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 Conversion Factors For Production Traits. Source: INTERBULL 2004
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = PCORR2*Foreign Reliability

breed	country2	amilk	bmilk	afat	bfat	aprot	bprot	pcorr2
HOL	AUS	-752.00	1.5520	-16.400	1.6460	-14.800	1.5510	0.4624
HOL	BEL	-688.29	1.3597	-24.634	1.3113	-12.367	1.2178	0.6400
HOL	CHE	-975.20	1.2500	-20.400	1.2020	-20.500	1.1980	0.7056
HOL	CZE	93.70	1.0370	0.300	1.3050	9.100	1.2150	0.6400
HOL	DEU	137.50	1.1490	6.000	1.1740	11.600	1.1530	0.8100
HOL	DFS	-6511.00	67.0930	-256.400	2.7210	-178.500	2.0110	0.8464
HOL	ESP	-190.60	1.4010	-18.600	1.3880	-8.600	1.3970	0.8100
HOL	EST	-91.30	1.3900	3.700	1.3970	5.800	1.3140	0.6724
HOL	FRA	225.70	1.1260	3.000	1.1000	16.000	1.1180	0.7396
HOL	GBR	-124.00	2.4090	3.700	2.6680	3.100	2.6540	0.7225
HOL	HRV	-6038.51	55.5483	-229.040	2.1452	-165.861	1.5908	0.6561
HOL	HUN	-338.50	0.9400	-18.200	0.9700	-10.200	0.8690	0.6561
HOL	IRL	-1566.70	4.0610	-38.300	3.6930	-34.100	3.4560	0.5476
HOL	ISR	-125.00	1.7240	11.100	1.7600	5.100	1.8440	0.6889
HOL	ITA	40.80	1.1670	-4.300	1.1480	3.000	1.0770	0.7396
HOL	JPN	75.70	1.2320	-10.300	1.2360	-2.000	1.2600	0.8281
HOL	KOR	-216.20	1.4860	-19.300	1.5450	-12.500	1.5730	0.6889
HOL	LTU	-2000.10	1.6380	-48.500	1.3060	-50.700	1.4950	0.6561
HOL	LVA	-317.90	1.4950	-7.900	1.3490	-1.600	1.5400	0.6400
HOL	MEX	-44.77	1.6657	-18.225	1.8952	-18.655	1.5828	0.6561
HOL	NLD	61.40	1.0620	14.600	1.0600	21.100	1.0470	0.7569
HOL	NZL	-2491.90	1.8410	-30.800	1.6040	-49.600	1.7390	0.4624
HOL	POL	-64.40	1.7030	-0.800	1.6860	5.900	1.7870	0.7225
HOL	PRT	-155.50	1.2380	-21.700	1.3830	-7.300	1.2920	0.6400
HOL	SVK	-292.02	1.6505	-11.326	1.6789	-4.490	1.6552	0.6400
HOL	SVN	-7144.60	64.3430	-316.800	2.8750	-222.900	2.0380	0.6561
HOL	URY	-329.55	3.7903	-10.897	3.6892	-2.383	3.3739	0.6400
HOL	USA	421.20	1.0320	13.200	1.1070	15.100	1.1490	0.8281
HOL	ZAF	-317.37	1.2485	-12.681	1.4248	-7.537	1.3274	0.6400

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 Conversion Factors For SCS Traits. Source: INTERBULL 2004
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = SCORR2*Foreign Reliability

breed	country2	a	b	scorr2
HOL	AUS	95.800	-17.8770	0.7396
HOL	BEL	128.693	-10.1479	0.8281
HOL	CHE	54.300	0.4540	0.7921
HOL	CZE	67.800	0.3160	0.7744
HOL	DEU	59.500	0.4080	0.8649
HOL	DFS	57.000	0.4500	0.8649
HOL	ESP	50.900	0.4720	0.8649
HOL	EST	62.400	0.3670	0.7744
HOL	FRA	100.000	4.5260	0.8836
HOL	GBR	100.100	-0.4000	0.8836
HOL	HRV	54.688	0.4323	0.7744

