & LEG	-4.268	2.4722			
HOL MAMMARY SYSTEM	IRL OVERALL UDDER SCORE	-11.763	4.8627			
HOL STATURE	IRL STATURE	-11.199	6.8473			
HOL CHEST WIDTH	IRL CHEST WIDTH	-0.794	3.6942			
HOL BODY DEPTH	IRL BODY DEPTH	-0.745	3.6650			
HOL PIN WIDTH	IRL RUMP WIDTH	-5.689	2.8840			
HOL RUMP ANGLE	IRL RUMP ANGLE	-0.196	3.1986			
HOL FOOT ANGLE	IRL FOOT ANGLE	-6.313	3.5507			
HOL REAR LEGS SIDE VIEW	IRL REAR LEG SET	-0.027	2.7999			
HOL REAR LEG REAR VIEW	IRL REAR LEG REAR VIEW	-4.145	2.5409			
HOL UDDER DEPTH	IRL UDDER DEPTH	-7.593	3.6976			
HOL MEDIAN SUSPENSORY	IRL MEDIAN SUSPENSORY	-9.133	4.3617			
HOL FORE ATTACHMENT	IRL FORE UDDER	-8.149	3.7259			
HOL TEAT PLACEMENT	IRL FRONT TEAT PLACEMENT	-6.767	4.3638			
HOL TEAT LENGTH	IRL TEAT LENGTH	1.972	2.8737			
HOL REAR ATTACHMENT HEIGHT	IRL REAR UDDER HEIGHT	-8.987	3.7204			
HOL REAR TEAT PLACEMENT	IRL REAR TEAT PLACEMENT	-5.808	4.4504			
HOL ANGULARITY	IRL ANGULARITY	-12.763	8.6375			
HOL BODY CONDITION SCORE	IRL BODY CONDITION SCORE	106.775	5.5205			

Conversion Factors For Type. Source = INTERBULL MACE 2112
 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		-3.241	4.8485	0.55
HOL FEET AND LEGS		ITA OVERALL FEET & LEG		-1.221	1.9142	
HOL MAMMARY SYSTEM		ITA OVERALL UDDER SCORE		-4.406	4.5788	
HOL STATURE		ITA STATURE		-3.813	4.5203	
HOL CHEST WIDTH		ITA STRENGTH		-0.436	3.5071	
HOL BODY DEPTH		ITA BODY DEPTH		-0.068	2.9985	
HOL PIN WIDTH		ITA RUMP WIDTH		-2.067	3.6994	
HOL RUMP ANGLE		ITA RUMP ANGLE		0.526	3.9054	
HOL FOOT ANGLE		ITA FOOT ANGLE		-1.788	3.5228	
HOL REAR LEGS SIDE VIEW		ITA REAR LEG SET		-0.127	3.6848	
HOL REAR LEG REAR VIEW		ITA REAR LEG REAR VIEW		-1.467	2.8896	
HOL UDDER DEPTH		ITA UDDER DEPTH		-3.489	3.6182	
HOL MEDIAN SUSPENSORY		ITA MEDIAN SUSPENSORY		-2.273	3.2364	
HOL FORE ATTACHMENT		ITA FORE UDDER		-3.766	3.4559	
HOL FRONT TEAT PLACEMENT		ITA FRONT TEAT PLACEMENT		-2.069	4.3088	
HOL TEAT LENGTH		ITA TEAT LENGTH		1.074	3.4013	
HOL REAR ATTACHMENT HEIGHT		ITA REAR UDDER HEIGHT		-3.723	2.9501	
HOL REAR TEAT PLACEMENT		ITA REAR TEAT PLACEMENT		-1.657	3.9038	
HOL ANGULARITY		ITA ANGULARITY		-4.060	4.6224	
HOL BODY CONDITION SCORE		ITA BODY CONDITION SCORE		16.844	0.8591	

