
 -
 Conversion Factors For Production Traits. Source: INTERBULL 1912
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = PCORR2*Foreign Reliability

breed	country2	amilk	bmilk	afat	bfat	aprot	bprot	pcorr2
HOL	AUS	-684.80	1.5630	-13.000	1.6630	-12.300	1.5910	0.4624
HOL	BEL	-609.18	1.3361	-20.455	1.2942	-9.240	1.1968	0.6400
HOL	CHE	-945.90	1.1440	-18.500	1.1020	-19.800	1.0740	0.7056
HOL	CZE	174.80	1.0230	4.800	1.3070	12.500	1.2110	0.6400
HOL	DEU	-65.20	1.2510	0.900	1.2670	5.800	1.2800	0.7921
HOL	DFS	-6354.50	66.1970	-248.800	2.6790	-172.600	1.9790	0.8464
HOL	ESP	-93.00	1.3910	-13.500	1.3750	-4.300	1.3850	0.8100
HOL	EST	-452.30	1.3830	-6.200	1.4100	-4.600	1.3170	0.6724
HOL	FRA	298.10	1.1000	6.100	1.0760	18.400	1.0860	0.7569
HOL	GBR	-386.60	2.5710	-8.300	2.9700	-8.100	2.9490	0.7225
HOL	HRV	-5883.85	54.8862	-222.586	2.1244	-160.191	1.5677	0.6561
HOL	HUN	-222.60	0.9300	-13.100	0.9700	-6.000	0.8650	0.6724
HOL	IRL	-1474.90	4.0010	-32.700	3.6400	-30.200	3.3990	0.5476
HOL	ISR	-31.00	1.7310	15.600	1.7610	8.700	1.8510	0.6889
HOL	ITA	52.90	1.1810	-3.100	1.1580	3.900	1.0820	0.7396
HOL	JPN	168.30	1.2200	-5.400	1.2340	1.900	1.2560	0.8281
HOL	KOR	-188.20	1.4840	-16.100	1.4410	-10.100	1.5440	0.6889
HOL	LTU	-1899.70	1.5150	-43.700	1.3010	-46.600	1.3610	0.6561
HOL	LVA	-621.00	1.7410	-9.600	1.3830	-9.600	1.6180	0.6400
HOL	MEX	53.19	1.6393	-7.495	1.8710	-2.775	1.5956	0.6561
HOL	NLD	-170.40	1.0450	5.000	1.0400	12.300	1.0210	0.7744
HOL	NZL	-2460.00	2.0060	-26.700	1.6750	-46.100	1.9280	0.4624
HOL	POL	-498.90	1.7000	-11.300	1.6720	-7.600	1.7770	0.7225
HOL	PRT	-75.50	1.2160	-16.300	1.3770	-3.600	1.2320	0.6400
HOL	SVK	-200.31	1.6243	-7.496	1.6639	-1.016	1.6266	0.6400
HOL	SVN	-7172.50	65.3340	-310.800	2.8630	-221.800	2.0620	0.6561
HOL	URY	-288.43	3.7326	-14.833	3.6589	-6.548	3.3316	0.6400
HOL	USA	50.50	1.0840	-6.900	1.1670	-0.300	1.2060	0.8281
HOL	ZAF	-235.02	1.2270	-8.629	1.4109	-4.352	1.3054	0.6400

 -
 Conversion Factors For SCS Traits. Source: INTERBULL 1912
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = SCORR2*Foreign Reliability

breed	country2	a	b	scorr2
HOL	AUS	96.500	-16.5920	0.7396
HOL	BEL	129.076	-10.0979	0.8281
HOL	CHE	56.100	0.4370	0.7921
HOL	CZE	68.100	0.3160	0.7744
HOL	DEU	58.300	0.4170	0.8649
HOL	DFS	57.500	0.4490	0.8649
HOL	ESP	51.600	0.4710	0.8649
HOL	EST	63.000	0.3660	0.7744
HOL	FRA	100.200	4.4730	0.8836
HOL	GBR	98.700	-0.3960	0.8836
HOL	HRV	55.329	0.4306	0.7744

HOL	HUN	99.100	-3.4150	0.7744
HOL	IRL	98.300	-45.7000	0.7569
HOL	ISR	100.100	-20.0750	0.7225
HOL	ITA	11.300	0.8830	0.8100
HOL	JPN	125.400	-12.6020	0.7744
HOL	KOR	100.619	-14.8456	0.7744
HOL	LTU	99.100	-13.4630	0.7744
HOL	LVA	96.700	-10.8870	0.7744
HOL	NLD	-15.900	1.1370	0.8281
HOL	NZL	97.100	-12.2690	0.7396
HOL	POL	48.600	0.5000	0.8100
HOL	PRT	98.500	-11.1670	0.7744
HOL	SVK	134.643	-12.1255	0.7744
HOL	SVN	49.600	0.4800	0.7744
HOL	URY	97.828	-25.1752	0.7744
HOL	USA	174.000	-24.9800	0.8836
HOL	ZAF	99.226	-0.1960	0.8100

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
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	-8.229	5.3422	0.34		
HOL FEET AND LEGS	AUS OVERALL FEET & LEG	-57.849	0.5109			
HOL MAMMARY SYSTEM	AUS OVERALL UDDER SCORE	-7.498	6.3919			
HOL STATURE	AUS STATURE	-7.132	8.2443			
HOL CHEST WIDTH	AUS CHEST WIDTH	0.687	9.4483			
HOL BODY DEPTH	AUS BODY DEPTH	1.679	9.2710			
HOL PIN WIDTH	AUS PIN WIDTH	-2.153	9.7145			
HOL RUMP ANGLE	AUS RUMP ANGLE	1.205	9.0610			
HOL FOOT ANGLE	AUS FOOT ANGLE	-4.738	12.2425			
HOL REAR LEGS SIDE VIEW	AUS REAR LEG SET	0.580	13.9177			
HOL REAR LEG REAR VIEW	AUS REAR LEG REAR VIEW	-3.332	10.5778			
HOL UDDER DEPTH	AUS UDDER DEPTH	-5.485	8.3792			
HOL MEDIAN SUSPENSORY	AUS MEDIAN SUSPENSORY	-5.620	11.1083			
HOL FORE ATTACHMENT	AUS FORE UDDER	-4.834	8.9404			
HOL FRONT TEAT PLACEMENT	AUS FRONT TEAT PLACEMENT	-2.661	8.9971			
HOL TEAT LENGTH	AUS TEAT LENGTH	1.050	7.0868			
HOL REAR ATTACHMENT HEIGHT	AUS REAR UDDER HEIGHT	-6.459	9.9155			
HOL REAR TEAT PLACEMENT	AUS REAR TEAT PLACEMENT	-2.280	11.2546			
HOL ANGULARITY	AUS ANGULARITY	-6.291	9.0835			

