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 Conversion Factors For Production Traits. Source: INTERBULL 2104  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = PCORR2\*Foreign Reliability

breed	country2	amilk	bmilk	afat	bfat	aprot	bprot	pcorr2
HOL	AUS	-717.30	1.5460	-18.400	1.7000	-15.700	1.5060	0.4489
HOL	BEL	-625.13	1.3534	-21.380	1.3113	-10.170	1.2122	0.6400
HOL	CHE	-1014.60	1.2450	-22.000	1.1850	-21.700	1.1880	0.7056
HOL	CZE	34.30	1.0650	-1.800	1.3660	7.200	1.2600	0.6241
HOL	DEU	139.40	1.1640	5.200	1.1910	11.600	1.1710	0.8281
HOL	DFS	-6694.90	68.0310	-262.800	2.7690	-183.900	2.0430	0.8281
HOL	ESP	-235.00	1.4170	-21.800	1.4220	-11.300	1.4260	0.8281
HOL	EST	-276.40	1.3530	-3.100	1.3630	-0.500	1.2900	0.6889
HOL	FRA	169.10	1.1370	0.600	1.1190	13.900	1.1340	0.7396
HOL	GBR	-311.40	2.3960	-4.600	2.5870	-4.100	2.6120	0.7225
HOL	HRV	-5615.48	51.5867	-216.031	2.0101	-152.974	1.4693	0.5476
HOL	HUN	200.40	0.8870	0.600	0.8950	7.100	0.7970	0.6561
HOL	IRL	-1681.90	4.0620	-44.400	3.7880	-38.300	3.4320	0.5625
HOL	ISR	71.30	1.7220	19.200	1.6790	14.300	1.8140	0.6561
HOL	ITA	23.80	1.1490	-5.000	1.1380	2.200	1.0690	0.7396
HOL	JPN	322.70	1.2420	-1.500	1.2480	6.900	1.2730	0.8281
HOL	KOR	-252.40	1.4550	-22.900	1.5350	-15.300	1.5310	0.6889
HOL	LTU	-2118.60	1.6700	-52.600	1.2680	-55.500	1.6080	0.5476
HOL	LVA	-367.90	1.5170	-10.400	1.3500	-4.100	1.5330	0.5929
HOL	NLD	-65.70	1.0560	8.800	1.0590	16.300	1.0410	0.7569
HOL	NZL	-2585.40	1.8070	-36.800	1.5770	-50.100	1.5140	0.3136
HOL	POL	-164.70	1.6980	-5.300	1.6830	1.900	1.7700	0.7225
HOL	PRT	71.90	1.2140	-9.200	1.3560	0.300	1.2280	0.5776
HOL	SVK	-368.83	1.6619	-12.553	1.6343	-7.229	1.6542	0.6241
HOL	SVN	-7204.40	64.7700	-290.100	2.6120	-215.800	1.9660	0.6084
HOL	URY	-398.70	3.6249	-13.473	3.6373	-4.506	3.1754	0.5476
HOL	USA	305.70	1.0460	8.000	1.1130	10.600	1.1700	0.8100
HOL	ZAF	-211.12	1.2335	-8.362	1.2630	-3.564	1.1934	0.6241

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 Conversion Factors For SCS Traits. Source: INTERBULL 2104  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = SCORR2\*Foreign Reliability

breed	country2	a	b	scorr2
HOL	AUS	95.300	-17.7360	0.6889
HOL	BEL	129.000	-9.9985	0.8281
HOL	CHE	55.400	0.4400	0.7921
HOL	CZE	66.500	0.3250	0.7744
HOL	DEU	60.100	0.4010	0.8836
HOL	DFS	57.000	0.4480	0.8649
HOL	ESP	51.100	0.4650	0.8649
HOL	EST	74.300	0.2500	0.7744
HOL	FRA	99.800	4.5270	0.8836
HOL	GBR	99.300	-0.3940	0.8836
HOL	HRV	57.034	0.4072	0.7056
HOL	HUN	100.000	-3.5370	0.7744

HOL	IRL	97.300	-40.1930	0.5476
HOL	ISR	99.900	-19.6250	0.7225
HOL	ITA	11.800	0.8760	0.8100
HOL	JPN	121.000	-11.6360	0.7569
HOL	KOR	99.456	-14.3904	0.7744
HOL	LTU	97.900	-12.8850	0.7225
HOL	LVA	95.800	-10.5860	0.7744
HOL	NLD	-4.100	1.0400	0.8281
HOL	NZL	96.300	-12.1170	0.6400
HOL	POL	53.200	0.4600	0.8100
HOL	PRT	99.100	-11.2460	0.6889
HOL	SVK	133.654	-12.0699	0.7569
HOL	SVN	48.400	0.4820	0.7225
HOL	URY	97.886	-23.9548	0.7056
HOL	USA	177.400	-25.8400	0.8836
HOL	ZAF	99.445	-0.1954	0.8100

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=AUS

	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	AUS GENERAL APPEARANCE	-8.688	3.5896	0.35		
HOL FEET AND LEGS	AUS OVERALL FEET & LEG	-6.040	4.3588			
HOL MAMMARY SYSTEM	AUS OVERALL UDDER SCORE	-8.317	3.5958			
HOL STATURE	AUS STATURE	-7.242	7.7220			
HOL CHEST WIDTH	AUS CHEST WIDTH	1.149	9.6377			
HOL BODY DEPTH	AUS BODY DEPTH	2.243	8.2653			
HOL PIN WIDTH	AUS PIN WIDTH	-2.503	9.6377			
HOL RUMP ANGLE	AUS RUMP ANGLE	1.144	8.8468			
HOL FOOT ANGLE	AUS FOOT ANGLE	-4.840	13.9331			
HOL REAR LEGS SIDE VIEW	AUS REAR LEG SET	0.317	13.9397			
HOL REAR LEG REAR VIEW	AUS REAR LEG REAR VIEW	-3.194	14.1585			
HOL UDDER DEPTH	AUS UDDER DEPTH	-6.443	7.8028			
HOL MEDIAN SUSPENSORY	AUS MEDIAN SUSPENSORY	-5.736	13.8037			
HOL FORE ATTACHMENT	AUS FORE UDDER	-5.412	10.6984			
HOL FRONT TEAT PLACEMENT	AUS FRONT TEAT PLACEMENT	-2.964	9.2740			
HOL TEAT LENGTH	AUS TEAT LENGTH	1.758	6.6679			
HOL REAR ATTACHMENT HEIGHT	AUS REAR UDDER HEIGHT	-6.875	10.2033			
HOL REAR TEAT PLACEMENT	AUS REAR TEAT PLACEMENT	-2.980	12.3536			
HOL ANGULARITY	AUS ANGULARITY	-6.001	8.4248			