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 Conversion Factors For Type. Source = INTERBULL MACE 2112
 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		-2.372	7.2818	0.62
HOL FEET AND LEGS		JPN OVERALL FEET & LEG		-2.117	6.0216	
HOL MAMMARY SYSTEM		JPN OVERALL UDDER SCORE		-3.279	7.2145	
HOL STATURE		JPN STATURE		-2.285	4.3701	
HOL CHEST WIDTH		JPN CHEST WIDTH		-0.212	2.9657	

HOL BODY DEPTH	JPN BODY DEPTH	0.095	2.9740
HOL PIN WIDTH	JPN RUMP WIDTH	-0.855	4.1186
HOL RUMP ANGLE	JPN RUMP ANGLE	0.311	4.0543
HOL FOOT ANGLE	JPN FOOT ANGLE	-1.195	2.3145
HOL REAR LEGS SIDE VIEW	JPN REAR LEG SET	0.108	3.4314
HOL REAR LEG REAR VIEW	JPN REAR LEG REAR VIEW	-1.131	2.7821
HOL UDDER DEPTH	JPN UDDER DEPTH	-2.656	3.8549
HOL MEDIAN SUSPENSORY	JPN MEDIAN SUSPENSORY	-2.118	2.6200
HOL FORE ATTACHMENT	JPN FORE UDDER	-2.844	3.6163
HOL FRONT TEAT PLACEMENT	JPN FRONT TEAT PLACEMENT	-1.360	3.8742
HOL TEAT LENGTH	JPN TEAT LENGTH	0.808	3.5927
HOL REAR ATTACHMENT HEIGHT	JPN REAR UDDER HEIGHT	-2.693	3.3853
HOL REAR TEAT PLACEMENT	JPN REAR TEAT PLACEMENT	-1.363	3.7969
HOL ANGULARITY	JPN ANGULARITY	-2.064	4.2666
HOL BODY CONDITION SCORE	JPN BODY CONDITION SCORE	100.247	3.5521

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Conversion Factors For Type. Source = INTERBULL MACE 2112
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	r
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	-7.045	0.4337	0.35		
HOL STATURE	KOR STATURE	-6.026	1.1302			
HOL CHEST WIDTH	KOR CHEST WIDTH	1.117	1.5719			
HOL BODY DEPTH	KOR BODY DEPTH	0.293	1.1394			
HOL PIN WIDTH	KOR RUMP WIDTH	-2.803	1.4123			
HOL RUMP ANGLE	KOR RUMP ANGLE	-0.223	1.1225			
HOL FOOT ANGLE	KOR FOOT ANGLE	-3.684	3.3623			
HOL REAR LEGS SIDE VIEW	KOR REAR LEG SET	1.252	2.3051			
HOL REAR LEG REAR VIEW	KOR REAR LEG REAR VIEW	-2.243	2.4947			
HOL UDDER DEPTH	KOR UDDER DEPTH	-8.612	0.8984			
HOL MEDIAN SUSPENSORY	KOR MEDIAN SUSPENSORY	-5.360	1.7956			
HOL FORE ATTACHMENT	KOR FORE UDDER	-5.191	1.0950			
HOL TEAT PLACEMENT	KOR FRONT TEAT PLACEMENT	-5.669	1.6795			
HOL TEAT LENGTH	KOR TEAT LENGTH	2.576	1.2792			
HOL REAR ATTACHMENT HEIGHT	KOR REAR UDDER HEIGHT	-6.810	1.3030			
HOL REAR TEAT PLACEMENT	KOR REAR TEAT PLACEMENT	-3.810	2.6218			
HOL ANGULARITY	KOR ANGULARITY	-5.411	2.2963			
HOL BODY CONDITION SCORE	KOR BODY CONDITION SCORE	102.638	2.0737			