-
Conversion Factors For Type. Source = INTERBULL MACE 1912

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

country2=BEL

	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		BEL CONFORMATION		-5.392	3.4871	0.56
HOL FEET AND LEGS		BEL OVERALL FEET & LEG		-2.079	2.4824	
HOL MAMMARY SYSTEM		BEL OVERALL UDDER SCORE		-5.010	3.2621	
HOL STATURE		BEL STATURE		-4.371	4.9581	
HOL CHEST WIDTH		BEL CHEST WIDTH		-0.086	3.2986	
HOL BODY DEPTH		BEL BODY DEPTH		-0.309	3.2051	
HOL PIN WIDTH		BEL RUMP WIDTH		-1.856	3.9177	
HOL RUMP ANGLE		BEL RUMP ANGLE		1.154	3.6078	
HOL FOOT ANGLE		BEL FOOT ANGLE		-1.574	2.8219	
HOL REAR LEGS SIDE VIEW		BEL REAR LEG SET		-0.905	3.3026	
HOL REAR LEG REAR VIEW		BEL REAR LEG REAR VIEW		-0.693	2.9635	
HOL UDDER DEPTH		BEL UDDER DEPTH		-3.788	3.7141	
HOL MEDIAN SUSPENSORY		BEL MEDIAN SUSPENSORY		-3.560	2.9842	
HOL FORE ATTACHMENT		BEL FORE UDDER		-3.885	2.7419	
HOL TEAT PLACEMENT		BEL FRONT TEAT PLACEMENT		-2.719	4.1170	
HOL TEAT LENGTH		BEL TEAT LENGTH		0.789	3.3304	
HOL REAR ATTACHMENT HEIGHT		BEL REAR UDDER HEIGHT		-4.756	3.8218	
HOL REAR TEAT PLACEMENT		BEL REAR TEAT PLACEMENT		-2.924	4.1191	
HOL ANGULARITY		BEL ANGULARITY		-4.838	4.5674	
HOL BODY CONDITION SCORE		BEL BODY CONDITION SCORE		103.261	4.4695	

 -
 Conversion Factors For Type. Source = INTERBULL MACE 1912
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=CHE

	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		CHE FINAL SCORE		-51.890	0.4791	0.85
HOL FEET AND LEGS		CHE OVERALL FEET & LEG		-51.248	0.4900	
HOL MAMMARY SYSTEM		CHE OVERALL UDDER SCORE		-50.162	0.4598	
HOL STATURE		CHE STATURE		-57.379	0.5254	
HOL CHEST WIDTH		CHE CHEST WIDTH		-49.464	0.5002	
HOL BODY DEPTH		CHE BODY DEPTH		-43.914	0.4339	
HOL PIN WIDTH		CHE RUMP WIDTH		-50.874	0.4908	

HOL RUMP ANGLE	CHE RUMP ANGLE	-49.232	0.5006
HOL FOOT ANGLE	CHE FOOT ANGLE	-50.315	0.4813
HOL REAR LEGS SIDE VIEW	CHE REAR LEG SET	-49.277	0.4962
HOL REAR LEG REAR VIEW	CHE REAR LEG REAR VIEW	-42.338	0.4096
HOL UDDER DEPTH	CHE UDDER DEPTH	-43.727	0.4269
HOL MEDIAN SUSPENSORY	CHE MEDIAN SUSPENSORY	-50.346	0.4545
HOL FORE ATTACHMENT	CHE FORE UDDER	-45.699	0.4391
HOL FRONT TEAT PLACEMENT	CHE FRONT TEAT PLACEMENT	-51.694	0.4927
HOL TEAT LENGTH	CHE TEAT LENGTH	-43.262	0.4226
HOL REAR ATTACHMENT HEIGHT	CHE REAR UDDER HEIGHT	-52.381	0.4931
HOL REAR TEAT PLACEMENT	CHE REAR TEAT PLACEMENT	-52.526	0.4911
HOL ANGULARITY	CHE ANGULARITY	-60.034	0.5316
HOL BODY CONDITION SCORE	CHE BODY CONDITION SCORE	52.743	0.5172

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=CZE

	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
e	i	y	i	u	u	r
d	t	2	t	e	e	2
HOL CONFORMATION	CZE OVERALL SCORE	-40.348	0.3838	0.69		
HOL FEET AND LEGS	CZE OVERALL FEET & LEG	-32.273	0.3120			
HOL MAMMARY SYSTEM	CZE OVERALL UDDER SCORE	-39.665	0.3833			
HOL STATURE	CZE STATURE	-43.244	0.4117			
HOL CHEST WIDTH	CZE CHEST WIDTH	-39.460	0.3895			
HOL BODY DEPTH	CZE BODY DEPTH	-34.602	0.3268			
HOL PIN WIDTH	CZE RUMP WIDTH	-39.783	0.3746			
HOL RUMP ANGLE	CZE RUMP ANGLE	-40.705	0.4049			
HOL FOOT ANGLE	CZE FOOT ANGLE	-33.335	0.3214			
HOL REAR LEGS SIDE VIEW	CZE REAR LEG SET	-38.862	0.3812			
HOL REAR LEG REAR VIEW	CZE REAR LEG REAR VIEW	-35.039	0.3387			
HOL UDDER DEPTH	CZE UDDER DEPTH	-40.482	0.4015			
HOL MEDIAN SUSPENSORY	CZE MEDIAN SUSPENSORY	-35.275	0.3314			
HOL FORE ATTACHMENT	CZE FORE UDDER	-40.794	0.3863			
HOL FRONT TEAT PLACEMENT	CZE FRONT TEAT PLACEMENT	-42.018	0.4214			
HOL TEAT LENGTH	CZE TEAT LENGTH	-32.834	0.3305			
HOL REAR ATTACHMENT HEIGHT	CZE REAR UDDER HEIGHT	-39.189	0.3644			
HOL REAR TEAT PLACEMENT	CZE REAR TEAT PLACEMENT	-37.117	0.3667			
HOL ANGULARITY	CZE ANGULARITY	-42.649	0.3795			
HOL BODY CONDITION SCORE	CZE BODY CONDITION SCORE	63.136	0.3970			