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
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	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		-4.855	3.3193	0.53
HOL FEET AND LEGS		BEL OVERALL FEET & LEG		-2.278	2.6076	
HOL MAMMARY SYSTEM		BEL OVERALL UDDER SCORE		-4.317	3.1950	
HOL STATURE		BEL STATURE		-2.895	4.7021	
HOL CHEST WIDTH		BEL CHEST WIDTH		0.235	3.1929	
HOL BODY DEPTH		BEL BODY DEPTH		0.632	3.0095	
HOL PIN WIDTH		BEL RUMP WIDTH		-1.286	3.7319	
HOL RUMP ANGLE		BEL RUMP ANGLE		1.214	3.9947	
HOL FOOT ANGLE		BEL FOOT ANGLE		-1.751	2.9040	
HOL REAR LEGS SIDE VIEW		BEL REAR LEG SET		-0.541	3.2327	
HOL REAR LEG REAR VIEW		BEL REAR LEG REAR VIEW		-0.982	3.1949	
HOL UDDER DEPTH		BEL UDDER DEPTH		-2.454	3.7273	
HOL MEDIAN SUSPENSORY		BEL MEDIAN SUSPENSORY		-3.427	2.8492	
HOL FORE ATTACHMENT		BEL FORE UDDER		-3.404	2.7708	
HOL TEAT PLACEMENT		BEL FRONT TEAT PLACEMENT		-2.569	3.9751	
HOL TEAT LENGTH		BEL TEAT LENGTH		1.244	3.3927	
HOL REAR ATTACHMENT HEIGHT		BEL REAR UDDER HEIGHT		-3.550	3.9440	
HOL REAR TEAT PLACEMENT		BEL REAR TEAT PLACEMENT		-2.604	4.1276	
HOL ANGULARITY		BEL ANGULARITY		-3.867	4.2761	
HOL BODY CONDITION SCORE		BEL BODY CONDITION SCORE		103.243	4.5952	

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
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	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		-54.076	0.4946	0.85
HOL FEET AND LEGS		CHE OVERALL FEET & LEG		-56.141	0.5330	
HOL MAMMARY SYSTEM		CHE OVERALL UDDER SCORE		-50.123	0.4539	
HOL STATURE		CHE STATURE		-52.891	0.4872	
HOL CHEST WIDTH		CHE CHEST WIDTH		-46.074	0.4651	
HOL BODY DEPTH		CHE BODY DEPTH		-43.264	0.4312	
HOL PIN WIDTH		CHE RUMP WIDTH		-49.057	0.4760	
HOL RUMP ANGLE		CHE RUMP ANGLE		-49.335	0.5034	

HOL FOOT ANGLE	CHE FOOT ANGLE	-53.311	0.5145
HOL REAR LEGS SIDE VIEW	CHE REAR LEG SET	-47.620	0.4832
HOL REAR LEG REAR VIEW	CHE REAR LEG REAR VIEW	-41.843	0.4025
HOL UDDER DEPTH	CHE UDDER DEPTH	-42.230	0.4075
HOL MEDIAN SUSPENSORY	CHE MEDIAN SUSPENSORY	-50.781	0.4622
HOL FORE ATTACHMENT	CHE FORE UDDER	-44.048	0.4181
HOL FRONT TEAT PLACEMENT	CHE FRONT TEAT PLACEMENT	-51.827	0.4937
HOL TEAT LENGTH	CHE TEAT LENGTH	-40.609	0.4047
HOL REAR ATTACHMENT HEIGHT	CHE REAR UDDER HEIGHT	-50.469	0.4737
HOL REAR TEAT PLACEMENT	CHE REAR TEAT PLACEMENT	-52.612	0.4959
HOL ANGULARITY	CHE ANGULARITY	-57.926	0.5191
HOL BODY CONDITION SCORE	CHE BODY CONDITION SCORE	52.516	0.5118

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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	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	-44.003	0.4044	0.67		
HOL FEET AND LEGS	CZE OVERALL FEET & LEG	-34.347	0.3248			
HOL MAMMARY SYSTEM	CZE OVERALL UDDER SCORE	-41.234	0.3840			
HOL STATURE	CZE STATURE	-43.650	0.4081			
HOL CHEST WIDTH	CZE CHEST WIDTH	-40.518	0.4024			
HOL BODY DEPTH	CZE BODY DEPTH	-34.358	0.3310			
HOL PIN WIDTH	CZE RUMP WIDTH	-39.716	0.3734			
HOL RUMP ANGLE	CZE RUMP ANGLE	-39.807	0.3979			
HOL FOOT ANGLE	CZE FOOT ANGLE	-37.682	0.3626			
HOL REAR LEGS SIDE VIEW	CZE REAR LEG SET	-38.132	0.3770			
HOL REAR LEG REAR VIEW	CZE REAR LEG REAR VIEW	-34.512	0.3315			
HOL UDDER DEPTH	CZE UDDER DEPTH	-40.274	0.3867			
HOL MEDIAN SUSPENSORY	CZE MEDIAN SUSPENSORY	-37.440	0.3479			
HOL FORE ATTACHMENT	CZE FORE UDDER	-39.735	0.3667			
HOL FRONT TEAT PLACEMENT	CZE FRONT TEAT PLACEMENT	-44.901	0.4463			
HOL TEAT LENGTH	CZE TEAT LENGTH	-33.891	0.3446			
HOL REAR ATTACHMENT HEIGHT	CZE REAR UDDER HEIGHT	-39.145	0.3557			
HOL REAR TEAT PLACEMENT	CZE REAR TEAT PLACEMENT	-40.915	0.3983			
HOL ANGULARITY	CZE ANGULARITY	-48.043	0.4272			
HOL BODY CONDITION SCORE	CZE BODY CONDITION SCORE	61.137	0.4181			