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Conversion Factors For Type. Source = INTERBULL MACE 2112
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=LVA

	c	c	f			
	a	o	o	a	b	t
b	t	n	t	v	v	c
r	r	t	r	a	a	c
e	a	r	a	l	l	r
e	i	y	i	u	u	r
d	t	2	t	e	e	2
HOL STATURE		LVA STATURE		-35.673	13.0028	
HOL CHEST WIDTH		LVA CHEST WIDTH		-7.011	11.0317	
HOL BODY DEPTH		LVA BODY DEPTH		-8.571	13.8241	
HOL PIN WIDTH		LVA RUMP WIDTH		-15.655	12.2635	
HOL RUMP ANGLE		LVA RUMP ANGLE		-6.330	12.3112	
HOL FOOT ANGLE		LVA FOOT ANGLE		-6.979	16.9217	
HOL REAR LEGS SIDE VIEW		LVA REAR LEG SET		-2.695	13.7345	
HOL REAR LEG REAR VIEW		LVA REAR LEG REAR VIEW		-7.159	18.6944	
HOL UDDER DEPTH		LVA UDDER DEPTH		-15.813	12.7844	
HOL MEDIAN SUSPENSORY		LVA MEDIAN SUSPENSORY		-13.137	15.5323	
HOL FORE ATTACHMENT		LVA FORE UDDER		-13.559	14.1711	
HOL TEAT PLACEMENT		LVA FRONT TEAT PLACEMENT		-8.776	12.8368	
HOL TEAT LENGTH		LVA TEAT LENGTH		-3.555	10.4316	
HOL REAR ATTACHMENT HEIGHT		LVA REAR UDDER HEIGHT		-19.741	10.8172	
HOL REAR TEAT PLACEMENT		LVA REAR TEAT PLACEMENT		-15.053	12.6473	
HOL ANGULARITY		LVA ANGULARITY		-17.420	15.5499	

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Conversion Factors For Type. Source = INTERBULL MACE 2112
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	t	n	t	v	v	c
r	r	t	r	a	a	c
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		-138.760	1.3255	0.53
HOL FEET AND LEGS		NLD OVERALL FEET & LEG		-70.318	0.7027	
HOL MAMMARY SYSTEM		NLD OVERALL UDDER SCORE		-121.532	1.1544	
HOL STATURE		NLD STATURE		-128.938	1.2354	
HOL CHEST WIDTH		NLD CHEST WIDTH		-114.067	1.1541	
HOL BODY DEPTH		NLD BODY DEPTH		-77.244	0.7672	
HOL PIN WIDTH		NLD PIN WIDTH		-115.128	1.1168	
HOL RUMP ANGLE		NLD RUMP ANGLE		-110.494	1.1363	
HOL FOOT ANGLE		NLD CLAW DIAGONAL		-106.863	1.0450	
HOL REAR LEGS SIDE VIEW		NLD REAR LEG SET		-106.432	1.0489	
HOL REAR LEG REAR VIEW		NLD REAR LEG REAR VIEW		-143.127	1.4434	
HOL UDDER DEPTH		NLD UDDER DEPTH		-108.235	1.0417	
HOL MEDIAN SUSPENSORY		NLD MEDIAN SUSPENSORY		-119.969	1.1431	
HOL FORE ATTACHMENT		NLD FORE UDDER		-107.794	1.0289	

HOL FRONT TEAT PLACEMENT	NLD FRONT TEAT PLACEMENT	-114.290	1.1253
HOL TEAT LENGTH	NLD TEAT LENGTH	-96.050	0.9737
HOL REAR ATTACHMENT HEIGHT	NLD REAR UDDER HEIGHT	-95.332	0.9035
HOL REAR TEAT PLACEMENT	NLD REAR TEAT PLACEMENT	-118.669	1.1582
HOL ANGULARITY	NLD ANGULARITY	-135.591	1.2788
HOL BODY CONDITION SCORE	NLD BODY CONDITION SCORE	-13.604	1.1930

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Conversion Factors For Type. Source = INTERBULL MACE 2112
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=NZL

