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 Conversion Factors For Production Traits. Source: INTERBULL 1904  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = PCORR2\*Foreign Reliability

breed	country2	amilk	bmilk	afat	bfat	aprot	bprot	pcorr2
HOL	AUS	-662.50	1.3690	-13.700	1.5270	-12.400	1.4270	0.4624
HOL	BEL	-621.01	1.3387	-21.006	1.2962	-9.732	1.1969	0.6400
HOL	CHE	-952.60	1.1690	-18.800	1.1440	-19.900	1.1140	0.7225
HOL	CZE	168.60	1.0260	4.200	1.3060	12.100	1.2060	0.6400
HOL	DEU	-57.50	1.2440	1.200	1.2620	6.000	1.2670	0.7921
HOL	DFS	-6374.00	66.0060	-251.300	2.6770	-173.900	1.9720	0.8464
HOL	ESP	-171.70	1.3750	-14.600	1.3690	-5.700	1.3640	0.8100
HOL	EST	-456.10	1.3950	-6.600	1.4200	-4.700	1.3130	0.6724
HOL	FRA	300.30	1.0970	5.900	1.0720	18.500	1.0790	0.7569
HOL	GBR	-405.00	2.5390	-10.100	2.8950	-9.200	2.8850	0.7225
HOL	HRV	-5890.40	54.9358	-223.362	2.1290	-160.509	1.5678	0.6561
HOL	HUN	-220.80	0.9380	-13.200	0.9790	-6.100	0.8710	0.6724
HOL	IRL	-1448.90	4.0050	-32.300	3.7000	-29.700	3.5590	0.5476
HOL	ISR	-21.90	1.7320	15.200	1.7350	8.600	1.8310	0.6889
HOL	ITA	51.40	1.1690	-3.300	1.1500	3.800	1.0660	0.7396
HOL	JPN	166.10	1.2160	-5.700	1.2300	1.700	1.2470	0.8281
HOL	KOR	-189.10	1.4840	-16.700	1.4600	-10.900	1.5780	0.6889
HOL	LTU	-1901.10	1.5470	-44.400	1.3040	-46.800	1.3490	0.6561
HOL	LVA	-635.80	1.7520	-10.500	1.3940	-10.200	1.6330	0.6400
HOL	MEX	73.86	1.6462	-7.777	1.9968	-3.214	1.5501	0.6561
HOL	NLD	-162.40	1.0550	4.900	1.0500	12.500	1.0320	0.7744
HOL	NZL	-2437.00	2.0060	-27.100	1.6820	-46.400	1.9460	0.4624
HOL	POL	-501.20	1.7060	-11.800	1.6920	-7.800	1.8000	0.7225
HOL	PRT	-36.90	1.1950	-14.600	1.3570	-2.200	1.2030	0.6400
HOL	SVK	-210.39	1.6093	-8.844	1.6652	-1.505	1.6069	0.6400
HOL	SVN	-7041.70	63.8710	-285.700	2.6080	-215.800	1.9940	0.6561
HOL	URY	-296.93	3.7444	-15.853	3.6783	-6.902	3.3608	0.6400
HOL	USA	51.50	1.0940	-7.100	1.1680	-0.400	1.2090	0.8281
HOL	ZAF	-255.48	1.2428	-9.632	1.4068	-5.327	1.3039	0.6400

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 Conversion Factors For SCS Traits. Source: INTERBULL 1904  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = SCORR2\*Foreign Reliability

breed	country2	a	b	scorr2
HOL	AUS	96.500	-16.8550	0.7396
HOL	BEL	129.215	-10.1620	0.8281
HOL	CHE	54.900	0.4510	0.7921
HOL	CZE	68.700	0.3100	0.7744
HOL	DEU	58.000	0.4210	0.8649
HOL	DFS	57.000	0.4520	0.8464
HOL	ESP	51.700	0.4710	0.8464
HOL	EST	62.000	0.3730	0.7744
HOL	FRA	100.200	4.4950	0.8836
HOL	GBR	98.800	-0.4020	0.8836
HOL	HRV	55.049	0.4334	0.7744

HOL	HUN	99.100	-3.4790	0.7744
HOL	IRL	98.300	-46.0160	0.7744
HOL	ISR	100.000	-20.3620	0.7225
HOL	ITA	10.800	0.8890	0.8100
HOL	JPN	125.700	-12.7890	0.7744
HOL	KOR	100.528	-14.9172	0.7744
HOL	LTU	99.500	-14.6860	0.7744
HOL	LVA	96.700	-10.8730	0.7744
HOL	NLD	-18.400	1.1610	0.8281
HOL	NZL	97.000	-12.3650	0.7396
HOL	POL	48.200	0.5050	0.7921
HOL	PRT	98.600	-11.2460	0.7744
HOL	SVK	134.772	-12.1856	0.7744
HOL	SVN	49.500	0.4800	0.7744
HOL	URY	97.907	-25.3708	0.7744
HOL	USA	174.600	-25.1750	0.8836
HOL	ZAF	99.074	-0.1963	0.8100