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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	-47.400	0.4635
HOL MAMMARY SYSTEM	DEU OVERALL UDDER SCORE	-39.432	0.3675
HOL STATURE	DEU STATURE	-43.858	0.4032
HOL CHEST WIDTH	DEU CHEST WIDTH	-47.111	0.4597
HOL BODY DEPTH	DEU BODY DEPTH	-42.722	0.4169
HOL PIN WIDTH	DEU RUMP WIDTH	-51.360	0.4888
HOL RUMP ANGLE	DEU RUMP ANGLE	-47.319	0.4811
HOL FOOT ANGLE	DEU FOOT ANGLE	-48.594	0.4720
HOL REAR LEGS SIDE VIEW	DEU REAR LEG SET	-49.221	0.4876
HOL REAR LEG REAR VIEW	DEU REAR LEG REAR VIEW	-51.525	0.5120
HOL UDDER DEPTH	DEU UDDER DEPTH	-37.768	0.3638
HOL MEDIAN SUSPENSORY	DEU MEDIAN SUSPENSORY	-49.730	0.4669
HOL FORE ATTACHMENT	DEU FORE UDDER	-44.556	0.4246
HOL FRONT TEAT PLACEMENT	DEU FRONT TEAT PLACEMENT	-42.063	0.4057
HOL TEAT LENGTH	DEU TEAT LENGTH	-34.918	0.3647
HOL REAR ATTACHMENT HEIGHT	DEU REAR UDDER HEIGHT	-38.947	0.3660
HOL REAR TEAT PLACEMENT	DEU REAR TEAT PLACEMENT	-42.199	0.3995
HOL ANGULARITY	DEU ANGULARITY	-48.321	0.4415
HOL BODY CONDITION SCORE	DEU BODY CONDITION SCORE	58.364	0.4335

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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	-58.530	0.4679	0.56
HOL FEET AND LEGS	DFS OVERALL FEET & LEG	-46.177	0.4371	
HOL MAMMARY SYSTEM	DFS OVERALL UDDER SCORE	-43.508	0.3872	
HOL STATURE	DFS STATURE	-53.926	0.4792	
HOL CHEST WIDTH	DFS CHEST WIDTH	-51.041	0.4774	
HOL BODY DEPTH	DFS BODY DEPTH	-48.633	0.4392	
HOL PIN WIDTH	DFS RUMP WIDTH	-49.415	0.4454	
HOL RUMP ANGLE	DFS RUMP ANGLE	-50.645	0.5121	
HOL FOOT ANGLE	DFS FOOT ANGLE	-50.889	0.4788	
HOL REAR LEGS SIDE VIEW	DFS REAR LEG SET	-44.193	0.4490	
HOL REAR LEG REAR VIEW	DFS REAR LEG REAR VIEW	-48.295	0.4617	
HOL UDDER DEPTH	DFS UDDER DEPTH	-41.785	0.4169	

HOL MEDIAN SUSPENSORY	DFS MEDIAN SUSPENSORY	-44.945	0.3817
HOL FORE ATTACHMENT	DFS FORE UDDER	-45.930	0.4217
HOL FRONT TEAT PLACEMENT	DFS FRONT TEAT PLACEMENT	-54.417	0.5279
HOL TEAT LENGTH	DFS TEAT LENGTH	-43.692	0.4499
HOL REAR ATTACHMENT HEIGHT	DFS REAR UDDER HEIGHT	-43.994	0.3976
HOL REAR TEAT PLACEMENT	DFS REAR TEAT PLACEMENT	-55.832	0.5198
HOL ANGULARITY	DFS DAIRY FORM	-68.925	0.6038
HOL BODY CONDITION SCORE	DFS BODY CONDITION SCORE	56.480	0.4703

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=ESP

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	v	v	c
r	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	ESP FINAL CLASS	-6.011	6.0588	0.61		
HOL FEET AND LEGS	ESP OVERALL FEET & LEG	-3.779	5.9658			
HOL MAMMARY SYSTEM	ESP OVERALL UDDER SCORE	-6.154	5.2910			
HOL STATURE	ESP STATURE	-5.096	6.1172			
HOL CHEST WIDTH	ESP CHEST WIDTH	-0.426	5.3771			
HOL BODY DEPTH	ESP BODY DEPTH	0.346	4.8105			
HOL PIN WIDTH	ESP PIN WIDTH	-2.008	5.5619			
HOL RUMP ANGLE	ESP RUMP ANGLE	0.433	5.0655			
HOL FOOT ANGLE	ESP FOOT ANGLE	-2.070	5.9461			
HOL REAR LEGS SIDE VIEW	ESP REAR LEG SET	-0.967	4.7433			
HOL REAR LEG REAR VIEW	ESP REAR LEG REAR VIEW	-1.125	5.1924			
HOL UDDER DEPTH	ESP UDDER DEPTH	-5.262	4.6927			
HOL MEDIAN SUSPENSORY	ESP MEDIAN SUSPENSORY	-4.338	5.6759			
HOL FORE ATTACHMENT	ESP FORE UDDER	-5.145	5.4976			
HOL FRONT TEAT PLACEMENT	ESP FRONT TEAT PLACEMENT	-3.123	6.0595			
HOL TEAT LENGTH	ESP TEAT LENGTH	1.505	4.4016			
HOL REAR ATTACHMENT HEIGHT	ESP REAR UDDER HEIGHT	-5.306	5.4153			
HOL REAR TEAT PLACEMENT	ESP REAR TEAT PLACEMENT	-3.426	6.4321			
HOL ANGULARITY	ESP ANGULARITY	-4.915	7.5045			
HOL BODY CONDITION SCORE	ESP BODY CONDITION SCORE	102.245	5.5425			