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
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	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	-46.013	0.4524	
HOL MAMMARY SYSTEM		DEU	OVERALL UDDER SCORE	-41.157	0.3813	
HOL STATURE		DEU	STATURE	-46.596	0.4245	
HOL CHEST WIDTH		DEU	CHEST WIDTH	-48.230	0.4690	
HOL BODY DEPTH		DEU	BODY DEPTH	-44.019	0.4252	
HOL PIN WIDTH		DEU	RUMP WIDTH	-53.674	0.5083	
HOL RUMP ANGLE		DEU	RUMP ANGLE	-48.488	0.4927	
HOL FOOT ANGLE		DEU	FOOT ANGLE	-46.707	0.4531	
HOL REAR LEGS SIDE VIEW		DEU	REAR LEG SET	-50.833	0.5023	
HOL REAR LEG REAR VIEW		DEU	REAR LEG REAR VIEW	-52.828	0.5247	
HOL UDDER DEPTH		DEU	UDDER DEPTH	-40.613	0.3905	
HOL MEDIAN SUSPENSORY		DEU	MEDIAN SUSPENSORY	-48.875	0.4603	
HOL FORE ATTACHMENT		DEU	FORE UDDER	-47.734	0.4536	
HOL FRONT TEAT PLACEMENT		DEU	FRONT TEAT PLACEMENT	-43.332	0.4159	
HOL TEAT LENGTH		DEU	TEAT LENGTH	-36.656	0.3758	
HOL REAR ATTACHMENT HEIGHT		DEU	REAR UDDER HEIGHT	-41.305	0.3858	
HOL REAR TEAT PLACEMENT		DEU	REAR TEAT PLACEMENT	-42.228	0.4006	
HOL ANGULARITY		DEU	ANGULARITY	-50.141	0.4584	
HOL BODY CONDITION SCORE		DEU	BODY CONDITION SCORE	58.623	0.4334	

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
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	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	-54.515	0.4462	0.59
HOL FEET AND LEGS		DFS	OVERALL FEET & LEG	-44.622	0.4299	
HOL MAMMARY SYSTEM		DFS	OVERALL UDDER SCORE	-42.982	0.3867	
HOL STATURE		DFS	STATURE	-55.626	0.4982	
HOL CHEST WIDTH		DFS	CHEST WIDTH	-52.665	0.4955	
HOL BODY DEPTH		DFS	BODY DEPTH	-50.203	0.4527	
HOL PIN WIDTH		DFS	RUMP WIDTH	-51.408	0.4616	
HOL RUMP ANGLE		DFS	RUMP ANGLE	-50.251	0.5124	
HOL FOOT ANGLE		DFS	FOOT ANGLE	-48.763	0.4609	
HOL REAR LEGS SIDE VIEW		DFS	REAR LEG SET	-45.664	0.4607	
HOL REAR LEG REAR VIEW		DFS	REAR LEG REAR VIEW	-50.141	0.4801	

HOL UDDER DEPTH	DFS UDDER DEPTH	-43.848	0.4400
HOL MEDIAN SUSPENSORY	DFS MEDIAN SUSPENSORY	-44.038	0.3800
HOL FORE ATTACHMENT	DFS FORE UDDER	-48.029	0.4448
HOL FRONT TEAT PLACEMENT	DFS FRONT TEAT PLACEMENT	-54.357	0.5288
HOL TEAT LENGTH	DFS TEAT LENGTH	-45.534	0.4622
HOL REAR ATTACHMENT HEIGHT	DFS REAR UDDER HEIGHT	-45.757	0.4182
HOL REAR TEAT PLACEMENT	DFS REAR TEAT PLACEMENT	-54.469	0.5116
HOL ANGULARITY	DFS DAIRY FORM	-65.085	0.5723
HOL BODY CONDITION SCORE	DFS BODY CONDITION SCORE	56.303	0.4726

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
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	-5.220	6.0689	0.62		
HOL FEET AND LEGS	ESP OVERALL FEET & LEG	-2.899	5.8081			
HOL MAMMARY SYSTEM	ESP OVERALL UDDER SCORE	-5.249	5.3533			
HOL STATURE	ESP STATURE	-4.886	6.2897			
HOL CHEST WIDTH	ESP CHEST WIDTH	-0.475	5.4284			
HOL BODY DEPTH	ESP BODY DEPTH	-0.462	4.7952			
HOL PIN WIDTH	ESP PIN WIDTH	-1.903	5.6688			
HOL RUMP ANGLE	ESP RUMP ANGLE	0.545	5.1594			
HOL FOOT ANGLE	ESP FOOT ANGLE	-1.731	5.6312			
HOL REAR LEGS SIDE VIEW	ESP REAR LEG SET	-1.057	4.8329			
HOL REAR LEG REAR VIEW	ESP REAR LEG REAR VIEW	-0.821	5.2815			
HOL UDDER DEPTH	ESP UDDER DEPTH	-4.496	4.8340			
HOL MEDIAN SUSPENSORY	ESP MEDIAN SUSPENSORY	-3.791	5.6236			
HOL FORE ATTACHMENT	ESP FORE UDDER	-4.636	5.7193			
HOL FRONT TEAT PLACEMENT	ESP FRONT TEAT PLACEMENT	-2.508	5.9297			
HOL TEAT LENGTH	ESP TEAT LENGTH	1.100	4.5536			
HOL REAR ATTACHMENT HEIGHT	ESP REAR UDDER HEIGHT	-4.667	5.6668			
HOL REAR TEAT PLACEMENT	ESP REAR TEAT PLACEMENT	-2.741	6.2237			
HOL ANGULARITY	ESP ANGULARITY	-4.731	7.2717			
HOL BODY CONDITION SCORE	ESP BODY CONDITION SCORE	102.628	5.4461			