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=AUS

	c	c	f			
	a	o	o		b	t
b	n	u	r	a	v	c
r	r	t	r	a	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	AUS GENERAL APPEARANCE	-8.522	5.3877	0.34		
HOL FEET AND LEGS	AUS OVERALL FEET & LEG	-57.659	0.5088			
HOL MAMMARY SYSTEM	AUS OVERALL UDDER SCORE	-7.646	6.3622			
HOL STATURE	AUS STATURE	-7.200	8.2221			
HOL CHEST WIDTH	AUS CHEST WIDTH	0.503	9.3968			
HOL BODY DEPTH	AUS BODY DEPTH	1.569	9.2849			
HOL PIN WIDTH	AUS PIN WIDTH	-2.216	9.7167			
HOL RUMP ANGLE	AUS RUMP ANGLE	1.174	8.9158			
HOL FOOT ANGLE	AUS FOOT ANGLE	-5.096	13.6108			
HOL REAR LEGS SIDE VIEW	AUS REAR LEG SET	0.694	14.0278			
HOL REAR LEG REAR VIEW	AUS REAR LEG REAR VIEW	-3.428	10.8319			
HOL UDDER DEPTH	AUS UDDER DEPTH	-5.512	8.3667			
HOL MEDIAN SUSPENSORY	AUS MEDIAN SUSPENSORY	-5.679	10.8919			
HOL FORE ATTACHMENT	AUS FORE UDDER	-4.938	9.4602			
HOL FRONT TEAT PLACEMENT	AUS FRONT TEAT PLACEMENT	-2.676	8.9869			
HOL TEAT LENGTH	AUS TEAT LENGTH	0.997	7.0512			
HOL REAR ATTACHMENT HEIGHT	AUS REAR UDDER HEIGHT	-6.508	9.9074			
HOL REAR TEAT PLACEMENT	AUS REAR TEAT PLACEMENT	-2.332	11.1536			
HOL ANGULARITY	AUS ANGULARITY	-6.240	8.6210			

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Conversion Factors For Type. Source = INTERBULL MACE 1904

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

country2=BEL

	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		BEL CONFORMATION		-5.511	3.4439	0.56
HOL FEET AND LEGS		BEL OVERALL FEET & LEG		-2.274	2.4591	
HOL MAMMARY SYSTEM		BEL OVERALL UDDER SCORE		-5.139	3.2331	
HOL STATURE		BEL STATURE		-4.435	4.9361	
HOL CHEST WIDTH		BEL CHEST WIDTH		-0.194	3.3037	
HOL BODY DEPTH		BEL BODY DEPTH		-0.378	3.2110	
HOL PIN WIDTH		BEL RUMP WIDTH		-1.859	3.9499	
HOL RUMP ANGLE		BEL RUMP ANGLE		1.158	3.6042	
HOL FOOT ANGLE		BEL FOOT ANGLE		-1.741	2.8428	
HOL REAR LEGS SIDE VIEW		BEL REAR LEG SET		-0.781	3.2913	
HOL REAR LEG REAR VIEW		BEL REAR LEG REAR VIEW		-0.865	2.9434	
HOL UDDER DEPTH		BEL UDDER DEPTH		-3.786	3.7372	
HOL MEDIAN SUSPENSORY		BEL MEDIAN SUSPENSORY		-3.724	2.9773	
HOL FORE ATTACHMENT		BEL FORE UDDER		-3.971	2.7319	
HOL TEAT PLACEMENT		BEL FRONT TEAT PLACEMENT		-2.724	4.0928	
HOL TEAT LENGTH		BEL TEAT LENGTH		0.732	3.3356	
HOL REAR ATTACHMENT HEIGHT		BEL REAR UDDER HEIGHT		-4.854	3.8268	
HOL REAR TEAT PLACEMENT		BEL REAR TEAT PLACEMENT		-2.955	4.1134	
HOL ANGULARITY		BEL ANGULARITY		-4.924	4.5389	
HOL BODY CONDITION SCORE		BEL BODY CONDITION SCORE		103.197	4.4279	

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 Conversion Factors For Type. Source = INTERBULL MACE 1904  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=CHE

	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		CHE FINAL SCORE		-50.831	0.4684	0.85
HOL FEET AND LEGS		CHE OVERALL FEET & LEG		-50.858	0.4858	
HOL MAMMARY SYSTEM		CHE OVERALL UDDER SCORE		-49.716	0.4555	
HOL STATURE		CHE STATURE		-56.247	0.5140	
HOL CHEST WIDTH		CHE CHEST WIDTH		-48.776	0.4940	
HOL BODY DEPTH		CHE BODY DEPTH		-43.253	0.4274	
HOL PIN WIDTH		CHE RUMP WIDTH		-50.828	0.4900	

HOL RUMP ANGLE	CHE RUMP ANGLE	-49.100	0.4992
HOL FOOT ANGLE	CHE FOOT ANGLE	-50.502	0.4824
HOL REAR LEGS SIDE VIEW	CHE REAR LEG SET	-49.768	0.5010
HOL REAR LEG REAR VIEW	CHE REAR LEG REAR VIEW	-42.393	0.4091
HOL UDDER DEPTH	CHE UDDER DEPTH	-44.208	0.4321
HOL MEDIAN SUSPENSORY	CHE MEDIAN SUSPENSORY	-50.351	0.4532
HOL FORE ATTACHMENT	CHE FORE UDDER	-45.407	0.4356
HOL FRONT TEAT PLACEMENT	CHE FRONT TEAT PLACEMENT	-51.821	0.4936
HOL TEAT LENGTH	CHE TEAT LENGTH	-43.508	0.4250
HOL REAR ATTACHMENT HEIGHT	CHE REAR UDDER HEIGHT	-52.032	0.4888
HOL REAR TEAT PLACEMENT	CHE REAR TEAT PLACEMENT	-52.778	0.4934
HOL ANGULARITY	CHE ANGULARITY	-60.361	0.5350
HOL BODY CONDITION SCORE	CHE BODY CONDITION SCORE	52.524	0.5207