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=EST

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

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

HOL CONFORMATION	EST OVERALL CONFORMATION	-39.895	0.3046	0.50
HOL FEET AND LEGS	EST OVERALL FEET & LEG	-25.103	0.2102	
HOL MAMMARY SYSTEM	EST OVERALL UDDER SCORE	-40.663	0.3215	
HOL STATURE	EST STATURE	-42.230	0.3478	
HOL CHEST WIDTH	EST CHEST WIDTH	-23.339	0.2260	
HOL BODY DEPTH	EST BODY DEPTH	-27.319	0.2649	
HOL PIN WIDTH	EST RUMP WIDTH	-35.099	0.3113	
HOL RUMP ANGLE	EST RUMP ANGLE	-29.072	0.3006	
HOL FOOT ANGLE	EST FOOT ANGLE	-22.823	0.1944	
HOL REAR LEGS SIDE VIEW	EST REAR LEG SET	-24.624	0.2453	
HOL REAR LEG REAR VIEW	EST REAR LEG REAR VIEW	-22.864	0.2097	
HOL UDDER DEPTH	EST UDDER DEPTH	-39.709	0.3322	
HOL MEDIAN SUSPENSORY	EST MEDIAN SUSPENSORY	-31.160	0.2598	
HOL FORE ATTACHMENT	EST FORE UDDER	-32.543	0.2573	
HOL FRONT TEAT PLACEMENT	EST FRONT TEAT PLACEMENT	-35.006	0.3126	
HOL TEAT LENGTH	EST TEAT LENGTH	-26.307	0.2804	
HOL REAR ATTACHMENT HEIGHT	EST REAR UDDER HEIGHT	-34.031	0.2715	
HOL REAR TEAT PLACEMENT	EST REAR TEAT PLACEMENT	-38.319	0.3455	
HOL ANGULARITY	EST ANGULARITY	-22.857	0.1730	
HOL BODY CONDITION SCORE	EST BODY CONDITION SCORE	70.849	0.3197	

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 Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=FRA

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

HOL STATURE	FRA STATURE	-2.279	5.0802
HOL CHEST WIDTH	FRA CHEST DEPTH	0.970	4.5322
HOL BODY DEPTH	FRA BODY DEPTH	0.512	3.2548
HOL PIN WIDTH	FRA RUMP WIDTH	-0.956	5.0051
HOL RUMP ANGLE	FRA RUMP ANGLE	1.474	5.4219
HOL FOOT ANGLE	FRA HEEL DEPTH	-1.309	5.4810
HOL REAR LEGS SIDE VIEW	FRA REAR LEG SET	0.128	5.0823
HOL REAR LEG REAR VIEW	FRA REAR LEG REAR VIEW	-1.555	5.0426
HOL UDDER DEPTH	FRA UDDER DEPTH	-2.294	4.3428
HOL MEDIAN SUSPENSORY	FRA MEDIAN SUSPENSORY	-2.908	4.3422
HOL FORE ATTACHMENT	FRA FORE UDDER	-3.419	4.8647
HOL FRONT TEAT PLACEMENT	FRA FRONT TEAT PLACEMENT	-1.809	5.3521
HOL TEAT LENGTH	FRA TEAT LENGTH	2.027	4.8367
HOL REAR ATTACHMENT HEIGHT	FRA REAR UDDER HEIGHT	-3.462	4.2792
HOL REAR TEAT PLACEMENT	FRA REAR TEAT PLACEMENT	-1.906	5.7046

HOL ANGULARITY	FRA ANGULARITY	-3.680	6.2218
HOL BODY CONDITION SCORE	FRA BODY CONDITION SCORE	102.437	5.8592

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
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		-2.923	3.9599	
HOL STATURE		GBR STATURE		-2.522	4.7042	
HOL CHEST WIDTH		GBR CHEST WIDTH		-0.800	3.7341	
HOL BODY DEPTH		GBR BODY DEPTH		0.370	3.3850	
HOL PIN WIDTH		GBR RUMP WIDTH		-1.065	4.1627	
HOL RUMP ANGLE		GBR RUMP ANGLE		0.084	4.1117	
HOL FOOT ANGLE		GBR FOOT ANGLE		-1.819	4.0085	
HOL REAR LEGS SIDE VIEW		GBR REAR LEG SET		-0.058	3.7078	
HOL REAR LEG REAR VIEW		GBR REAR LEG REAR VIEW		-0.747	2.7427	
HOL UDDER DEPTH		GBR UDDER DEPTH		-1.549	3.9427	
HOL MEDIAN SUSPENSORY		GBR MEDIAN SUSPENSORY		-2.217	3.8823	
HOL FORE ATTACHMENT		GBR FORE UDDER		-1.733	3.9567	
HOL TEAT PLACEMENT		GBR FRONT TEAT PLACEMENT		-1.138	4.2223	
HOL TEAT LENGTH		GBR TEAT LENGTH		0.715	3.8246	
HOL REAR ATTACHMENT HEIGHT		GBR REAR UDDER HEIGHT		-2.559	3.1717	
HOL REAR TEAT PLACEMENT		GBR REAR TEAT PLACEMENT		-1.239	3.9915	
HOL ANGULARITY		GBR ANGULARITY		-3.011	4.9043	
HOL BODY CONDITION SCORE		GBR BODY CONDITION SCORE		100.933	3.9288	

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
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		-4.640	5.2508	0.59
HOL FEET AND LEGS		HUN OVERALL FEET & LEG		-3.157	3.0343	