HOL	HUN	98.500	-3.4090	0.7744
HOL	IRL	97.700	-46.0040	0.7569
HOL	ISR	99.300	-20.2760	0.7225
HOL	ITA	10.300	0.8920	0.8100
HOL	JPN	124.700	-12.4860	0.7744
HOL	KOR	99.969	-14.6823	0.7744
HOL	LTU	98.400	-13.3520	0.7744
HOL	LVA	96.000	-10.8600	0.7744
HOL	NLD	-4.300	1.0480	0.8281
HOL	NZL	96.600	-12.9220	0.7396
HOL	POL	52.800	0.4690	0.8100
HOL	PRT	98.000	-11.7530	0.7744
HOL	SVK	134.459	-12.2427	0.7744
HOL	SVN	48.200	0.4870	0.7744
HOL	URY	98.394	-25.2282	0.7744
HOL	USA	179.100	-26.1940	0.8836
HOL	ZAF	98.707	-0.1972	0.8100

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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	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	AUS GENERAL APPEARANCE	-8.817	4.8393	0.34		
HOL FEET AND LEGS	AUS OVERALL FEET & LEG	-61.598	0.5419			
HOL MAMMARY SYSTEM	AUS OVERALL UDDER SCORE	-8.024	6.3618			
HOL STATURE	AUS STATURE	-7.363	8.1965			
HOL CHEST WIDTH	AUS CHEST WIDTH	0.940	8.9316			
HOL BODY DEPTH	AUS BODY DEPTH	1.919	8.9637			
HOL PIN WIDTH	AUS PIN WIDTH	-2.254	9.6332			
HOL RUMP ANGLE	AUS RUMP ANGLE	1.069	9.1476			
HOL FOOT ANGLE	AUS FOOT ANGLE	-4.828	11.8375			
HOL REAR LEGS SIDE VIEW	AUS REAR LEG SET	0.519	13.1270			
HOL REAR LEG REAR VIEW	AUS REAR LEG REAR VIEW	-3.598	9.9175			
HOL UDDER DEPTH	AUS UDDER DEPTH	-6.047	8.1436			
HOL MEDIAN SUSPENSORY	AUS MEDIAN SUSPENSORY	-6.077	11.2012			
HOL FORE ATTACHMENT	AUS FORE UDDER	-5.164	8.7721			
HOL FRONT TEAT PLACEMENT	AUS FRONT TEAT PLACEMENT	-2.972	8.8930			
HOL TEAT LENGTH	AUS TEAT LENGTH	1.318	6.9062			
HOL REAR ATTACHMENT HEIGHT	AUS REAR UDDER HEIGHT	-6.741	9.2255			
HOL REAR TEAT PLACEMENT	AUS REAR TEAT PLACEMENT	-2.684	10.9659			
HOL ANGULARITY	AUS ANGULARITY	-6.382	9.1239			

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Conversion Factors For Type. Source = INTERBULL MACE 2004