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=CZE

	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	CZE OVERALL SCORE	-39.920	0.3797	0.71		
HOL FEET AND LEGS	CZE OVERALL FEET & LEG	-32.469	0.3131			
HOL MAMMARY SYSTEM	CZE OVERALL UDDER SCORE	-39.472	0.3810			
HOL STATURE	CZE STATURE	-43.343	0.4137			
HOL CHEST WIDTH	CZE CHEST WIDTH	-38.166	0.3745			
HOL BODY DEPTH	CZE BODY DEPTH	-34.562	0.3258			
HOL PIN WIDTH	CZE RUMP WIDTH	-39.772	0.3739			
HOL RUMP ANGLE	CZE RUMP ANGLE	-39.416	0.3924			
HOL FOOT ANGLE	CZE FOOT ANGLE	-32.144	0.3091			
HOL REAR LEGS SIDE VIEW	CZE REAR LEG SET	-38.412	0.3745			
HOL REAR LEG REAR VIEW	CZE REAR LEG REAR VIEW	-35.206	0.3394			
HOL UDDER DEPTH	CZE UDDER DEPTH	-40.208	0.4004			
HOL MEDIAN SUSPENSORY	CZE MEDIAN SUSPENSORY	-33.892	0.3168			
HOL FORE ATTACHMENT	CZE FORE UDDER	-41.374	0.3940			
HOL FRONT TEAT PLACEMENT	CZE FRONT TEAT PLACEMENT	-39.369	0.3956			
HOL TEAT LENGTH	CZE TEAT LENGTH	-32.142	0.3229			
HOL REAR ATTACHMENT HEIGHT	CZE REAR UDDER HEIGHT	-40.091	0.3734			
HOL REAR TEAT PLACEMENT	CZE REAR TEAT PLACEMENT	-35.205	0.3486			
HOL ANGULARITY	CZE ANGULARITY	-41.939	0.3737			
HOL BODY CONDITION SCORE	CZE BODY CONDITION SCORE	64.165	0.3865			

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=DEU

	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 FEET AND LEGS		DEU OVERALL FEET & LEG		-45.339	0.4453	
HOL MAMMARY SYSTEM		DEU OVERALL UDDER SCORE		-41.198	0.3814	
HOL STATURE		DEU STATURE		-46.648	0.4248	
HOL CHEST WIDTH		DEU CHEST WIDTH		-48.275	0.4684	
HOL BODY DEPTH		DEU BODY DEPTH		-44.136	0.4261	
HOL PIN WIDTH		DEU RUMP WIDTH		-53.877	0.5095	
HOL RUMP ANGLE		DEU RUMP ANGLE		-48.508	0.4928	
HOL FOOT ANGLE		DEU FOOT ANGLE		-46.871	0.4542	
HOL REAR LEGS SIDE VIEW		DEU REAR LEG SET		-50.974	0.5034	
HOL REAR LEG REAR VIEW		DEU REAR LEG REAR VIEW		-52.751	0.5237	
HOL UDDER DEPTH		DEU UDDER DEPTH		-41.156	0.3962	
HOL MEDIAN SUSPENSORY		DEU MEDIAN SUSPENSORY		-48.908	0.4598	
HOL FORE ATTACHMENT		DEU FORE UDDER		-47.948	0.4555	
HOL FRONT TEAT PLACEMENT		DEU FRONT TEAT PLACEMENT		-43.539	0.4180	
HOL TEAT LENGTH		DEU TEAT LENGTH		-36.912	0.3775	
HOL REAR ATTACHMENT HEIGHT		DEU REAR UDDER HEIGHT		-41.362	0.3863	
HOL REAR TEAT PLACEMENT		DEU REAR TEAT PLACEMENT		-42.493	0.4034	
HOL ANGULARITY		DEU ANGULARITY		-50.128	0.4580	
HOL BODY CONDITION SCORE		DEU BODY CONDITION SCORE		58.539	0.4341	

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=DFS

	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		DFS OVERALL CONFORMATION		-54.048	0.4416	0.59
HOL FEET AND LEGS		DFS OVERALL FEET & LEG		-44.179	0.4240	
HOL MAMMARY SYSTEM		DFS OVERALL UDDER SCORE		-43.025	0.3825	
HOL STATURE		DFS STATURE		-56.021	0.4988	
HOL CHEST WIDTH		DFS CHEST WIDTH		-52.803	0.4954	
HOL BODY DEPTH		DFS BODY DEPTH		-50.417	0.4563	
HOL PIN WIDTH		DFS RUMP WIDTH		-51.645	0.4624	
HOL RUMP ANGLE		DFS RUMP ANGLE		-50.342	0.5118	
HOL FOOT ANGLE		DFS FOOT ANGLE		-48.937	0.4604	
HOL REAR LEGS SIDE VIEW		DFS REAR LEG SET		-45.624	0.4610	
HOL REAR LEG REAR VIEW		DFS REAR LEG REAR VIEW		-49.872	0.4775	

HOL UDDER DEPTH	DFS UDDER DEPTH	-44.987	0.4466
HOL MEDIAN SUSPENSORY	DFS MEDIAN SUSPENSORY	-44.151	0.3811
HOL FORE ATTACHMENT	DFS FORE UDDER	-48.443	0.4437
HOL FRONT TEAT PLACEMENT	DFS FRONT TEAT PLACEMENT	-54.823	0.5311
HOL TEAT LENGTH	DFS TEAT LENGTH	-45.705	0.4640
HOL REAR ATTACHMENT HEIGHT	DFS REAR UDDER HEIGHT	-46.311	0.4196
HOL REAR TEAT PLACEMENT	DFS REAR TEAT PLACEMENT	-54.707	0.5133
HOL ANGULARITY	DFS DAIRY FORM	-65.167	0.5716
HOL BODY CONDITION SCORE	DFS BODY CONDITION SCORE	56.275	0.4721