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
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	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	EST OVERALL CONFORMATION	-53.831	0.4541	0.59
HOL FEET AND LEGS	EST OVERALL FEET & LEG	-32.905	0.2861	
HOL MAMMARY SYSTEM	EST OVERALL UDDER SCORE	-50.345	0.4301	
HOL STATURE	EST STATURE	-54.180	0.4756	
HOL CHEST WIDTH	EST CHEST WIDTH	-36.261	0.3544	
HOL BODY DEPTH	EST BODY DEPTH	-35.785	0.3434	
HOL PIN WIDTH	EST RUMP WIDTH	-45.849	0.4178	
HOL RUMP ANGLE	EST RUMP ANGLE	-38.707	0.3981	
HOL FOOT ANGLE	EST FOOT ANGLE	-34.196	0.3095	
HOL REAR LEGS SIDE VIEW	EST REAR LEG SET	-36.996	0.3665	
HOL REAR LEG REAR VIEW	EST REAR LEG REAR VIEW	-31.392	0.2913	
HOL UDDER DEPTH	EST UDDER DEPTH	-48.385	0.4327	
HOL MEDIAN SUSPENSORY	EST MEDIAN SUSPENSORY	-38.549	0.3316	
HOL FORE ATTACHMENT	EST FORE UDDER	-42.272	0.3629	
HOL FRONT TEAT PLACEMENT	EST FRONT TEAT PLACEMENT	-47.676	0.4423	
HOL TEAT LENGTH	EST TEAT LENGTH	-33.485	0.3440	
HOL REAR ATTACHMENT HEIGHT	EST REAR UDDER HEIGHT	-46.664	0.4066	
HOL REAR TEAT PLACEMENT	EST REAR TEAT PLACEMENT	-46.943	0.4340	
HOL ANGULARITY	EST ANGULARITY	-36.490	0.3034	
HOL BODY CONDITION SCORE	EST BODY CONDITION SCORE	62.463	0.3953	

 -
 Conversion Factors For Type. Source = INTERBULL MACE 1912
 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	-2.748	5.2229
HOL CHEST WIDTH	FRA CHEST DEPTH	0.730	4.7564
HOL BODY DEPTH	FRA BODY DEPTH	-0.252	3.3587
HOL PIN WIDTH	FRA RUMP WIDTH	-1.351	5.1419
HOL RUMP ANGLE	FRA RUMP ANGLE	1.857	5.4137
HOL FOOT ANGLE	FRA HEEL DEPTH	-1.457	5.1429
HOL REAR LEGS SIDE VIEW	FRA REAR LEG SET	-0.168	5.0074
HOL REAR LEG REAR VIEW	FRA REAR LEG REAR VIEW	-1.655	5.0355
HOL UDDER DEPTH	FRA UDDER DEPTH	-2.601	4.5109
HOL MEDIAN SUSPENSORY	FRA MEDIAN SUSPENSORY	-3.039	4.2762
HOL FORE ATTACHMENT	FRA FORE UDDER	-3.812	5.0484
HOL FRONT TEAT PLACEMENT	FRA FRONT TEAT PLACEMENT	-1.494	5.2685
HOL TEAT LENGTH	FRA TEAT LENGTH	1.476	4.9516
HOL REAR ATTACHMENT HEIGHT	FRA REAR UDDER HEIGHT	-3.775	4.4865

HOL REAR TEAT PLACEMENT	FRA REAR TEAT PLACEMENT	-1.674	5.5511
HOL ANGULARITY	FRA ANGULARITY	-3.749	5.9339
HOL BODY CONDITION SCORE	FRA BODY CONDITION SCORE	102.726	5.8169

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
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	-4.506	5.2156
HOL STATURE	GBR STATURE	-3.702	4.7360
HOL CHEST WIDTH	GBR CHEST WIDTH	-1.040	4.4083
HOL BODY DEPTH	GBR BODY DEPTH	-0.064	3.9057
HOL PIN WIDTH	GBR RUMP WIDTH	-1.993	4.8343
HOL RUMP ANGLE	GBR RUMP ANGLE	0.177	4.5885
HOL FOOT ANGLE	GBR FOOT ANGLE	-1.728	4.0982
HOL REAR LEGS SIDE VIEW	GBR REAR LEG SET	-0.034	4.1212
HOL REAR LEG REAR VIEW	GBR REAR LEG REAR VIEW	-1.658	3.3164
HOL UDDER DEPTH	GBR UDDER DEPTH	-2.787	4.6191
HOL MEDIAN SUSPENSORY	GBR MEDIAN SUSPENSORY	-3.129	4.3917
HOL FORE ATTACHMENT	GBR FORE UDDER	-3.061	4.6954
HOL TEAT PLACEMENT	GBR FRONT TEAT PLACEMENT	-1.786	4.8658
HOL TEAT LENGTH	GBR TEAT LENGTH	0.502	3.9425
HOL REAR ATTACHMENT HEIGHT	GBR REAR UDDER HEIGHT	-3.756	3.9124
HOL REAR TEAT PLACEMENT	GBR REAR TEAT PLACEMENT	-1.750	4.6014
HOL ANGULARITY	GBR ANGULARITY	-3.330	5.9657
HOL BODY CONDITION SCORE	GBR BODY CONDITION SCORE	100.990	4.9794