	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	NZL OVERALL CONFORMATION	-19.876	10.9508	0.41
HOL MAMMARY SYSTEM	NZL OVERALL UDDER SCORE	-19.299	11.6895	
HOL STATURE	NZL STATURE	-28.602	10.4063	
HOL CHEST WIDTH	NZL CHEST WIDTH	-2.872	11.7763	
HOL BODY DEPTH	NZL BODY DEPTH	-3.284	9.4862	
HOL PIN WIDTH	NZL RUMP WIDTH	-15.283	16.6164	
HOL RUMP ANGLE	NZL RUMP ANGLE	-0.352	15.7940	
HOL REAR LEGS SIDE VIEW	NZL REAR LEG SET	4.651	25.5484	
HOL MEDIAN SUSPENSORY	NZL MEDIAN SUSPENSORY	-16.669	9.0267	
HOL FORE ATTACHMENT	NZL FORE UDDER	-13.191	11.0572	
HOL FRONT TEAT PLACEMENT	NZL FRONT TEAT PLACEMENT	-11.806	18.3622	
HOL TEAT LENGTH	NZL TEAT LENGTH	4.359	8.7914	
HOL REAR ATTACHMENT HEIGHT	NZL REAR UDDER HEIGHT	-14.495	10.3597	
HOL REAR TEAT PLACEMENT	NZL REAR TEAT PLACEMENT	-12.943	12.4797	
HOL BODY CONDITION SCORE	NZL BODY CONDITION SCORE	108.290	35.5358	

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Conversion Factors For Type. Source = INTERBULL MACE 2112
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=POL

	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	POL OVERALL CONFORMATION	-44.850	0.3882	0.35
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HOL FEET AND LEGS	POL OVERALL FEET & LEG	-27.239	0.2438
HOL MAMMARY SYSTEM	POL OVERALL UDDER SCORE	-52.205	0.4555
HOL STATURE	POL STATURE	-58.030	0.5267
HOL CHEST WIDTH	POL CHEST WIDTH	-43.937	0.4390
HOL BODY DEPTH	POL BODY DEPTH	-37.281	0.3693
HOL PIN WIDTH	POL RUMP WIDTH	-51.337	0.4842
HOL RUMP ANGLE	POL RUMP ANGLE	-50.927	0.5132
HOL FOOT ANGLE	POL FOOT ANGLE	-46.770	0.4392
HOL REAR LEGS SIDE VIEW	POL REAR LEG SET	-48.059	0.4814
HOL REAR LEG REAR VIEW	POL REAR LEG REAR VIEW	-43.250	0.4116
HOL UDDER DEPTH	POL UDDER DEPTH	-48.128	0.4388
HOL MEDIAN SUSPENSORY	POL MEDIAN SUSPENSORY	-49.818	0.4544
HOL FORE ATTACHMENT	POL FORE UDDER	-47.176	0.4202
HOL FRONT TEAT PLACEMENT	POL FRONT TEAT PLACEMENT	-50.723	0.4803
HOL TEAT LENGTH	POL TEAT LENGTH	-41.323	0.4248
HOL REAR ATTACHMENT HEIGHT	POL REAR UDDER HEIGHT	-44.123	0.3885
HOL REAR TEAT PLACEMENT	POL REAR TEAT PLACEMENT	-52.488	0.4972
HOL ANGULARITY	POL ANGULARITY	-59.643	0.5342
HOL BODY CONDITION SCORE	POL BODY CONDITION SCORE	53.109	0.4974