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=ESP

	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	ESP FINAL CLASS	-6.012	5.9313	0.61		
HOL FEET AND LEGS	ESP OVERALL FEET & LEG	-3.305	5.6943			
HOL MAMMARY SYSTEM	ESP OVERALL UDDER SCORE	-5.862	5.2687			
HOL STATURE	ESP STATURE	-5.349	6.2546			
HOL CHEST WIDTH	ESP CHEST WIDTH	-0.559	5.4767			
HOL BODY DEPTH	ESP BODY DEPTH	-0.671	4.8836			
HOL PIN WIDTH	ESP PIN WIDTH	-2.203	5.6441			
HOL RUMP ANGLE	ESP RUMP ANGLE	0.429	5.1393			
HOL FOOT ANGLE	ESP FOOT ANGLE	-2.066	5.6449			
HOL REAR LEGS SIDE VIEW	ESP REAR LEG SET	-0.977	4.8832			
HOL REAR LEG REAR VIEW	ESP REAR LEG REAR VIEW	-1.055	5.2356			
HOL UDDER DEPTH	ESP UDDER DEPTH	-4.921	4.8850			
HOL MEDIAN SUSPENSORY	ESP MEDIAN SUSPENSORY	-4.227	5.7161			
HOL FORE ATTACHMENT	ESP FORE UDDER	-5.235	5.6804			
HOL FRONT TEAT PLACEMENT	ESP FRONT TEAT PLACEMENT	-2.783	5.9176			
HOL TEAT LENGTH	ESP TEAT LENGTH	1.211	4.5477			
HOL REAR ATTACHMENT HEIGHT	ESP REAR UDDER HEIGHT	-5.364	5.5392			
HOL REAR TEAT PLACEMENT	ESP REAR TEAT PLACEMENT	-2.931	6.2091			
HOL ANGULARITY	ESP ANGULARITY	-5.379	7.2127			
HOL BODY CONDITION SCORE	ESP BODY CONDITION SCORE	102.946	5.3725			

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=EST

c	c	f
a	o	o

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

HOL CONFORMATION	EST OVERALL CONFORMATION	-53.847	0.4517	0.59
HOL FEET AND LEGS	EST OVERALL FEET & LEG	-32.311	0.2753	
HOL MAMMARY SYSTEM	EST OVERALL UDDER SCORE	-49.704	0.4204	
HOL STATURE	EST STATURE	-53.480	0.4672	
HOL CHEST WIDTH	EST CHEST WIDTH	-35.464	0.3433	
HOL BODY DEPTH	EST BODY DEPTH	-35.578	0.3413	
HOL PIN WIDTH	EST RUMP WIDTH	-45.796	0.4160	
HOL RUMP ANGLE	EST RUMP ANGLE	-38.031	0.3919	
HOL FOOT ANGLE	EST FOOT ANGLE	-36.163	0.3249	
HOL REAR LEGS SIDE VIEW	EST REAR LEG SET	-36.693	0.3634	
HOL REAR LEG REAR VIEW	EST REAR LEG REAR VIEW	-30.945	0.2846	
HOL UDDER DEPTH	EST UDDER DEPTH	-48.063	0.4270	
HOL MEDIAN SUSPENSORY	EST MEDIAN SUSPENSORY	-39.401	0.3366	
HOL FORE ATTACHMENT	EST FORE UDDER	-41.337	0.3500	
HOL FRONT TEAT PLACEMENT	EST FRONT TEAT PLACEMENT	-48.014	0.4445	
HOL TEAT LENGTH	EST TEAT LENGTH	-33.500	0.3446	
HOL REAR ATTACHMENT HEIGHT	EST REAR UDDER HEIGHT	-46.074	0.3983	
HOL REAR TEAT PLACEMENT	EST REAR TEAT PLACEMENT	-46.720	0.4311	
HOL ANGULARITY	EST ANGULARITY	-42.092	0.3525	
HOL BODY CONDITION SCORE	EST BODY CONDITION SCORE	62.403	0.3951	

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=FRA

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

HOL STATURE	FRA STATURE	-2.755	5.1957
HOL CHEST WIDTH	FRA CHEST DEPTH	0.646	4.7455
HOL BODY DEPTH	FRA BODY DEPTH	-0.315	3.3622
HOL PIN WIDTH	FRA RUMP WIDTH	-1.393	5.1431
HOL RUMP ANGLE	FRA RUMP ANGLE	1.863	5.4004
HOL FOOT ANGLE	FRA HEEL DEPTH	-1.563	5.1495
HOL REAR LEGS SIDE VIEW	FRA REAR LEG SET	-0.205	4.9749
HOL REAR LEG REAR VIEW	FRA REAR LEG REAR VIEW	-1.750	4.9665
HOL UDDER DEPTH	FRA UDDER DEPTH	-2.538	4.5598
HOL MEDIAN SUSPENSORY	FRA MEDIAN SUSPENSORY	-3.133	4.2763
HOL FORE ATTACHMENT	FRA FORE UDDER	-3.839	5.0304
HOL FRONT TEAT PLACEMENT	FRA FRONT TEAT PLACEMENT	-1.474	5.2643
HOL TEAT LENGTH	FRA TEAT LENGTH	1.442	4.9727
HOL REAR ATTACHMENT HEIGHT	FRA REAR UDDER HEIGHT	-3.789	4.5044

HOL REAR TEAT PLACEMENT	FRA REAR TEAT PLACEMENT	-1.642	5.5559
HOL ANGULARITY	FRA ANGULARITY	-3.767	5.8774
HOL BODY CONDITION SCORE	FRA BODY CONDITION SCORE	102.679	5.8013

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=GBR

	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 MAMMARY SYSTEM	GBR OVERALL UDDER SCORE	-4.556	5.1447
HOL STATURE	GBR STATURE	-3.756	4.7165
HOL CHEST WIDTH	GBR CHEST WIDTH	-1.144	4.3748
HOL BODY DEPTH	GBR BODY DEPTH	-0.098	3.9345
HOL PIN WIDTH	GBR RUMP WIDTH	-2.021	4.8480
HOL RUMP ANGLE	GBR RUMP ANGLE	0.181	4.5818
HOL FOOT ANGLE	GBR FOOT ANGLE	-1.773	4.1243
HOL REAR LEGS SIDE VIEW	GBR REAR LEG SET	0.007	4.1128
HOL REAR LEG REAR VIEW	GBR REAR LEG REAR VIEW	-1.616	3.3025
HOL UDDER DEPTH	GBR UDDER DEPTH	-2.763	4.6732
HOL MEDIAN SUSPENSORY	GBR MEDIAN SUSPENSORY	-3.171	4.4032
HOL FORE ATTACHMENT	GBR FORE UDDER	-3.088	4.6870
HOL TEAT PLACEMENT	GBR FRONT TEAT PLACEMENT	-1.767	4.8878
HOL TEAT LENGTH	GBR TEAT LENGTH	0.450	3.9708
HOL REAR ATTACHMENT HEIGHT	GBR REAR UDDER HEIGHT	-3.746	3.8911
HOL REAR TEAT PLACEMENT	GBR REAR TEAT PLACEMENT	-1.701	4.6169
HOL ANGULARITY	GBR ANGULARITY	-3.416	5.9366
HOL BODY CONDITION SCORE	GBR BODY CONDITION SCORE	100.945	4.9499