HOL MAMMARY SYSTEM	HUN OVERALL UDDER SCORE	-3.755	4.5137
HOL STATURE	HUN STATURE	-3.663	5.7888
HOL CHEST WIDTH	HUN CHEST WIDTH	-0.321	4.9223
HOL BODY DEPTH	HUN BODY DEPTH	-0.155	4.2746
HOL PIN WIDTH	HUN RUMP WIDTH	-1.923	5.2582
HOL RUMP ANGLE	HUN RUMP ANGLE	-0.005	5.5082
HOL FOOT ANGLE	HUN FOOT ANGLE	-2.162	5.0545
HOL REAR LEGS SIDE VIEW	HUN REAR LEG SET	-0.315	5.3906
HOL REAR LEG REAR VIEW	HUN REAR LEG REAR VIEW	-1.556	4.2514
HOL UDDER DEPTH	HUN UDDER DEPTH	-2.684	5.0879
HOL MEDIAN SUSPENSORY	HUN MEDIAN SUSPENSORY	-2.862	4.9350
HOL FORE ATTACHMENT	HUN FORE UDDER	-3.083	4.8555
HOL FRONT TEAT PLACEMENT	HUN FRONT TEAT PLACEMENT	-1.370	6.0152
HOL TEAT LENGTH	HUN TEAT LENGTH	2.267	4.1589
HOL REAR ATTACHMENT HEIGHT	HUN REAR UDDER HEIGHT	-3.869	4.8011
HOL REAR TEAT PLACEMENT	HUN REAR TEAT PLACEMENT	-1.261	5.3638
HOL ANGULARITY	HUN ANGULARITY	-4.294	4.7701
HOL BODY CONDITION SCORE	HUN BODY CONDITION SCORE	101.840	5.7603

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
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	-15.050	5.5462	0.49		
HOL FEET AND LEGS	IRL OVERALL FEET & LEG	-7.319	3.8788			
HOL MAMMARY SYSTEM	IRL OVERALL UDDER SCORE	-11.621	4.5835			
HOL STATURE	IRL STATURE	-11.209	6.8286			
HOL CHEST WIDTH	IRL CHEST WIDTH	-0.938	3.6923			
HOL BODY DEPTH	IRL BODY DEPTH	-0.780	3.7090			
HOL PIN WIDTH	IRL RUMP WIDTH	-5.829	2.8482			
HOL RUMP ANGLE	IRL RUMP ANGLE	-0.194	3.2177			
HOL FOOT ANGLE	IRL FOOT ANGLE	-6.359	3.5642			
HOL REAR LEGS SIDE VIEW	IRL REAR LEG SET	-0.002	2.8101			
HOL REAR LEG REAR VIEW	IRL REAR LEG REAR VIEW	-4.320	2.5322			
HOL UDDER DEPTH	IRL UDDER DEPTH	-7.556	3.7066			
HOL MEDIAN SUSPENSORY	IRL MEDIAN SUSPENSORY	-9.237	4.3552			
HOL FORE ATTACHMENT	IRL FORE UDDER	-8.233	3.7731			
HOL TEAT PLACEMENT	IRL FRONT TEAT PLACEMENT	-6.682	4.3711			
HOL TEAT LENGTH	IRL TEAT LENGTH	1.834	2.8508			
HOL REAR ATTACHMENT HEIGHT	IRL REAR UDDER HEIGHT	-9.101	3.7586			
HOL REAR TEAT PLACEMENT	IRL REAR TEAT PLACEMENT	-5.788	4.3917			
HOL ANGULARITY	IRL ANGULARITY	-12.795	8.5171			
HOL BODY CONDITION SCORE	IRL BODY CONDITION SCORE	106.695	5.4775			

Conversion Factors For Type. Source = INTERBULL MACE 2104  
 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		-4.722	5.8700	0.61
HOL FEET AND LEGS		ITA OVERALL FEET & LEG		-2.197	2.7954	
HOL MAMMARY SYSTEM		ITA OVERALL UDDER SCORE		-4.392	4.5439	
HOL STATURE		ITA STATURE		-3.794	4.5156	
HOL CHEST WIDTH		ITA STRENGTH		-0.465	3.5153	
HOL BODY DEPTH		ITA BODY DEPTH		-0.103	2.9881	
HOL PIN WIDTH		ITA RUMP WIDTH		-2.010	3.6991	
HOL RUMP ANGLE		ITA RUMP ANGLE		0.545	3.8973	
HOL FOOT ANGLE		ITA FOOT ANGLE		-1.808	3.5165	
HOL REAR LEGS SIDE VIEW		ITA REAR LEG SET		-0.093	3.6733	
HOL REAR LEG REAR VIEW		ITA REAR LEG REAR VIEW		-1.539	2.8975	
HOL UDDER DEPTH		ITA UDDER DEPTH		-3.428	3.6285	
HOL MEDIAN SUSPENSORY		ITA MEDIAN SUSPENSORY		-2.284	3.2373	
HOL FORE ATTACHMENT		ITA FORE UDDER		-3.727	3.4789	
HOL FRONT TEAT PLACEMENT		ITA FRONT TEAT PLACEMENT		-2.019	4.3250	
HOL TEAT LENGTH		ITA TEAT LENGTH		1.030	3.3815	
HOL REAR ATTACHMENT HEIGHT		ITA REAR UDDER HEIGHT		-3.712	2.9823	
HOL REAR TEAT PLACEMENT		ITA REAR TEAT PLACEMENT		-1.607	3.9106	
HOL ANGULARITY		ITA ANGULARITY		-4.052	4.5913	
HOL BODY CONDITION SCORE		ITA BODY CONDITION SCORE		16.827	0.8589	

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 Conversion Factors For Type. Source = INTERBULL MACE 2104  
 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		-3.710	8.9005	0.72
HOL FEET AND LEGS		JPN OVERALL FEET & LEG		-2.870	9.5077	
HOL MAMMARY SYSTEM		JPN OVERALL UDDER SCORE		-3.386	6.8701	
HOL STATURE		JPN STATURE		-2.247	4.3712	
HOL CHEST WIDTH		JPN CHEST WIDTH		-0.230	3.0045	