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Conversion Factors For Type. Source = INTERBULL MACE 2112
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	-3.786	15.0678	0.45		
HOL FEET AND LEGS	PRT OVERALL FEET & LEG	-1.915	14.0635			
HOL MAMMARY SYSTEM	PRT OVERALL UDDER SCORE	-4.906	11.2939			
HOL STATURE	PRT STATURE	-8.315	4.1722			
HOL CHEST WIDTH	PRT CHEST WIDTH	-0.561	2.6142			
HOL BODY DEPTH	PRT BODY DEPTH	0.302	2.2641			
HOL PIN WIDTH	PRT RUMP WIDTH	-4.358	3.1638			
HOL RUMP ANGLE	PRT RUMP ANGLE	1.053	3.2374			
HOL FOOT ANGLE	PRT FOOT ANGLE	-3.999	2.1184			
HOL REAR LEGS SIDE VIEW	PRT REAR LEG SET	-1.470	2.3372			
HOL REAR LEG REAR VIEW	PRT REAR LEG REAR VIEW	-2.088	1.9946			
HOL UDDER DEPTH	PRT UDDER DEPTH	-6.639	2.9726			
HOL MEDIAN SUSPENSORY	PRT MEDIAN SUSPENSORY	-5.933	3.0026			
HOL FORE ATTACHMENT	PRT FORE UDDER	-7.292	2.6833			
HOL TEAT PLACEMENT	PRT FRONT TEAT PLACEMENT	-5.276	3.7237			
HOL TEAT LENGTH	PRT TEAT LENGTH	1.731	2.5043			
HOL REAR ATTACHMENT HEIGHT	PRT REAR UDDER HEIGHT	-8.338	3.1004			
HOL REAR TEAT PLACEMENT	PRT REAR TEAT PLACEMENT	-4.526	3.5973			
HOL ANGULARITY	PRT ANGULARITY	-10.180	4.6715			
HOL BODY CONDITION SCORE	PRT BODY CONDITION SCORE	103.709	2.7104			

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Conversion Factors For Type. Source = INTERBULL MACE 2112
 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	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		SVN CONFORMATION		-36.373	0.2555	0.38
HOL FEET AND LEGS		SVN OVERALL FEET & LEG		-16.551	0.1193	
HOL MAMMARY SYSTEM		SVN OVERALL UDDER SCORE		-41.359	0.2892	
HOL STATURE		SVN STATURE		-45.992	0.3452	
HOL CHEST WIDTH		SVN CHEST WIDTH		-26.443	0.2535	
HOL BODY DEPTH		SVN BODY DEPTH		-24.023	0.2187	
HOL PIN WIDTH		SVN RUMP WIDTH		-29.969	0.2524	
HOL RUMP ANGLE		SVN RUMP ANGLE		-31.374	0.3209	
HOL FOOT ANGLE		SVN FOOT ANGLE		-28.749	0.2450	
HOL REAR LEGS SIDE VIEW		SVN REAR LEG SET		-25.611	0.2568	
HOL REAR LEG REAR VIEW		SVN REAR LEG REAR VIEW		-24.041	0.2075	
HOL UDDER DEPTH		SVN UDDER DEPTH		-38.802	0.3062	
HOL MEDIAN SUSPENSORY		SVN MEDIAN SUSPENSORY		-33.358	0.2506	
HOL FORE ATTACHMENT		SVN FORE UDDER		-28.819	0.2005	
HOL TEAT PLACEMENT		SVN FRONT TEAT PLACEMENT		-42.500	0.3456	
HOL TEAT LENGTH		SVN TEAT LENGTH		-25.356	0.2772	
HOL REAR ATTACHMENT HEIGHT		SVN REAR UDDER HEIGHT		-40.615	0.3044	
HOL REAR TEAT PLACEMENT		SVN REAR TEAT PLACEMENT		-45.436	0.3755	
HOL ANGULARITY		SVN ANGULARITY		-39.156	0.2749	
HOL BODY CONDITION SCORE		SVN BODY CONDITION SCORE		82.288	0.2318	

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Conversion Factors For Type. Source = INTERBULL MACE 2112
 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	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		USA PTA TYPE (FINAL SCORE)		-0.926	4.2089	0.59
HOL FEET AND LEGS		USA FEET & LEGS SCORE		-0.765	2.5493	
HOL MAMMARY SYSTEM		USA UDDER COMPOSITE		-0.914	4.0629	
HOL STATURE		USA STATURE		-2.591	4.2948	