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=HUN

	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	HUN OVERALL CONFORMATION	-6.586	4.5788	0.64
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HOL FEET AND LEGS	HUN OVERALL FEET & LEG	-3.090	3.4067
HOL MAMMARY SYSTEM	HUN OVERALL UDDER SCORE	-4.968	4.2459
HOL STATURE	HUN STATURE	-6.723	5.8012
HOL CHEST WIDTH	HUN CHEST WIDTH	-1.475	5.0311
HOL BODY DEPTH	HUN BODY DEPTH	-1.362	4.2062
HOL PIN WIDTH	HUN RUMP WIDTH	-3.640	5.3590
HOL RUMP ANGLE	HUN RUMP ANGLE	0.164	5.7389
HOL FOOT ANGLE	HUN FOOT ANGLE	-1.985	5.0440
HOL REAR LEGS SIDE VIEW	HUN REAR LEG SET	-1.171	5.4543
HOL REAR LEG REAR VIEW	HUN REAR LEG REAR VIEW	-1.716	4.5588
HOL UDDER DEPTH	HUN UDDER DEPTH	-3.841	5.0018
HOL MEDIAN SUSPENSORY	HUN MEDIAN SUSPENSORY	-3.220	4.7132
HOL FORE ATTACHMENT	HUN FORE UDDER	-3.753	4.7771
HOL FRONT TEAT PLACEMENT	HUN FRONT TEAT PLACEMENT	-1.985	5.7969
HOL TEAT LENGTH	HUN TEAT LENGTH	1.583	4.4750
HOL REAR ATTACHMENT HEIGHT	HUN REAR UDDER HEIGHT	-5.770	5.0010
HOL REAR TEAT PLACEMENT	HUN REAR TEAT PLACEMENT	-1.773	5.3831
HOL ANGULARITY	HUN ANGULARITY	-5.506	4.8466
HOL BODY CONDITION SCORE	HUN BODY CONDITION SCORE	102.644	5.5839

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
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	-12.889	5.3509	0.50		
HOL FEET AND LEGS	IRL OVERALL FEET & LEG	-6.009	3.7464			
HOL MAMMARY SYSTEM	IRL OVERALL UDDER SCORE	-10.277	4.6567			
HOL STATURE	IRL STATURE	-10.588	6.8578			
HOL CHEST WIDTH	IRL CHEST WIDTH	-1.298	3.6823			
HOL BODY DEPTH	IRL BODY DEPTH	-1.480	3.7936			
HOL PIN WIDTH	IRL RUMP WIDTH	-5.706	2.8392			
HOL RUMP ANGLE	IRL RUMP ANGLE	-0.103	3.2893			
HOL FOOT ANGLE	IRL FOOT ANGLE	-5.302	3.3990			
HOL REAR LEGS SIDE VIEW	IRL REAR LEG SET	-0.401	2.9662			
HOL REAR LEG REAR VIEW	IRL REAR LEG REAR VIEW	-3.744	2.7075			
HOL UDDER DEPTH	IRL UDDER DEPTH	-6.506	3.9175			
HOL MEDIAN SUSPENSORY	IRL MEDIAN SUSPENSORY	-8.252	4.3355			
HOL FORE ATTACHMENT	IRL FORE UDDER	-7.108	3.8444			
HOL TEAT PLACEMENT	IRL FRONT TEAT PLACEMENT	-5.685	4.3711			
HOL TEAT LENGTH	IRL TEAT LENGTH	0.924	2.9979			
HOL REAR ATTACHMENT HEIGHT	IRL REAR UDDER HEIGHT	-8.200	3.9244			
HOL REAR TEAT PLACEMENT	IRL REAR TEAT PLACEMENT	-5.114	4.2683			
HOL ANGULARITY	IRL ANGULARITY	-11.646	8.2235			
HOL BODY CONDITION SCORE	IRL BODY CONDITION SCORE	106.037	5.4977			

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
 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	r	t	r	v	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		ITA FINAL SCORE		-4.749	5.7627	0.66
HOL FEET AND LEGS		ITA OVERALL FEET & LEG		-1.972	2.6178	
HOL MAMMARY SYSTEM		ITA OVERALL UDDER SCORE		-4.285	4.4962	
HOL STATURE		ITA STATURE		-4.199	4.4806	
HOL CHEST WIDTH		ITA STRENGTH		-0.803	3.6015	
HOL BODY DEPTH		ITA BODY DEPTH		-0.830	3.0470	
HOL PIN WIDTH		ITA RUMP WIDTH		-2.333	3.8113	
HOL RUMP ANGLE		ITA RUMP ANGLE		0.534	3.8524	
HOL FOOT ANGLE		ITA FOOT ANGLE		-1.981	3.2387	
HOL REAR LEGS SIDE VIEW		ITA REAR LEG SET		-0.459	3.7202	
HOL REAR LEG REAR VIEW		ITA REAR LEG REAR VIEW		-1.601	2.7233	
HOL UDDER DEPTH		ITA UDDER DEPTH		-3.284	3.6175	
HOL MEDIAN SUSPENSORY		ITA MEDIAN SUSPENSORY		-2.418	3.1820	
HOL FORE ATTACHMENT		ITA FORE UDDER		-3.718	3.4705	
HOL FRONT TEAT PLACEMENT		ITA FRONT TEAT PLACEMENT		-1.795	4.1620	
HOL TEAT LENGTH		ITA TEAT LENGTH		0.513	3.3412	
HOL REAR ATTACHMENT HEIGHT		ITA REAR UDDER HEIGHT		-3.818	3.1486	
HOL REAR TEAT PLACEMENT		ITA REAR TEAT PLACEMENT		-1.309	3.8245	
HOL ANGULARITY		ITA ANGULARITY		-4.182	4.3725	
HOL BODY CONDITION SCORE		ITA BODY CONDITION SCORE		17.363	0.8519	