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	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		-6.118	3.5871	0.56
HOL FEET AND LEGS		BEL OVERALL FEET & LEG		-2.526	2.5485	
HOL MAMMARY SYSTEM		BEL OVERALL UDDER SCORE		-5.599	3.2671	
HOL STATURE		BEL STATURE		-4.673	4.9454	
HOL CHEST WIDTH		BEL CHEST WIDTH		-0.120	3.2905	
HOL BODY DEPTH		BEL BODY DEPTH		-0.147	3.1895	
HOL PIN WIDTH		BEL RUMP WIDTH		-1.921	3.8595	
HOL RUMP ANGLE		BEL RUMP ANGLE		1.037	3.6205	
HOL FOOT ANGLE		BEL FOOT ANGLE		-1.710	2.9136	
HOL REAR LEGS SIDE VIEW		BEL REAR LEG SET		-0.898	3.2709	
HOL REAR LEG REAR VIEW		BEL REAR LEG REAR VIEW		-0.835	2.9918	
HOL UDDER DEPTH		BEL UDDER DEPTH		-4.384	3.6716	
HOL MEDIAN SUSPENSORY		BEL MEDIAN SUSPENSORY		-4.004	3.0421	
HOL FORE ATTACHMENT		BEL FORE UDDER		-4.232	2.7016	
HOL TEAT PLACEMENT		BEL FRONT TEAT PLACEMENT		-3.079	4.1399	
HOL TEAT LENGTH		BEL TEAT LENGTH		0.998	3.2804	
HOL REAR ATTACHMENT HEIGHT		BEL REAR UDDER HEIGHT		-5.232	3.7526	
HOL REAR TEAT PLACEMENT		BEL REAR TEAT PLACEMENT		-3.308	4.2358	
HOL ANGULARITY		BEL ANGULARITY		-5.218	4.6558	
HOL BODY CONDITION SCORE		BEL BODY CONDITION SCORE		103.213	4.4967	

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 Conversion Factors For Type. Source = INTERBULL MACE 2004
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 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=CHE

	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		CHE FINAL SCORE		-53.697	0.4897	0.85
HOL FEET AND LEGS		CHE OVERALL FEET & LEG		-55.017	0.5209	
HOL MAMMARY SYSTEM		CHE OVERALL UDDER SCORE		-50.707	0.4602	
HOL STATURE		CHE STATURE		-54.699	0.5017	
HOL CHEST WIDTH		CHE CHEST WIDTH		-47.549	0.4802	
HOL BODY DEPTH		CHE BODY DEPTH		-43.215	0.4276	
HOL PIN WIDTH		CHE RUMP WIDTH		-49.695	0.4808	

HOL RUMP ANGLE	CHE RUMP ANGLE	-49.409	0.5024
HOL FOOT ANGLE	CHE FOOT ANGLE	-51.656	0.4966
HOL REAR LEGS SIDE VIEW	CHE REAR LEG SET	-48.313	0.4878
HOL REAR LEG REAR VIEW	CHE REAR LEG REAR VIEW	-42.870	0.4125
HOL UDDER DEPTH	CHE UDDER DEPTH	-43.215	0.4197
HOL MEDIAN SUSPENSORY	CHE MEDIAN SUSPENSORY	-50.971	0.4604
HOL FORE ATTACHMENT	CHE FORE UDDER	-44.982	0.4300
HOL FRONT TEAT PLACEMENT	CHE FRONT TEAT PLACEMENT	-51.514	0.4903
HOL TEAT LENGTH	CHE TEAT LENGTH	-42.049	0.4144
HOL REAR ATTACHMENT HEIGHT	CHE REAR UDDER HEIGHT	-51.538	0.4840
HOL REAR TEAT PLACEMENT	CHE REAR TEAT PLACEMENT	-53.011	0.4965
HOL ANGULARITY	CHE ANGULARITY	-59.403	0.5296
HOL BODY CONDITION SCORE	CHE BODY CONDITION SCORE	52.995	0.5114

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Converted Proof Reliability = TCORR2*Foreign Reliability