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
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	-6.476	4.6917	0.64
------------------	--------------------------	--------	--------	------

HOL FEET AND LEGS	HUN OVERALL FEET & LEG	-2.939	3.5558
HOL MAMMARY SYSTEM	HUN OVERALL UDDER SCORE	-4.858	4.2880
HOL STATURE	HUN STATURE	-6.721	5.8071
HOL CHEST WIDTH	HUN CHEST WIDTH	-1.353	5.0259
HOL BODY DEPTH	HUN BODY DEPTH	-1.296	4.2504
HOL PIN WIDTH	HUN RUMP WIDTH	-3.596	5.3453
HOL RUMP ANGLE	HUN RUMP ANGLE	0.175	5.7410
HOL FOOT ANGLE	HUN FOOT ANGLE	-1.858	5.0467
HOL REAR LEGS SIDE VIEW	HUN REAR LEG SET	-1.240	5.4259
HOL REAR LEG REAR VIEW	HUN REAR LEG REAR VIEW	-1.552	4.6873
HOL UDDER DEPTH	HUN UDDER DEPTH	-3.871	4.9819
HOL MEDIAN SUSPENSORY	HUN MEDIAN SUSPENSORY	-3.046	4.7665
HOL FORE ATTACHMENT	HUN FORE UDDER	-3.730	4.7399
HOL FRONT TEAT PLACEMENT	HUN FRONT TEAT PLACEMENT	-2.005	5.8150
HOL TEAT LENGTH	HUN TEAT LENGTH	1.600	4.4433
HOL REAR ATTACHMENT HEIGHT	HUN REAR UDDER HEIGHT	-5.701	5.0393
HOL REAR TEAT PLACEMENT	HUN REAR TEAT PLACEMENT	-1.760	5.4033
HOL ANGULARITY	HUN ANGULARITY	-5.406	4.8545
HOL BODY CONDITION SCORE	HUN BODY CONDITION SCORE	102.702	5.5623

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
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	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	IRL CONFORMATION	-12.923	5.3584	0.49		
HOL FEET AND LEGS	IRL OVERALL FEET & LEG	-5.929	3.7144			
HOL MAMMARY SYSTEM	IRL OVERALL UDDER SCORE	-10.274	4.6207			
HOL STATURE	IRL STATURE	-10.637	6.9620			
HOL CHEST WIDTH	IRL CHEST WIDTH	-1.257	3.6554			
HOL BODY DEPTH	IRL BODY DEPTH	-1.356	3.7839			
HOL PIN WIDTH	IRL RUMP WIDTH	-5.654	2.8214			
HOL RUMP ANGLE	IRL RUMP ANGLE	-0.095	3.2979			
HOL FOOT ANGLE	IRL FOOT ANGLE	-5.187	3.3468			
HOL REAR LEGS SIDE VIEW	IRL REAR LEG SET	-0.438	2.9325			
HOL REAR LEG REAR VIEW	IRL REAR LEG REAR VIEW	-3.748	2.5904			
HOL UDDER DEPTH	IRL UDDER DEPTH	-6.506	3.8489			
HOL MEDIAN SUSPENSORY	IRL MEDIAN SUSPENSORY	-8.146	4.2796			
HOL FORE ATTACHMENT	IRL FORE UDDER	-7.067	3.8164			
HOL TEAT PLACEMENT	IRL FRONT TEAT PLACEMENT	-5.695	4.3630			
HOL TEAT LENGTH	IRL TEAT LENGTH	0.997	2.9698			
HOL REAR ATTACHMENT HEIGHT	IRL REAR UDDER HEIGHT	-8.182	3.9516			
HOL REAR TEAT PLACEMENT	IRL REAR TEAT PLACEMENT	-5.111	4.2555			
HOL ANGULARITY	IRL ANGULARITY	-11.713	8.1835			
HOL BODY CONDITION SCORE	IRL BODY CONDITION SCORE	106.186	5.4891			

-

Conversion Factors For Type. Source = INTERBULL MACE 1912
 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		-4.738	5.7973	0.64
HOL FEET AND LEGS		ITA OVERALL FEET & LEG		-1.891	2.6384	
HOL MAMMARY SYSTEM		ITA OVERALL UDDER SCORE		-4.285	4.5158	
HOL STATURE		ITA STATURE		-4.197	4.4905	
HOL CHEST WIDTH		ITA STRENGTH		-0.737	3.6046	
HOL BODY DEPTH		ITA BODY DEPTH		-0.813	3.0382	
HOL PIN WIDTH		ITA RUMP WIDTH		-2.359	3.8059	
HOL RUMP ANGLE		ITA RUMP ANGLE		0.527	3.8486	
HOL FOOT ANGLE		ITA FOOT ANGLE		-1.924	3.2369	
HOL REAR LEGS SIDE VIEW		ITA REAR LEG SET		-0.528	3.7215	
HOL REAR LEG REAR VIEW		ITA REAR LEG REAR VIEW		-1.601	2.7501	
HOL UDDER DEPTH		ITA UDDER DEPTH		-3.303	3.6097	
HOL MEDIAN SUSPENSORY		ITA MEDIAN SUSPENSORY		-2.371	3.1623	
HOL FORE ATTACHMENT		ITA FORE UDDER		-3.728	3.4684	
HOL FRONT TEAT PLACEMENT		ITA FRONT TEAT PLACEMENT		-1.838	4.1432	
HOL TEAT LENGTH		ITA TEAT LENGTH		0.553	3.3353	
HOL REAR ATTACHMENT HEIGHT		ITA REAR UDDER HEIGHT		-3.816	3.1738	
HOL REAR TEAT PLACEMENT		ITA REAR TEAT PLACEMENT		-1.350	3.8252	
HOL ANGULARITY		ITA ANGULARITY		-4.191	4.3878	
HOL BODY CONDITION SCORE		ITA BODY CONDITION SCORE		17.039	0.8556	