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
 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	r	t	r	v	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		JPN OVERALL CONFORMATION		-5.554	8.4672	0.74
HOL FEET AND LEGS		JPN OVERALL FEET & LEG		-3.524	8.6934	
HOL MAMMARY SYSTEM		JPN OVERALL UDDER SCORE		-5.124	6.9253	
HOL STATURE		JPN STATURE		-4.584	4.3608	

HOL CHEST WIDTH	JPN CHEST WIDTH	-1.323	3.1551
HOL BODY DEPTH	JPN BODY DEPTH	-1.084	2.8529
HOL PIN WIDTH	JPN RUMP WIDTH	-2.802	4.1554
HOL RUMP ANGLE	JPN RUMP ANGLE	0.467	4.0747
HOL FOOT ANGLE	JPN FOOT ANGLE	-1.381	2.3606
HOL REAR LEGS SIDE VIEW	JPN REAR LEG SET	-0.029	3.4178
HOL REAR LEG REAR VIEW	JPN REAR LEG REAR VIEW	-1.633	2.9751
HOL UDDER DEPTH	JPN UDDER DEPTH	-4.266	3.9376
HOL MEDIAN SUSPENSORY	JPN MEDIAN SUSPENSORY	-2.303	2.4876
HOL FORE ATTACHMENT	JPN FORE UDDER	-4.017	3.6127
HOL FRONT TEAT PLACEMENT	JPN FRONT TEAT PLACEMENT	-1.920	3.9242
HOL TEAT LENGTH	JPN TEAT LENGTH	0.834	3.6105
HOL REAR ATTACHMENT HEIGHT	JPN REAR UDDER HEIGHT	-4.484	3.5508
HOL REAR TEAT PLACEMENT	JPN REAR TEAT PLACEMENT	-1.342	3.8941
HOL ANGULARITY	JPN ANGULARITY	-3.668	3.7348
HOL BODY CONDITION SCORE	JPN BODY CONDITION SCORE	101.114	3.2998

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=KOR

	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	KOR CONFORMATION	-9.198	0.5863	0.53		
HOL STATURE	KOR STATURE	-7.288	1.1614			
HOL CHEST WIDTH	KOR CHEST WIDTH	0.620	1.6106			
HOL BODY DEPTH	KOR BODY DEPTH	0.217	1.1858			
HOL PIN WIDTH	KOR RUMP WIDTH	-3.187	1.4107			
HOL RUMP ANGLE	KOR RUMP ANGLE	0.049	1.1007			
HOL FOOT ANGLE	KOR FOOT ANGLE	-3.633	3.1513			
HOL REAR LEGS SIDE VIEW	KOR REAR LEG SET	0.886	2.3365			
HOL REAR LEG REAR VIEW	KOR REAR LEG REAR VIEW	-2.192	2.4633			
HOL UDDER DEPTH	KOR UDDER DEPTH	-7.583	0.8831			
HOL MEDIAN SUSPENSORY	KOR MEDIAN SUSPENSORY	-5.357	1.6572			
HOL FORE ATTACHMENT	KOR FORE UDDER	-5.226	1.1959			
HOL TEAT PLACEMENT	KOR FRONT TEAT PLACEMENT	-5.651	1.6153			
HOL TEAT LENGTH	KOR TEAT LENGTH	1.992	1.0579			
HOL REAR ATTACHMENT HEIGHT	KOR REAR UDDER HEIGHT	-6.828	1.3020			
HOL REAR TEAT PLACEMENT	KOR REAR TEAT PLACEMENT	-3.636	2.4406			
HOL ANGULARITY	KOR ANGULARITY	-5.721	2.1327			
HOL BODY CONDITION SCORE	KOR BODY CONDITION SCORE	102.912	2.0415			

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
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		-153.677	1.4431	0.59
HOL FEET AND LEGS		NLD OVERALL FEET & LEG		-82.495	0.7990	
HOL MAMMARY SYSTEM		NLD OVERALL UDDER SCORE		-112.507	1.0470	
HOL STATURE		NLD STATURE		-125.257	1.1799	
HOL CHEST WIDTH		NLD CHEST WIDTH		-127.865	1.2774	
HOL BODY DEPTH		NLD BODY DEPTH		-85.411	0.8342	
HOL PIN WIDTH		NLD PIN WIDTH		-122.843	1.1916	
HOL RUMP ANGLE		NLD RUMP ANGLE		-112.737	1.1560	
HOL FOOT ANGLE		NLD CLAW DIAGONAL		-101.313	0.9885	
HOL REAR LEGS SIDE VIEW		NLD REAR LEG SET		-108.948	1.0741	
HOL REAR LEG REAR VIEW		NLD REAR LEG REAR VIEW		-125.133	1.2390	
HOL UDDER DEPTH		NLD UDDER DEPTH		-109.851	1.0464	
HOL MEDIAN SUSPENSORY		NLD MEDIAN SUSPENSORY		-113.193	1.0689	
HOL FORE ATTACHMENT		NLD FORE UDDER		-109.513	1.0369	
HOL FRONT TEAT PLACEMENT		NLD FRONT TEAT PLACEMENT		-125.915	1.2290	
HOL TEAT LENGTH		NLD TEAT LENGTH		-100.043	1.0077	
HOL REAR ATTACHMENT HEIGHT		NLD REAR UDDER HEIGHT		-93.702	0.8725	
HOL REAR TEAT PLACEMENT		NLD REAR TEAT PLACEMENT		-125.353	1.2202	
HOL ANGULARITY		NLD ANGULARITY		-121.267	1.1219	
HOL BODY CONDITION SCORE		NLD BODY CONDITION SCORE		-15.674	1.2052	