HOL BODY DEPTH	JPN BODY DEPTH	0.097	2.9666
HOL PIN WIDTH	JPN RUMP WIDTH	-0.832	4.1575
HOL RUMP ANGLE	JPN RUMP ANGLE	0.347	4.0698
HOL FOOT ANGLE	JPN FOOT ANGLE	-1.344	2.3370
HOL REAR LEGS SIDE VIEW	JPN REAR LEG SET	0.114	3.4035
HOL REAR LEG REAR VIEW	JPN REAR LEG REAR VIEW	-1.384	2.7811
HOL UDDER DEPTH	JPN UDDER DEPTH	-2.542	3.9172
HOL MEDIAN SUSPENSORY	JPN MEDIAN SUSPENSORY	-2.232	2.6208
HOL FORE ATTACHMENT	JPN FORE UDDER	-2.864	3.6227
HOL FRONT TEAT PLACEMENT	JPN FRONT TEAT PLACEMENT	-1.424	3.8625
HOL TEAT LENGTH	JPN TEAT LENGTH	0.824	3.5471
HOL REAR ATTACHMENT HEIGHT	JPN REAR UDDER HEIGHT	-2.711	3.3901
HOL REAR TEAT PLACEMENT	JPN REAR TEAT PLACEMENT	-1.335	3.7919
HOL ANGULARITY	JPN ANGULARITY	-2.175	4.2311
HOL BODY CONDITION SCORE	JPN BODY CONDITION SCORE	100.176	3.5559

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=KOR

	c	c	f			
	a	o	o		b	t
b	t	n	t	v	v	c
r	r	t	r	a	a	o
e	a	r	a	l	l	r
e	i	y	i	u	u	r
d	t	2	t	e	e	2
HOL CONFORMATION	KOR CONFORMATION	-9.641	0.5610	0.41		
HOL STATURE	KOR STATURE	-6.515	1.1919			
HOL CHEST WIDTH	KOR CHEST WIDTH	1.119	1.5664			
HOL BODY DEPTH	KOR BODY DEPTH	-0.219	1.0317			
HOL PIN WIDTH	KOR RUMP WIDTH	-2.827	1.3861			
HOL RUMP ANGLE	KOR RUMP ANGLE	-0.019	1.1115			
HOL FOOT ANGLE	KOR FOOT ANGLE	-3.847	3.3205			
HOL REAR LEGS SIDE VIEW	KOR REAR LEG SET	1.306	2.2932			
HOL REAR LEG REAR VIEW	KOR REAR LEG REAR VIEW	-2.418	2.4375			
HOL UDDER DEPTH	KOR UDDER DEPTH	-8.515	0.8651			
HOL MEDIAN SUSPENSORY	KOR MEDIAN SUSPENSORY	-5.658	1.7648			
HOL FORE ATTACHMENT	KOR FORE UDDER	-5.335	1.1041			
HOL TEAT PLACEMENT	KOR FRONT TEAT PLACEMENT	-5.914	1.6651			
HOL TEAT LENGTH	KOR TEAT LENGTH	2.282	1.0570			
HOL REAR ATTACHMENT HEIGHT	KOR REAR UDDER HEIGHT	-7.122	1.2864			
HOL REAR TEAT PLACEMENT	KOR REAR TEAT PLACEMENT	-4.008	2.5725			
HOL ANGULARITY	KOR ANGULARITY	-5.528	2.2610			
HOL BODY CONDITION SCORE	KOR BODY CONDITION SCORE	102.675	2.0694			

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
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	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		-165.319	1.5723	0.56
HOL FEET AND LEGS		NLD OVERALL FEET & LEG		-93.481	0.9212	
HOL MAMMARY SYSTEM		NLD OVERALL UDDER SCORE		-116.239	1.0988	
HOL STATURE		NLD STATURE		-129.233	1.2382	
HOL CHEST WIDTH		NLD CHEST WIDTH		-114.495	1.1576	
HOL BODY DEPTH		NLD BODY DEPTH		-78.022	0.7749	
HOL PIN WIDTH		NLD PIN WIDTH		-115.330	1.1187	
HOL RUMP ANGLE		NLD RUMP ANGLE		-110.569	1.1368	
HOL FOOT ANGLE		NLD CLAW DIAGONAL		-106.134	1.0371	
HOL REAR LEGS SIDE VIEW		NLD REAR LEG SET		-106.093	1.0455	
HOL REAR LEG REAR VIEW		NLD REAR LEG REAR VIEW		-143.424	1.4454	
HOL UDDER DEPTH		NLD UDDER DEPTH		-108.723	1.0474	
HOL MEDIAN SUSPENSORY		NLD MEDIAN SUSPENSORY		-120.378	1.1462	
HOL FORE ATTACHMENT		NLD FORE UDDER		-108.018	1.0311	
HOL FRONT TEAT PLACEMENT		NLD FRONT TEAT PLACEMENT		-114.773	1.1310	
HOL TEAT LENGTH		NLD TEAT LENGTH		-95.632	0.9689	
HOL REAR ATTACHMENT HEIGHT		NLD REAR UDDER HEIGHT		-96.573	0.9153	
HOL REAR TEAT PLACEMENT		NLD REAR TEAT PLACEMENT		-119.052	1.1625	
HOL ANGULARITY		NLD ANGULARITY		-136.191	1.2849	
HOL BODY CONDITION SCORE		NLD BODY CONDITION SCORE		-13.823	1.1944	