-

Conversion Factors For Type. Source = INTERBULL MACE 1912
 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		-5.475	8.6869	0.74
HOL FEET AND LEGS		JPN OVERALL FEET & LEG		-3.325	8.8163	
HOL MAMMARY SYSTEM		JPN OVERALL UDDER SCORE		-5.105	6.9463	
HOL STATURE		JPN STATURE		-4.557	4.3793	

HOL CHEST WIDTH	JPN CHEST WIDTH	-1.207	3.1573
HOL BODY DEPTH	JPN BODY DEPTH	-1.062	2.8460
HOL PIN WIDTH	JPN RUMP WIDTH	-2.802	4.1444
HOL RUMP ANGLE	JPN RUMP ANGLE	0.472	4.0831
HOL FOOT ANGLE	JPN FOOT ANGLE	-1.301	2.3585
HOL REAR LEGS SIDE VIEW	JPN REAR LEG SET	-0.081	3.4089
HOL REAR LEG REAR VIEW	JPN REAR LEG REAR VIEW	-1.450	2.9276
HOL UDDER DEPTH	JPN UDDER DEPTH	-4.321	3.8629
HOL MEDIAN SUSPENSORY	JPN MEDIAN SUSPENSORY	-2.173	2.5022
HOL FORE ATTACHMENT	JPN FORE UDDER	-3.991	3.6188
HOL FRONT TEAT PLACEMENT	JPN FRONT TEAT PLACEMENT	-1.895	3.9332
HOL TEAT LENGTH	JPN TEAT LENGTH	0.822	3.5954
HOL REAR ATTACHMENT HEIGHT	JPN REAR UDDER HEIGHT	-4.447	3.5421
HOL REAR TEAT PLACEMENT	JPN REAR TEAT PLACEMENT	-1.376	3.8917
HOL ANGULARITY	JPN ANGULARITY	-3.575	3.7157
HOL BODY CONDITION SCORE	JPN BODY CONDITION SCORE	101.176	3.2894

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=KOR

	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	KOR CONFORMATION	-9.120	0.6123	0.53		
HOL STATURE	KOR STATURE	-6.940	1.2226			
HOL CHEST WIDTH	KOR CHEST WIDTH	0.874	1.6285			
HOL BODY DEPTH	KOR BODY DEPTH	0.314	1.1911			
HOL PIN WIDTH	KOR RUMP WIDTH	-3.071	1.4317			
HOL RUMP ANGLE	KOR RUMP ANGLE	0.043	1.0910			
HOL FOOT ANGLE	KOR FOOT ANGLE	-3.522	3.1945			
HOL REAR LEGS SIDE VIEW	KOR REAR LEG SET	0.860	2.3429			
HOL REAR LEG REAR VIEW	KOR REAR LEG REAR VIEW	-2.103	2.4692			
HOL UDDER DEPTH	KOR UDDER DEPTH	-7.586	0.8885			
HOL MEDIAN SUSPENSORY	KOR MEDIAN SUSPENSORY	-5.153	1.6918			
HOL FORE ATTACHMENT	KOR FORE UDDER	-4.975	1.1978			
HOL TEAT PLACEMENT	KOR FRONT TEAT PLACEMENT	-5.459	1.6398			
HOL TEAT LENGTH	KOR TEAT LENGTH	1.902	1.0792			
HOL REAR ATTACHMENT HEIGHT	KOR REAR UDDER HEIGHT	-6.586	1.3110			
HOL REAR TEAT PLACEMENT	KOR REAR TEAT PLACEMENT	-3.359	2.4426			
HOL ANGULARITY	KOR ANGULARITY	-5.550	2.1696			
HOL BODY CONDITION SCORE	KOR BODY CONDITION SCORE	102.964	2.0446			

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=NLD

	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		NLD OVERALL CONFORMATION		-153.895	1.4453	0.59
HOL FEET AND LEGS		NLD OVERALL FEET & LEG		-83.718	0.8119	
HOL MAMMARY SYSTEM		NLD OVERALL UDDER SCORE		-112.428	1.0460	
HOL STATURE		NLD STATURE		-125.053	1.1780	
HOL CHEST WIDTH		NLD CHEST WIDTH		-128.177	1.2822	
HOL BODY DEPTH		NLD BODY DEPTH		-84.629	0.8274	
HOL PIN WIDTH		NLD PIN WIDTH		-122.921	1.1928	
HOL RUMP ANGLE		NLD RUMP ANGLE		-112.799	1.1568	
HOL FOOT ANGLE		NLD CLAW DIAGONAL		-101.223	0.9882	
HOL REAR LEGS SIDE VIEW		NLD REAR LEG SET		-108.429	1.0690	
HOL REAR LEG REAR VIEW		NLD REAR LEG REAR VIEW		-125.772	1.2456	
HOL UDDER DEPTH		NLD UDDER DEPTH		-108.949	1.0372	
HOL MEDIAN SUSPENSORY		NLD MEDIAN SUSPENSORY		-113.129	1.0693	
HOL FORE ATTACHMENT		NLD FORE UDDER		-109.113	1.0329	
HOL FRONT TEAT PLACEMENT		NLD FRONT TEAT PLACEMENT		-125.942	1.2289	
HOL TEAT LENGTH		NLD TEAT LENGTH		-99.576	1.0034	
HOL REAR ATTACHMENT HEIGHT		NLD REAR UDDER HEIGHT		-92.929	0.8651	
HOL REAR TEAT PLACEMENT		NLD REAR TEAT PLACEMENT		-125.180	1.2182	
HOL ANGULARITY		NLD ANGULARITY		-121.596	1.1255	
HOL BODY CONDITION SCORE		NLD BODY CONDITION SCORE		-15.547	1.2044	

 -
 Conversion Factors For Type. Source = INTERBULL MACE 1912
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=NZL