country2=CZE

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	v	v	c
r	t	n	t	a	a	o
e	r	t	r	l	l	r
e	a	r	a	u	u	r
d	i	y	i	e	e	2
	t	2	t			
HOL CONFORMATION	CZE OVERALL SCORE	-43.057	0.4015	0.69		
HOL FEET AND LEGS	CZE OVERALL FEET & LEG	-33.465	0.3177			
HOL MAMMARY SYSTEM	CZE OVERALL UDDER SCORE	-40.654	0.3843			
HOL STATURE	CZE STATURE	-43.465	0.4099			
HOL CHEST WIDTH	CZE CHEST WIDTH	-39.384	0.3888			
HOL BODY DEPTH	CZE BODY DEPTH	-33.997	0.3235			
HOL PIN WIDTH	CZE RUMP WIDTH	-39.233	0.3682			
HOL RUMP ANGLE	CZE RUMP ANGLE	-40.926	0.4065			
HOL FOOT ANGLE	CZE FOOT ANGLE	-34.716	0.3327			
HOL REAR LEGS SIDE VIEW	CZE REAR LEG SET	-38.300	0.3772			
HOL REAR LEG REAR VIEW	CZE REAR LEG REAR VIEW	-35.667	0.3431			
HOL UDDER DEPTH	CZE UDDER DEPTH	-40.536	0.3956			
HOL MEDIAN SUSPENSORY	CZE MEDIAN SUSPENSORY	-36.400	0.3383			
HOL FORE ATTACHMENT	CZE FORE UDDER	-40.456	0.3776			
HOL FRONT TEAT PLACEMENT	CZE FRONT TEAT PLACEMENT	-42.385	0.4216			
HOL TEAT LENGTH	CZE TEAT LENGTH	-32.602	0.3297			
HOL REAR ATTACHMENT HEIGHT	CZE REAR UDDER HEIGHT	-38.663	0.3540			
HOL REAR TEAT PLACEMENT	CZE REAR TEAT PLACEMENT	-38.428	0.3764			
HOL ANGULARITY	CZE ANGULARITY	-44.326	0.3923			
HOL BODY CONDITION SCORE	CZE BODY CONDITION SCORE	63.033	0.3978			

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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	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	-46.912	0.4586	
HOL MAMMARY SYSTEM		DEU	OVERALL UDDER SCORE	-40.001	0.3717	
HOL STATURE		DEU	STATURE	-45.228	0.4143	
HOL CHEST WIDTH		DEU	CHEST WIDTH	-47.432	0.4602	
HOL BODY DEPTH		DEU	BODY DEPTH	-43.389	0.4207	
HOL PIN WIDTH		DEU	RUMP WIDTH	-52.133	0.4949	
HOL RUMP ANGLE		DEU	RUMP ANGLE	-48.067	0.4879	
HOL FOOT ANGLE		DEU	FOOT ANGLE	-47.478	0.4601	
HOL REAR LEGS SIDE VIEW		DEU	REAR LEG SET	-49.740	0.4924	
HOL REAR LEG REAR VIEW		DEU	REAR LEG REAR VIEW	-52.488	0.5210	
HOL UDDER DEPTH		DEU	UDDER DEPTH	-39.317	0.3788	
HOL MEDIAN SUSPENSORY		DEU	MEDIAN SUSPENSORY	-49.488	0.4649	
HOL FORE ATTACHMENT		DEU	FORE UDDER	-46.180	0.4398	
HOL FRONT TEAT PLACEMENT		DEU	FRONT TEAT PLACEMENT	-42.019	0.4055	
HOL TEAT LENGTH		DEU	TEAT LENGTH	-35.710	0.3685	
HOL REAR ATTACHMENT HEIGHT		DEU	REAR UDDER HEIGHT	-39.799	0.3733	
HOL REAR TEAT PLACEMENT		DEU	REAR TEAT PLACEMENT	-42.267	0.4015	
HOL ANGULARITY		DEU	ANGULARITY	-49.529	0.4547	
HOL BODY CONDITION SCORE		DEU	BODY CONDITION SCORE	58.838	0.4285	