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
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	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		-24.670	12.9360	0.42
HOL MAMMARY SYSTEM		NZL OVERALL UDDER SCORE		-18.844	10.7965	
HOL STATURE		NZL STATURE		-28.869	10.4681	
HOL CHEST WIDTH		NZL CHEST WIDTH		-3.040	11.7299	
HOL BODY DEPTH		NZL BODY DEPTH		-3.392	9.4452	
HOL PIN WIDTH		NZL RUMP WIDTH		-15.261	16.4364	
HOL RUMP ANGLE		NZL RUMP ANGLE		-0.375	15.8118	
HOL REAR LEGS SIDE VIEW		NZL REAR LEG SET		4.627	22.4584	
HOL MEDIAN SUSPENSORY		NZL MEDIAN SUSPENSORY		-16.706	8.8037	
HOL FORE ATTACHMENT		NZL FORE UDDER		-13.269	10.9211	

HOL FRONT TEAT PLACEMENT	NZL FRONT TEAT PLACEMENT	-11.798	18.1295
HOL REAR ATTACHMENT HEIGHT	NZL REAR UDDER HEIGHT	-14.645	10.2240
HOL REAR TEAT PLACEMENT	NZL REAR TEAT PLACEMENT	-12.946	12.5309
HOL BODY CONDITION SCORE	NZL BODY CONDITION SCORE	110.145	35.8774

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=POL

	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		POL OVERALL CONFORMATION		-55.212	0.4712	0.42
HOL FEET AND LEGS		POL OVERALL FEET & LEG		-42.204	0.3770	
HOL MAMMARY SYSTEM		POL OVERALL UDDER SCORE		-50.498	0.4368	
HOL STATURE		POL STATURE		-57.772	0.5232	
HOL CHEST WIDTH		POL CHEST WIDTH		-44.232	0.4415	
HOL BODY DEPTH		POL BODY DEPTH		-37.687	0.3730	
HOL PIN WIDTH		POL RUMP WIDTH		-51.534	0.4858	
HOL RUMP ANGLE		POL RUMP ANGLE		-51.087	0.5142	
HOL FOOT ANGLE		POL FOOT ANGLE		-46.374	0.4349	
HOL REAR LEGS SIDE VIEW		POL REAR LEG SET		-47.989	0.4810	
HOL REAR LEG REAR VIEW		POL REAR LEG REAR VIEW		-43.436	0.4127	
HOL UDDER DEPTH		POL UDDER DEPTH		-48.103	0.4383	
HOL MEDIAN SUSPENSORY		POL MEDIAN SUSPENSORY		-49.759	0.4527	
HOL FORE ATTACHMENT		POL FORE UDDER		-46.960	0.4172	
HOL FRONT TEAT PLACEMENT		POL FRONT TEAT PLACEMENT		-50.549	0.4784	
HOL TEAT LENGTH		POL TEAT LENGTH		-41.476	0.4256	
HOL REAR ATTACHMENT HEIGHT		POL REAR UDDER HEIGHT		-44.246	0.3886	
HOL REAR TEAT PLACEMENT		POL REAR TEAT PLACEMENT		-52.662	0.4987	
HOL ANGULARITY		POL ANGULARITY		-59.255	0.5293	
HOL BODY CONDITION SCORE		POL BODY CONDITION SCORE		53.361	0.4953	

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=PRT

	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		PRT CONFORMATION		-5.900	17.9095	0.52
HOL FEET AND LEGS		PRT OVERALL FEET & LEG		-3.127	20.9731	
HOL MAMMARY SYSTEM		PRT OVERALL UDDER SCORE		-5.347	10.7332	
HOL STATURE		PRT STATURE		-8.536	4.1088	
HOL CHEST WIDTH		PRT CHEST WIDTH		-0.715	2.6348	
HOL BODY DEPTH		PRT BODY DEPTH		0.180	2.2906	
HOL PIN WIDTH		PRT RUMP WIDTH		-4.318	3.1209	
HOL RUMP ANGLE		PRT RUMP ANGLE		1.075	3.2571	
HOL FOOT ANGLE		PRT FOOT ANGLE		-4.140	2.1466	
HOL REAR LEGS SIDE VIEW		PRT REAR LEG SET		-1.431	2.2758	
HOL REAR LEG REAR VIEW		PRT REAR LEG REAR VIEW		-2.282	1.9667	
HOL UDDER DEPTH		PRT UDDER DEPTH		-6.670	2.9028	
HOL MEDIAN SUSPENSORY		PRT MEDIAN SUSPENSORY		-6.081	2.9510	
HOL FORE ATTACHMENT		PRT FORE UDDER		-7.224	2.5100	
HOL TEAT PLACEMENT		PRT FRONT TEAT PLACEMENT		-5.366	3.6574	
HOL TEAT LENGTH		PRT TEAT LENGTH		1.704	2.4754	
HOL REAR ATTACHMENT HEIGHT		PRT REAR UDDER HEIGHT		-8.504	3.0425	
HOL REAR TEAT PLACEMENT		PRT REAR TEAT PLACEMENT		-4.659	3.5891	
HOL ANGULARITY		PRT ANGULARITY		-10.225	4.5557	
HOL BODY CONDITION SCORE		PRT BODY CONDITION SCORE		103.686	2.6354	

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Conversion Factors For Type. Source = INTERBULL MACE 2104  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=SVN

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

  