	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		NZL OVERALL CONFORMATION		-22.426	13.1128	0.40
HOL MAMMARY SYSTEM		NZL OVERALL UDDER SCORE		-17.922	11.2176	
HOL STATURE		NZL STATURE		-29.381	11.0663	
HOL CHEST WIDTH		NZL CHEST WIDTH		-3.487	12.0137	
HOL BODY DEPTH		NZL BODY DEPTH		-4.016	10.1280	
HOL PIN WIDTH		NZL RUMP WIDTH		-15.286	17.0104	
HOL RUMP ANGLE		NZL RUMP ANGLE		-0.280	16.1416	
HOL REAR LEGS SIDE VIEW		NZL REAR LEG SET		4.483	26.0295	
HOL MEDIAN SUSPENSORY		NZL MEDIAN SUSPENSORY		-15.543	9.8777	

HOL FORE ATTACHMENT	NZL FORE UDDER	-12.336	11.7662
HOL FRONT TEAT PLACEMENT	NZL FRONT TEAT PLACEMENT	-10.851	18.6200
HOL REAR ATTACHMENT HEIGHT	NZL REAR UDDER HEIGHT	-14.386	11.2482
HOL REAR TEAT PLACEMENT	NZL REAR TEAT PLACEMENT	-12.047	12.4705

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
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	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		POL OVERALL CONFORMATION		-85.251	0.7407	0.55
HOL FEET AND LEGS		POL OVERALL FEET & LEG		-51.895	0.4601	
HOL MAMMARY SYSTEM		POL OVERALL UDDER SCORE		-77.470	0.6717	
HOL STATURE		POL STATURE		-83.519	0.7389	
HOL CHEST WIDTH		POL CHEST WIDTH		-46.661	0.4557	
HOL BODY DEPTH		POL BODY DEPTH		-40.654	0.3905	
HOL PIN WIDTH		POL RUMP WIDTH		-56.449	0.5187	
HOL RUMP ANGLE		POL RUMP ANGLE		-48.266	0.4868	
HOL FOOT ANGLE		POL FOOT ANGLE		-48.625	0.4443	
HOL REAR LEGS SIDE VIEW		POL REAR LEG SET		-44.421	0.4430	
HOL REAR LEG REAR VIEW		POL REAR LEG REAR VIEW		-46.031	0.4340	
HOL UDDER DEPTH		POL UDDER DEPTH		-62.506	0.5586	
HOL MEDIAN SUSPENSORY		POL MEDIAN SUSPENSORY		-58.624	0.5192	
HOL FORE ATTACHMENT		POL FORE UDDER		-58.625	0.5144	
HOL FRONT TEAT PLACEMENT		POL FRONT TEAT PLACEMENT		-66.839	0.6157	
HOL TEAT LENGTH		POL TEAT LENGTH		-41.200	0.4261	
HOL REAR ATTACHMENT HEIGHT		POL REAR UDDER HEIGHT		-69.491	0.6092	
HOL REAR TEAT PLACEMENT		POL REAR TEAT PLACEMENT		-57.065	0.5394	
HOL ANGULARITY		POL ANGULARITY		-89.749	0.7900	

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
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	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	PRT CONFORMATION	-7.311	17.9197	0.56
HOL FEET AND LEGS	PRT OVERALL FEET & LEG	-3.180	21.5492	
HOL MAMMARY SYSTEM	PRT OVERALL UDDER SCORE	-6.189	10.8707	
HOL STATURE	PRT STATURE	-8.079	4.0727	
HOL CHEST WIDTH	PRT CHEST WIDTH	-0.929	2.6207	
HOL BODY DEPTH	PRT BODY DEPTH	-0.937	2.2789	
HOL PIN WIDTH	PRT RUMP WIDTH	-4.382	3.1852	
HOL RUMP ANGLE	PRT RUMP ANGLE	1.252	3.1641	
HOL FOOT ANGLE	PRT FOOT ANGLE	-3.650	2.0788	
HOL REAR LEGS SIDE VIEW	PRT REAR LEG SET	-0.960	2.2629	
HOL REAR LEG REAR VIEW	PRT REAR LEG REAR VIEW	-2.191	2.0498	
HOL UDDER DEPTH	PRT UDDER DEPTH	-5.698	2.9097	
HOL MEDIAN SUSPENSORY	PRT MEDIAN SUSPENSORY	-5.581	2.7190	
HOL FORE ATTACHMENT	PRT FORE UDDER	-6.550	2.4719	
HOL TEAT PLACEMENT	PRT FRONT TEAT PLACEMENT	-4.724	3.4634	
HOL TEAT LENGTH	PRT TEAT LENGTH	1.050	2.4799	
HOL REAR ATTACHMENT HEIGHT	PRT REAR UDDER HEIGHT	-8.129	3.2586	
HOL REAR TEAT PLACEMENT	PRT REAR TEAT PLACEMENT	-4.075	3.3737	
HOL ANGULARITY	PRT ANGULARITY	-9.246	4.2090	
HOL BODY CONDITION SCORE	PRT BODY CONDITION SCORE	103.753	2.5112	

-
Conversion Factors For Type. Source = INTERBULL MACE 1912
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=SVN

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	v	v	c
r	t	n	t	a	a	r
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	SVN CONFORMATION	-41.601	0.2889	0.58		
HOL FEET AND LEGS	SVN OVERALL FEET & LEG	-24.594	0.1838			
HOL MAMMARY SYSTEM	SVN OVERALL UDDER SCORE	-38.079	0.2663			
HOL STATURE	SVN STATURE	-48.471	0.3634			
HOL CHEST WIDTH	SVN CHEST WIDTH	-26.616	0.2500			
HOL BODY DEPTH	SVN BODY DEPTH	-25.932	0.2276			
HOL PIN WIDTH	SVN RUMP WIDTH	-30.102	0.2520			
HOL RUMP ANGLE	SVN RUMP ANGLE	-31.132	0.3169			
HOL FOOT ANGLE	SVN FOOT ANGLE	-25.356	0.2145			
HOL REAR LEGS SIDE VIEW	SVN REAR LEG SET	-25.887	0.2563			
HOL REAR LEG REAR VIEW	SVN REAR LEG REAR VIEW	-24.416	0.2130			
HOL UDDER DEPTH	SVN UDDER DEPTH	-38.897	0.3149			
HOL MEDIAN SUSPENSORY	SVN MEDIAN SUSPENSORY	-32.934	0.2480			
HOL FORE ATTACHMENT	SVN FORE UDDER	-31.579	0.2304			
HOL TEAT PLACEMENT	SVN FRONT TEAT PLACEMENT	-41.374	0.3396			
HOL TEAT LENGTH	SVN TEAT LENGTH	-25.137	0.2705			
HOL REAR ATTACHMENT HEIGHT	SVN REAR UDDER HEIGHT	-41.117	0.3104			
HOL REAR TEAT PLACEMENT	SVN REAR TEAT PLACEMENT	-43.903	0.3639			
HOL ANGULARITY	SVN ANGULARITY	-33.928	0.2288			
HOL BODY CONDITION SCORE	SVN BODY CONDITION SCORE	83.671	0.2195			