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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	-56.872	0.4585	0.58
HOL FEET AND LEGS		DFS	OVERALL FEET & LEG	-46.072	0.4373	
HOL MAMMARY SYSTEM		DFS	OVERALL UDDER SCORE	-43.565	0.3859	
HOL STATURE		DFS	STATURE	-55.720	0.4958	
HOL CHEST WIDTH		DFS	CHEST WIDTH	-52.302	0.4909	
HOL BODY DEPTH		DFS	BODY DEPTH	-49.374	0.4466	
HOL PIN WIDTH		DFS	RUMP WIDTH	-50.644	0.4536	
HOL RUMP ANGLE		DFS	RUMP ANGLE	-50.540	0.5140	
HOL FOOT ANGLE		DFS	FOOT ANGLE	-50.266	0.4726	
HOL REAR LEGS SIDE VIEW		DFS	REAR LEG SET	-45.271	0.4575	
HOL REAR LEG REAR VIEW		DFS	REAR LEG REAR VIEW	-50.512	0.4814	

HOL UDDER DEPTH	DFS UDDER DEPTH	-43.695	0.4341
HOL MEDIAN SUSPENSORY	DFS MEDIAN SUSPENSORY	-45.009	0.3844
HOL FORE ATTACHMENT	DFS FORE UDDER	-47.794	0.4388
HOL FRONT TEAT PLACEMENT	DFS FRONT TEAT PLACEMENT	-54.469	0.5271
HOL TEAT LENGTH	DFS TEAT LENGTH	-44.785	0.4565
HOL REAR ATTACHMENT HEIGHT	DFS REAR UDDER HEIGHT	-45.015	0.4063
HOL REAR TEAT PLACEMENT	DFS REAR TEAT PLACEMENT	-55.847	0.5210
HOL ANGULARITY	DFS DAIRY FORM	-66.979	0.5860
HOL BODY CONDITION SCORE	DFS BODY CONDITION SCORE	56.266	0.4724

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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	-6.235	6.1369	0.62		
HOL FEET AND LEGS	ESP OVERALL FEET & LEG	-3.693	5.9317			
HOL MAMMARY SYSTEM	ESP OVERALL UDDER SCORE	-6.108	5.3183			
HOL STATURE	ESP STATURE	-5.382	6.2870			
HOL CHEST WIDTH	ESP CHEST WIDTH	-0.610	5.3857			
HOL BODY DEPTH	ESP BODY DEPTH	-0.282	4.7754			
HOL PIN WIDTH	ESP PIN WIDTH	-2.065	5.5917			
HOL RUMP ANGLE	ESP RUMP ANGLE	0.393	5.1579			
HOL FOOT ANGLE	ESP FOOT ANGLE	-2.097	5.7822			
HOL REAR LEGS SIDE VIEW	ESP REAR LEG SET	-0.984	4.7840			
HOL REAR LEG REAR VIEW	ESP REAR LEG REAR VIEW	-1.121	5.3144			
HOL UDDER DEPTH	ESP UDDER DEPTH	-5.170	4.7929			
HOL MEDIAN SUSPENSORY	ESP MEDIAN SUSPENSORY	-4.459	5.7330			
HOL FORE ATTACHMENT	ESP FORE UDDER	-5.253	5.6143			
HOL FRONT TEAT PLACEMENT	ESP FRONT TEAT PLACEMENT	-2.970	5.9371			
HOL TEAT LENGTH	ESP TEAT LENGTH	1.365	4.4868			
HOL REAR ATTACHMENT HEIGHT	ESP REAR UDDER HEIGHT	-5.267	5.5420			
HOL REAR TEAT PLACEMENT	ESP REAR TEAT PLACEMENT	-3.225	6.3912			
HOL ANGULARITY	ESP ANGULARITY	-5.321	7.4713			
HOL BODY CONDITION SCORE	ESP BODY CONDITION SCORE	102.632	5.4537			