HOL CHEST WIDTH	USA STRENGTH	0.185	4.1092
HOL BODY DEPTH	USA BODY DEPTH	-0.376	3.2464
HOL PIN WIDTH	USA THURL WIDTH	-0.894	4.0532
HOL RUMP ANGLE	USA RUMP ANGLE	-0.648	4.0536
HOL FOOT ANGLE	USA FOOT ANGLE	-1.001	4.0464
HOL REAR LEGS SIDE VIEW	USA REAR LEGS - SIDE VIEW	0.070	3.6870
HOL REAR LEG REAR VIEW	USA REAR LEGS - REAR VIEW	0.040	3.4177
HOL UDDER DEPTH	USA UDDER DEPTH	-0.718	3.4540
HOL MEDIAN SUSPENSORY	USA UDDER CLEFT	-1.419	3.2937
HOL FORE ATTACHMENT	USA FORE ATTACHMENT	-0.677	3.3942
HOL FRONT TEAT PLACEMENT	USA FRONT TEAT PLACEMENT	0.005	4.0322
HOL TEAT LENGTH	USA TEAT LENGTH	0.029	3.6443
HOL REAR ATTACHMENT HEIGHT	USA REAR UDDER HEIGHT	-1.119	2.8712
HOL REAR TEAT PLACEMENT	USA REAR TEAT PLACEMENT	-0.643	3.7203
HOL ANGULARITY	USA DAIRY FORM	-2.904	4.6974
HOL BODY CONDITION SCORE	USA BODY CONDITION SCORE	101.184	-3.4995

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Conversion Factors For Type. Source = INTERBULL MACE 2112
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=ZAF

	c	c	f			
	a	o	o		a	b
	n	u	r		v	v
b	t	n	t		a	a
r	r	t	r		l	l
e	a	r	a		u	u
e	i	y	i		e	e
d	t	2	t			
						t
						c
						o
						r
						r
						2
HOL STATURE	ZAF STATURE	-4.596	6.8005			
HOL CHEST WIDTH	ZAF CHEST WIDTH	-0.305	6.4419			
HOL BODY DEPTH	ZAF BODY DEPTH	-0.330	5.2690			
HOL PIN WIDTH	ZAF RUMP WIDTH	-2.053	5.4721			
HOL RUMP ANGLE	ZAF RUMP ANGLE	0.434	6.3646			
HOL FOOT ANGLE	ZAF FOOT ANGLE	-2.703	6.3947			
HOL REAR LEGS SIDE VIEW	ZAF REAR LEG SET	0.452	5.8019			
HOL REAR LEG REAR VIEW	ZAF REAR LEG REAR VIEW	-1.334	5.1445			
HOL UDDER DEPTH	ZAF UDDER DEPTH	-2.525	5.3321			
HOL MEDIAN SUSPENSORY	ZAF MEDIAN SUSPENSORY	-2.859	4.4822			
HOL FORE ATTACHMENT	ZAF FORE UDDER	-2.749	5.3120			
HOL TEAT PLACEMENT	ZAF FRONT TEAT PLACEMENT	-0.959	6.8544			
HOL TEAT LENGTH	ZAF TEAT LENGTH	0.836	5.3991			
HOL REAR ATTACHMENT HEIGHT	ZAF REAR UDDER HEIGHT	-4.035	4.8202			
HOL REAR TEAT PLACEMENT	ZAF REAR TEAT PLACEMENT	-1.271	9.4402			
HOL ANGULARITY	ZAF ANGULARITY	-4.576	6.5741			

CALCULATION OF FAT% AND PROTEIN% FOR DECEMBER 2021

BREED	BMILK	BFAT	BPRT
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AYS	7970	333	273
BSW	8445	360	302

CN	5642	243	201
GUE	7093	331	251
JER	6976	359	271
HOL	10720	424	350
MS	7057	279	234

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

EXAMPLE:

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

$EBVFAT\% = 200 * [(424 + 50 * .5) / (10720 + 1000 * .5) - (424 / 11E3)]$
 $= 200 * [(424 + 25) / (10720 + 500) - (0.03955)]$
 $= 200 * [0.04002 - 0.03955]$
 $= 200 * 0.00047$
 $= 0.09$

$EBVPROT\% = 200 * [(350 + 40 * .5) / (10720 + 1000 * .5) - (350 / 11E3)]$
 $= 200 * [(350 + 20) / (10720 + 500) - (0.03265)]$
 $= 200 * [0.03298 - 0.03265]$
 $= 200 * 0.00033$
 $= 0.07$