 -
 Conversion Factors For Type. Source = INTERBULL MACE 1912
 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	a	r	a	l	l	r
e	i	y	i	u	u	r
d	t	2	t	e	e	2
HOL CONFORMATION		USA PTA TYPE (FINAL SCORE)		-4.011	5.0657	0.69
HOL FEET AND LEGS		USA FEET & LEGS SCORE		-2.253	3.7873	
HOL MAMMARY SYSTEM		USA UDDER COMPOSITE		-2.926	4.4044	
HOL STATURE		USA STATURE		-3.719	4.3840	
HOL CHEST WIDTH		USA STRENGTH		-0.477	4.2705	
HOL BODY DEPTH		USA BODY DEPTH		-1.061	3.2643	
HOL PIN WIDTH		USA THURL WIDTH		-1.797	4.1142	
HOL RUMP ANGLE		USA RUMP ANGLE		-0.387	4.0633	
HOL FOOT ANGLE		USA FOOT ANGLE		-2.034	3.8005	
HOL REAR LEGS SIDE VIEW		USA REAR LEGS - SIDE VIEW		0.055	3.7755	
HOL REAR LEG REAR VIEW		USA REAR LEGS - REAR VIEW		-1.163	3.3437	
HOL UDDER DEPTH		USA UDDER DEPTH		-2.182	3.5887	
HOL MEDIAN SUSPENSORY		USA UDDER CLEFT		-2.300	3.2862	
HOL FORE ATTACHMENT		USA FORE ATTACHMENT		-2.512	3.5043	
HOL FRONT TEAT PLACEMENT		USA FRONT TEAT PLACEMENT		-1.013	3.9847	
HOL TEAT LENGTH		USA TEAT LENGTH		0.417	3.6778	
HOL REAR ATTACHMENT HEIGHT		USA REAR UDDER HEIGHT		-3.328	2.9803	
HOL REAR TEAT PLACEMENT		USA REAR TEAT PLACEMENT		-1.623	3.5807	
HOL ANGULARITY		USA DAIRY FORM		-3.991	4.5368	
HOL BODY CONDITION SCORE		USA BODY CONDITION SCORE		102.205	-3.4161	

 -
 Conversion Factors For Type. Source = INTERBULL MACE 1912
 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	a	r	a	l	l	r
e	i	y	i	u	u	r
d	t	2	t	e	e	2
HOL STATURE		ZAF STATURE		-5.876	6.9876	
HOL CHEST WIDTH		ZAF CHEST WIDTH		-0.466	6.6686	

HOL BODY DEPTH	ZAF BODY DEPTH	-0.960	5.4844
HOL PIN WIDTH	ZAF RUMP WIDTH	-2.380	5.5905
HOL RUMP ANGLE	ZAF RUMP ANGLE	0.764	6.3834
HOL FOOT ANGLE	ZAF FOOT ANGLE	-2.670	6.0379
HOL REAR LEGS SIDE VIEW	ZAF REAR LEG SET	0.020	5.9209
HOL REAR LEG REAR VIEW	ZAF REAR LEG REAR VIEW	-1.450	5.1050
HOL UDDER DEPTH	ZAF UDDER DEPTH	-3.291	5.6416
HOL MEDIAN SUSPENSORY	ZAF MEDIAN SUSPENSORY	-3.054	4.4571
HOL FORE ATTACHMENT	ZAF FORE UDDER	-3.086	5.5641
HOL TEAT PLACEMENT	ZAF FRONT TEAT PLACEMENT	-1.174	6.8387
HOL TEAT LENGTH	ZAF TEAT LENGTH	0.546	5.5983
HOL REAR ATTACHMENT HEIGHT	ZAF REAR UDDER HEIGHT	-4.588	5.2067
HOL REAR TEAT PLACEMENT	ZAF REAR TEAT PLACEMENT	-1.394	9.3317
HOL ANGULARITY	ZAF ANGULARITY	-5.350	6.2998

CALCULATION OF FAT% AND PROTEIN% FOR DECEMBER 2019

BREED	BMILK	BFAT	BPRT
-----	-----	-----	-----
AYS	7815	325	264
BSW	8623	365	304
CN	6050	262	214
GUE	6678	309	230
JER	6768	345	260
HOL	10402	408	336
MS	6633	264	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

$$\begin{aligned}
 EBVFAT\% &= 200 * [(408+50*.5) / (10402+1000*.5) - (408/ 1E4)] \\
 &= 200 * [(408+25) / (10402+500) - (0.03922)] \\
 &= 200 * [0.03972 - 0.03922] \\
 &= 200 * 0.00049 \\
 &= 0.10
 \end{aligned}$$

$$\begin{aligned}
 EBVPROT\% &= 200 * [(336+40*.5) / (10402+1000*.5) - (336/ 1E4)] \\
 &= 200 * [(336+20) / (10402+500) - (0.03230)] \\
 &= 200 * [0.03265 - 0.03230] \\
 &= 200 * 0.00035 \\
 &= 0.07
 \end{aligned}$$