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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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	-56.483	0.4713	0.59
HOL FEET AND LEGS	EST OVERALL FEET & LEG	-36.530	0.3144	
HOL MAMMARY SYSTEM	EST OVERALL UDDER SCORE	-51.667	0.4366	
HOL STATURE	EST STATURE	-54.853	0.4791	
HOL CHEST WIDTH	EST CHEST WIDTH	-35.712	0.3464	
HOL BODY DEPTH	EST BODY DEPTH	-35.520	0.3422	
HOL PIN WIDTH	EST RUMP WIDTH	-45.776	0.4164	
HOL RUMP ANGLE	EST RUMP ANGLE	-38.219	0.3920	
HOL FOOT ANGLE	EST FOOT ANGLE	-33.164	0.2972	
HOL REAR LEGS SIDE VIEW	EST REAR LEG SET	-36.611	0.3631	
HOL REAR LEG REAR VIEW	EST REAR LEG REAR VIEW	-33.352	0.3086	
HOL UDDER DEPTH	EST UDDER DEPTH	-49.107	0.4358	
HOL MEDIAN SUSPENSORY	EST MEDIAN SUSPENSORY	-39.452	0.3357	
HOL FORE ATTACHMENT	EST FORE UDDER	-43.402	0.3708	
HOL FRONT TEAT PLACEMENT	EST FRONT TEAT PLACEMENT	-47.861	0.4418	
HOL TEAT LENGTH	EST TEAT LENGTH	-33.044	0.3415	
HOL REAR ATTACHMENT HEIGHT	EST REAR UDDER HEIGHT	-46.532	0.4014	
HOL REAR TEAT PLACEMENT	EST REAR TEAT PLACEMENT	-47.937	0.4407	
HOL ANGULARITY	EST ANGULARITY	-37.052	0.3076	
HOL BODY CONDITION SCORE	EST BODY CONDITION SCORE	62.311	0.3961	

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 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	-2.565	5.2267
HOL CHEST WIDTH	FRA CHEST DEPTH	0.759	4.6830
HOL BODY DEPTH	FRA BODY DEPTH	0.005	3.3811
HOL PIN WIDTH	FRA RUMP WIDTH	-1.203	5.0586
HOL RUMP ANGLE	FRA RUMP ANGLE	1.593	5.4533
HOL FOOT ANGLE	FRA HEEL DEPTH	-1.403	5.3060
HOL REAR LEGS SIDE VIEW	FRA REAR LEG SET	-0.124	4.9948
HOL REAR LEG REAR VIEW	FRA REAR LEG REAR VIEW	-1.661	5.0792
HOL UDDER DEPTH	FRA UDDER DEPTH	-2.324	4.4502
HOL MEDIAN SUSPENSORY	FRA MEDIAN SUSPENSORY	-3.056	4.3355
HOL FORE ATTACHMENT	FRA FORE UDDER	-3.484	4.9578
HOL FRONT TEAT PLACEMENT	FRA FRONT TEAT PLACEMENT	-1.660	5.2857
HOL TEAT LENGTH	FRA TEAT LENGTH	1.736	4.8780
HOL REAR ATTACHMENT HEIGHT	FRA REAR UDDER HEIGHT	-3.573	4.3692

HOL REAR TEAT PLACEMENT	FRA REAR TEAT PLACEMENT	-1.801	5.6608
HOL ANGULARITY	FRA ANGULARITY	-3.755	6.1002
HOL BODY CONDITION SCORE	FRA BODY CONDITION SCORE	102.549	5.8193