HOL CONFORMATION		SVN CONFORMATION		-44.999	0.3085	0.46
HOL FEET AND LEGS		SVN OVERALL FEET & LEG		-26.966	0.1959	
HOL MAMMARY SYSTEM		SVN OVERALL UDDER SCORE		-39.824	0.2723	
HOL STATURE		SVN STATURE		-45.876	0.3417	
HOL CHEST WIDTH		SVN CHEST WIDTH		-26.650	0.2534	
HOL BODY DEPTH		SVN BODY DEPTH		-23.847	0.2164	
HOL PIN WIDTH		SVN RUMP WIDTH		-29.703	0.2493	
HOL RUMP ANGLE		SVN RUMP ANGLE		-31.251	0.3189	
HOL FOOT ANGLE		SVN FOOT ANGLE		-28.171	0.2372	
HOL REAR LEGS SIDE VIEW		SVN REAR LEG SET		-25.155	0.2534	
HOL REAR LEG REAR VIEW		SVN REAR LEG REAR VIEW		-24.333	0.2080	
HOL UDDER DEPTH		SVN UDDER DEPTH		-38.617	0.3030	
HOL MEDIAN SUSPENSORY		SVN MEDIAN SUSPENSORY		-32.991	0.2451	
HOL FORE ATTACHMENT		SVN FORE UDDER		-28.921	0.2000	
HOL TEAT PLACEMENT		SVN FRONT TEAT PLACEMENT		-42.128	0.3411	
HOL TEAT LENGTH		SVN TEAT LENGTH		-24.569	0.2700	
HOL REAR ATTACHMENT HEIGHT		SVN REAR UDDER HEIGHT		-40.662	0.3015	
HOL REAR TEAT PLACEMENT		SVN REAR TEAT PLACEMENT		-45.198	0.3722	
HOL ANGULARITY		SVN ANGULARITY		-37.353	0.2568	

HOL BODY CONDITION SCORE      SVN BODY CONDITION SCORE      82.771      0.2259

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 Conversion Factors For Type. Source = INTERBULL MACE 2104  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=USA

	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		USA PTA TYPE (FINAL SCORE)		-1.879	5.1216	0.66
HOL FEET AND LEGS		USA FEET & LEGS SCORE		-1.310	3.9474	
HOL MAMMARY SYSTEM		USA UDDER COMPOSITE		-0.930	4.0306	
HOL STATURE		USA STATURE		-2.595	4.2882	
HOL CHEST WIDTH		USA STRENGTH		0.140	4.1457	
HOL BODY DEPTH		USA BODY DEPTH		-0.409	3.2316	
HOL PIN WIDTH		USA THURL WIDTH		-0.864	4.0471	
HOL RUMP ANGLE		USA RUMP ANGLE		-0.632	4.0452	
HOL FOOT ANGLE		USA FOOT ANGLE		-0.997	4.0541	
HOL REAR LEGS SIDE VIEW		USA REAR LEGS - SIDE VIEW		0.115	3.6741	
HOL REAR LEG REAR VIEW		USA REAR LEGS - REAR VIEW		-0.046	3.4090	
HOL UDDER DEPTH		USA UDDER DEPTH		-0.657	3.4674	
HOL MEDIAN SUSPENSORY		USA UDDER CLEFT		-1.436	3.3063	
HOL FORE ATTACHMENT		USA FORE ATTACHMENT		-0.625	3.4109	
HOL FRONT TEAT PLACEMENT		USA FRONT TEAT PLACEMENT		0.056	4.0510	
HOL TEAT LENGTH		USA TEAT LENGTH		-0.007	3.6092	
HOL REAR ATTACHMENT HEIGHT		USA REAR UDDER HEIGHT		-1.128	2.8689	
HOL REAR TEAT PLACEMENT		USA REAR TEAT PLACEMENT		-0.597	3.7300	
HOL ANGULARITY		USA DAIRY FORM		-2.957	4.6824	
HOL BODY CONDITION SCORE		USA BODY CONDITION SCORE		101.169	-3.4789	

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 Conversion Factors For Type. Source = INTERBULL MACE 2104  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=ZAF

	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 STATURE		ZAF STATURE		-4.647	6.7963	

HOL CHEST WIDTH	ZAF CHEST WIDTH	-0.328	6.4646
HOL BODY DEPTH	ZAF BODY DEPTH	-0.325	5.3086
HOL PIN WIDTH	ZAF RUMP WIDTH	-2.104	5.4935
HOL RUMP ANGLE	ZAF RUMP ANGLE	0.400	6.3709
HOL FOOT ANGLE	ZAF FOOT ANGLE	-2.750	6.4022
HOL REAR LEGS SIDE VIEW	ZAF REAR LEG SET	0.358	5.7890
HOL REAR LEG REAR VIEW	ZAF REAR LEG REAR VIEW	-1.428	5.1513
HOL UDDER DEPTH	ZAF UDDER DEPTH	-2.500	5.3876
HOL MEDIAN SUSPENSORY	ZAF MEDIAN SUSPENSORY	-2.911	4.5004
HOL FORE ATTACHMENT	ZAF FORE UDDER	-2.789	5.3157
HOL TEAT PLACEMENT	ZAF FRONT TEAT PLACEMENT	-0.977	6.8836
HOL TEAT LENGTH	ZAF TEAT LENGTH	0.791	5.3923
HOL REAR ATTACHMENT HEIGHT	ZAF REAR UDDER HEIGHT	-4.091	4.8801
HOL REAR TEAT PLACEMENT	ZAF REAR TEAT PLACEMENT	-1.254	9.5234
HOL ANGULARITY	ZAF ANGULARITY	-4.728	6.5410

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CALCULATION OF FAT% AND PROTEIN% FOR APRIL 2021

BREED	BMILK	BFAT	BPRT
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AYS	7937	332	272
BSW	8455	361	303
CN	5698	249	206
GUE	7048	329	249
JER	6989	360	271
HOL	10718	424	350
MS	6898	276	229

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

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

EXAMPLE:

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

$$\begin{aligned}
 EBVFAT\% &= 200 * [ (424+50*0.5) / (10718+1000*0.5) - (424/11E3) ] \\
 &= 200 * [ (424+25) / (10718+500) - (0.03956) ] \\
 &= 200 * [ 0.04002 - 0.03956 ] \\
 &= 200 * 0.00047 \\
 &= 0.09
 \end{aligned}$$

$$\begin{aligned}
 EBVPROT\% &= 200 * [ (350+40*0.5) / (10718+1000*0.5) - (350/11E3) ] \\
 &= 200 * [ (350+20) / (10718+500) - (0.03266) ] \\
 &= 200 * [ 0.03298 - 0.03266 ] \\
 &= 200 * 0.00033 \\
 &= 0.07
 \end{aligned}$$