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
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	t	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		-22.375	13.0237	0.40
HOL MAMMARY SYSTEM		NZL OVERALL UDDER SCORE		-17.913	11.2033	
HOL STATURE		NZL STATURE		-29.277	11.0137	
HOL CHEST WIDTH		NZL CHEST WIDTH		-3.468	12.1239	
HOL BODY DEPTH		NZL BODY DEPTH		-4.081	10.3376	
HOL PIN WIDTH		NZL RUMP WIDTH		-15.343	17.1825	
HOL RUMP ANGLE		NZL RUMP ANGLE		-0.379	16.2368	
HOL REAR LEGS SIDE VIEW		NZL REAR LEG SET		4.364	26.0658	
HOL MEDIAN SUSPENSORY		NZL MEDIAN SUSPENSORY		-15.649	9.7855	

HOL FORE ATTACHMENT	NZL FORE UDDER	-12.380	11.7990
HOL FRONT TEAT PLACEMENT	NZL FRONT TEAT PLACEMENT	-10.873	18.8493
HOL REAR ATTACHMENT HEIGHT	NZL REAR UDDER HEIGHT	-14.420	11.2021
HOL REAR TEAT PLACEMENT	NZL REAR TEAT PLACEMENT	-12.094	12.5297

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
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		-84.517	0.7312	0.53
HOL FEET AND LEGS		POL OVERALL FEET & LEG		-51.752	0.4565	
HOL MAMMARY SYSTEM		POL OVERALL UDDER SCORE		-76.612	0.6605	
HOL STATURE		POL STATURE		-83.566	0.7367	
HOL CHEST WIDTH		POL CHEST WIDTH		-46.955	0.4573	
HOL BODY DEPTH		POL BODY DEPTH		-41.174	0.3945	
HOL PIN WIDTH		POL RUMP WIDTH		-56.574	0.5184	
HOL RUMP ANGLE		POL RUMP ANGLE		-48.144	0.4856	
HOL FOOT ANGLE		POL FOOT ANGLE		-49.255	0.4482	
HOL REAR LEGS SIDE VIEW		POL REAR LEG SET		-44.609	0.4451	
HOL REAR LEG REAR VIEW		POL REAR LEG REAR VIEW		-46.016	0.4327	
HOL UDDER DEPTH		POL UDDER DEPTH		-62.697	0.5583	
HOL MEDIAN SUSPENSORY		POL MEDIAN SUSPENSORY		-59.022	0.5207	
HOL FORE ATTACHMENT		POL FORE UDDER		-58.464	0.5105	
HOL FRONT TEAT PLACEMENT		POL FRONT TEAT PLACEMENT		-66.895	0.6144	
HOL TEAT LENGTH		POL TEAT LENGTH		-41.481	0.4285	
HOL REAR ATTACHMENT HEIGHT		POL REAR UDDER HEIGHT		-69.282	0.6047	
HOL REAR TEAT PLACEMENT		POL REAR TEAT PLACEMENT		-57.233	0.5400	
HOL ANGULARITY		POL ANGULARITY		-89.688	0.7866	

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
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	-7.137	17.2084	0.56
HOL FEET AND LEGS	PRT OVERALL FEET & LEG	-3.287	21.5852	
HOL MAMMARY SYSTEM	PRT OVERALL UDDER SCORE	-6.232	10.8784	
HOL STATURE	PRT STATURE	-8.212	4.0124	
HOL CHEST WIDTH	PRT CHEST WIDTH	-1.104	2.6136	
HOL BODY DEPTH	PRT BODY DEPTH	-1.033	2.2838	
HOL PIN WIDTH	PRT RUMP WIDTH	-4.451	3.1831	
HOL RUMP ANGLE	PRT RUMP ANGLE	1.219	3.1731	
HOL FOOT ANGLE	PRT FOOT ANGLE	-3.797	2.0814	
HOL REAR LEGS SIDE VIEW	PRT REAR LEG SET	-0.640	2.1391	
HOL REAR LEG REAR VIEW	PRT REAR LEG REAR VIEW	-2.233	1.9463	
HOL UDDER DEPTH	PRT UDDER DEPTH	-5.850	2.9329	
HOL MEDIAN SUSPENSORY	PRT MEDIAN SUSPENSORY	-5.672	2.6045	
HOL FORE ATTACHMENT	PRT FORE UDDER	-6.554	2.4080	
HOL TEAT PLACEMENT	PRT FRONT TEAT PLACEMENT	-4.835	3.4526	
HOL TEAT LENGTH	PRT TEAT LENGTH	1.030	2.4928	
HOL REAR ATTACHMENT HEIGHT	PRT REAR UDDER HEIGHT	-8.211	3.2252	
HOL REAR TEAT PLACEMENT	PRT REAR TEAT PLACEMENT	-4.134	3.3517	
HOL ANGULARITY	PRT ANGULARITY	-9.322	4.1250	
HOL BODY CONDITION SCORE	PRT BODY CONDITION SCORE	103.735	2.4932	