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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	-2.304	3.9670
HOL STATURE	GBR STATURE	-2.199	4.8451
HOL CHEST WIDTH	GBR CHEST WIDTH	-0.858	3.7898
HOL BODY DEPTH	GBR BODY DEPTH	0.063	3.3893
HOL PIN WIDTH	GBR RUMP WIDTH	-0.849	4.1521
HOL RUMP ANGLE	GBR RUMP ANGLE	0.110	4.1448
HOL FOOT ANGLE	GBR FOOT ANGLE	-1.523	3.8333
HOL REAR LEGS SIDE VIEW	GBR REAR LEG SET	-0.175	3.6845
HOL REAR LEG REAR VIEW	GBR REAR LEG REAR VIEW	-0.530	2.8202
HOL UDDER DEPTH	GBR UDDER DEPTH	-0.832	4.0335
HOL MEDIAN SUSPENSORY	GBR MEDIAN SUSPENSORY	-1.972	3.9228
HOL FORE ATTACHMENT	GBR FORE UDDER	-1.099	4.0478
HOL TEAT PLACEMENT	GBR FRONT TEAT PLACEMENT	-0.702	4.1627
HOL TEAT LENGTH	GBR TEAT LENGTH	0.347	3.8151
HOL REAR ATTACHMENT HEIGHT	GBR REAR UDDER HEIGHT	-2.118	3.1888
HOL REAR TEAT PLACEMENT	GBR REAR TEAT PLACEMENT	-0.951	3.9642
HOL ANGULARITY	GBR ANGULARITY	-2.886	4.8302
HOL BODY CONDITION SCORE	GBR BODY CONDITION SCORE	101.049	3.8505

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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	-7.414	4.9308	0.62
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HOL FEET AND LEGS	HUN OVERALL FEET & LEG	-3.603	3.3267
HOL MAMMARY SYSTEM	HUN OVERALL UDDER SCORE	-5.534	4.3724
HOL STATURE	HUN STATURE	-7.158	5.7983
HOL CHEST WIDTH	HUN CHEST WIDTH	-1.539	5.1868
HOL BODY DEPTH	HUN BODY DEPTH	-1.136	4.2940
HOL PIN WIDTH	HUN RUMP WIDTH	-3.713	5.3003
HOL RUMP ANGLE	HUN RUMP ANGLE	-0.009	5.7777
HOL FOOT ANGLE	HUN FOOT ANGLE	-2.057	5.1267
HOL REAR LEGS SIDE VIEW	HUN REAR LEG SET	-1.155	5.3529
HOL REAR LEG REAR VIEW	HUN REAR LEG REAR VIEW	-2.026	4.3427
HOL UDDER DEPTH	HUN UDDER DEPTH	-4.498	4.9431
HOL MEDIAN SUSPENSORY	HUN MEDIAN SUSPENSORY	-3.480	4.9098
HOL FORE ATTACHMENT	HUN FORE UDDER	-4.241	4.6996
HOL FRONT TEAT PLACEMENT	HUN FRONT TEAT PLACEMENT	-2.451	5.7867
HOL TEAT LENGTH	HUN TEAT LENGTH	1.734	4.4636
HOL REAR ATTACHMENT HEIGHT	HUN REAR UDDER HEIGHT	-6.054	4.9232
HOL REAR TEAT PLACEMENT	HUN REAR TEAT PLACEMENT	-2.191	5.5320
HOL ANGULARITY	HUN ANGULARITY	-5.740	5.0164
HOL BODY CONDITION SCORE	HUN BODY CONDITION SCORE	102.740	5.6119

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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	-14.433	5.5515	0.49		
HOL FEET AND LEGS	IRL OVERALL FEET & LEG	-7.005	3.7725			
HOL MAMMARY SYSTEM	IRL OVERALL UDDER SCORE	-11.206	4.6834			
HOL STATURE	IRL STATURE	-11.016	7.0019			
HOL CHEST WIDTH	IRL CHEST WIDTH	-1.202	3.6821			
HOL BODY DEPTH	IRL BODY DEPTH	-1.183	3.7613			
HOL PIN WIDTH	IRL RUMP WIDTH	-5.779	2.8401			
HOL RUMP ANGLE	IRL RUMP ANGLE	-0.190	3.2716			
HOL FOOT ANGLE	IRL FOOT ANGLE	-5.761	3.4898			
HOL REAR LEGS SIDE VIEW	IRL REAR LEG SET	-0.321	2.9171			
HOL REAR LEG REAR VIEW	IRL REAR LEG REAR VIEW	-4.134	2.6180			
HOL UDDER DEPTH	IRL UDDER DEPTH	-7.009	3.8089			
HOL MEDIAN SUSPENSORY	IRL MEDIAN SUSPENSORY	-8.945	4.3112			
HOL FORE ATTACHMENT	IRL FORE UDDER	-7.648	3.8127			
HOL TEAT PLACEMENT	IRL FRONT TEAT PLACEMENT	-6.178	4.3551			
HOL TEAT LENGTH	IRL TEAT LENGTH	1.300	2.8818			
HOL REAR ATTACHMENT HEIGHT	IRL REAR UDDER HEIGHT	-8.781	3.9292			
HOL REAR TEAT PLACEMENT	IRL REAR TEAT PLACEMENT	-5.634	4.3166			
HOL ANGULARITY	IRL ANGULARITY	-12.402	8.2939			
HOL BODY CONDITION SCORE	IRL BODY CONDITION SCORE	106.546	5.4532			