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Conversion Factors For Type. Source = INTERBULL MACE 1904  
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	c
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	-40.984	0.2788	0.58		
HOL FEET AND LEGS	SVN OVERALL FEET & LEG	-24.530	0.1794			
HOL MAMMARY SYSTEM	SVN OVERALL UDDER SCORE	-38.258	0.2633			
HOL STATURE	SVN STATURE	-48.238	0.3588			
HOL CHEST WIDTH	SVN CHEST WIDTH	-27.379	0.2568			
HOL BODY DEPTH	SVN BODY DEPTH	-25.941	0.2273			
HOL PIN WIDTH	SVN RUMP WIDTH	-29.645	0.2463			
HOL RUMP ANGLE	SVN RUMP ANGLE	-30.802	0.3147			
HOL FOOT ANGLE	SVN FOOT ANGLE	-25.918	0.2166			
HOL REAR LEGS SIDE VIEW	SVN REAR LEG SET	-25.434	0.2520			
HOL REAR LEG REAR VIEW	SVN REAR LEG REAR VIEW	-24.888	0.2145			
HOL UDDER DEPTH	SVN UDDER DEPTH	-38.645	0.3112			
HOL MEDIAN SUSPENSORY	SVN MEDIAN SUSPENSORY	-33.198	0.2475			
HOL FORE ATTACHMENT	SVN FORE UDDER	-31.972	0.2308			
HOL TEAT PLACEMENT	SVN FRONT TEAT PLACEMENT	-40.963	0.3338			
HOL TEAT LENGTH	SVN TEAT LENGTH	-25.265	0.2720			
HOL REAR ATTACHMENT HEIGHT	SVN REAR UDDER HEIGHT	-40.046	0.2984			
HOL REAR TEAT PLACEMENT	SVN REAR TEAT PLACEMENT	-44.278	0.3655			
HOL ANGULARITY	SVN ANGULARITY	-32.914	0.2161			
HOL BODY CONDITION SCORE	SVN BODY CONDITION SCORE	84.181	0.2145			

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 Conversion Factors For Type. Source = INTERBULL MACE 1904  
 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)		-4.019	5.0870	0.69
HOL FEET AND LEGS		USA FEET & LEGS SCORE		-2.305	3.7506	
HOL MAMMARY SYSTEM		USA UDDER COMPOSITE		-2.916	4.4166	
HOL STATURE		USA STATURE		-3.722	4.3861	
HOL CHEST WIDTH		USA STRENGTH		-0.571	4.2675	
HOL BODY DEPTH		USA BODY DEPTH		-1.092	3.2875	
HOL PIN WIDTH		USA THURL WIDTH		-1.794	4.1207	
HOL RUMP ANGLE		USA RUMP ANGLE		-0.370	4.0657	
HOL FOOT ANGLE		USA FOOT ANGLE		-2.041	3.8349	
HOL REAR LEGS SIDE VIEW		USA REAR LEGS - SIDE VIEW		0.119	3.7835	
HOL REAR LEG REAR VIEW		USA REAR LEGS - REAR VIEW		-1.187	3.3429	
HOL UDDER DEPTH		USA UDDER DEPTH		-2.133	3.6230	
HOL MEDIAN SUSPENSORY		USA UDDER CLEFT		-2.347	3.2894	
HOL FORE ATTACHMENT		USA FORE ATTACHMENT		-2.492	3.5380	
HOL FRONT TEAT PLACEMENT		USA FRONT TEAT PLACEMENT		-0.983	3.9949	
HOL TEAT LENGTH		USA TEAT LENGTH		0.397	3.6757	
HOL REAR ATTACHMENT HEIGHT		USA REAR UDDER HEIGHT		-3.339	3.0030	
HOL REAR TEAT PLACEMENT		USA REAR TEAT PLACEMENT		-1.606	3.5862	
HOL ANGULARITY		USA DAIRY FORM		-4.037	4.5430	
HOL BODY CONDITION SCORE		USA BODY CONDITION SCORE		102.125	-3.4203	

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 Conversion Factors For Type. Source = INTERBULL MACE 1904  
 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	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 STATURE		ZAF STATURE		-5.984	6.9472	
HOL CHEST WIDTH		ZAF CHEST WIDTH		-0.566	6.6079	

HOL BODY DEPTH	ZAF BODY DEPTH	-1.000	5.5106
HOL PIN WIDTH	ZAF RUMP WIDTH	-2.484	5.5455
HOL RUMP ANGLE	ZAF RUMP ANGLE	0.758	6.3531
HOL FOOT ANGLE	ZAF FOOT ANGLE	-2.724	6.0224
HOL REAR LEGS SIDE VIEW	ZAF REAR LEG SET	0.090	5.8867
HOL REAR LEG REAR VIEW	ZAF REAR LEG REAR VIEW	-1.526	5.0439
HOL UDDER DEPTH	ZAF UDDER DEPTH	-3.443	5.6481
HOL MEDIAN SUSPENSORY	ZAF MEDIAN SUSPENSORY	-3.215	4.4372
HOL FORE ATTACHMENT	ZAF FORE UDDER	-3.280	5.5802
HOL TEAT PLACEMENT	ZAF FRONT TEAT PLACEMENT	-1.218	6.8067
HOL TEAT LENGTH	ZAF TEAT LENGTH	0.549	5.5824
HOL REAR ATTACHMENT HEIGHT	ZAF REAR UDDER HEIGHT	-4.754	5.1719
HOL REAR TEAT PLACEMENT	ZAF REAR TEAT PLACEMENT	-1.414	9.2527
HOL ANGULARITY	ZAF ANGULARITY	-5.491	6.2814

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CALCULATION OF FAT% AND PROTEIN% FOR APRIL 2019

BREED	BMILK	BFAT	BPRT
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AYS	7813	325	264
BSW	8633	366	305
CN	5913	254	210
GUE	6904	324	238
JER	6735	343	259
HOL	10397	407	336
MS	6689	264	222

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

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

EXAMPLE:

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

$$\begin{aligned}
 EBVFAT\% &= 200 * [ (407 + 50 * 0.5) / (10397 + 1000 * 0.5) - (407 / 1E4) ] \\
 &= 200 * [ (407 + 25) / (10397 + 500) - (0.03915) ] \\
 &= 200 * [ 0.03964 - 0.03915 ] \\
 &= 200 * 0.00050 \\
 &= 0.10
 \end{aligned}$$

$$\begin{aligned}
 EBVPROT\% &= 200 * [ (336 + 40 * 0.5) / (10397 + 1000 * 0.5) - (336 / 1E4) ] \\
 &= 200 * [ (336 + 20) / (10397 + 500) - (0.03232) ] \\
 &= 200 * [ 0.03267 - 0.03232 ] \\
 &= 200 * 0.00035 \\
 &= 0.07
 \end{aligned}$$