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Conversion Factors For Type. Source = INTERBULL MACE 2004
 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		-4.889	5.9058	0.64
HOL FEET AND LEGS		ITA OVERALL FEET & LEG		-2.248	2.7411	
HOL MAMMARY SYSTEM		ITA OVERALL UDDER SCORE		-4.388	4.5710	
HOL STATURE		ITA STATURE		-4.010	4.5479	
HOL CHEST WIDTH		ITA STRENGTH		-0.652	3.5814	
HOL BODY DEPTH		ITA BODY DEPTH		-0.493	3.0063	
HOL PIN WIDTH		ITA RUMP WIDTH		-2.148	3.7489	
HOL RUMP ANGLE		ITA RUMP ANGLE		0.459	3.8614	
HOL FOOT ANGLE		ITA FOOT ANGLE		-1.901	3.3973	
HOL REAR LEGS SIDE VIEW		ITA REAR LEG SET		-0.257	3.6925	
HOL REAR LEG REAR VIEW		ITA REAR LEG REAR VIEW		-1.692	2.8208	
HOL UDDER DEPTH		ITA UDDER DEPTH		-3.335	3.6458	
HOL MEDIAN SUSPENSORY		ITA MEDIAN SUSPENSORY		-2.442	3.2667	
HOL FORE ATTACHMENT		ITA FORE UDDER		-3.713	3.5216	
HOL FRONT TEAT PLACEMENT		ITA FRONT TEAT PLACEMENT		-1.915	4.1945	
HOL TEAT LENGTH		ITA TEAT LENGTH		0.804	3.3953	
HOL REAR ATTACHMENT HEIGHT		ITA REAR UDDER HEIGHT		-3.801	3.1123	
HOL REAR TEAT PLACEMENT		ITA REAR TEAT PLACEMENT		-1.492	3.8856	
HOL ANGULARITY		ITA ANGULARITY		-4.171	4.4871	
HOL BODY CONDITION SCORE		ITA BODY CONDITION SCORE		17.389	0.8524	

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Conversion Factors For Type. Source = INTERBULL MACE 2004
 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		-6.553	8.8683	0.74
HOL FEET AND LEGS		JPN OVERALL FEET & LEG		-4.229	9.3210	
HOL MAMMARY SYSTEM		JPN OVERALL UDDER SCORE		-6.014	6.9310	
HOL STATURE		JPN STATURE		-5.005	4.3636	

HOL CHEST WIDTH	JPN CHEST WIDTH	-1.345	3.1009
HOL BODY DEPTH	JPN BODY DEPTH	-0.880	2.8355
HOL PIN WIDTH	JPN RUMP WIDTH	-2.939	4.0798
HOL RUMP ANGLE	JPN RUMP ANGLE	0.359	4.0953
HOL FOOT ANGLE	JPN FOOT ANGLE	-1.570	2.4400
HOL REAR LEGS SIDE VIEW	JPN REAR LEG SET	0.018	3.3840
HOL REAR LEG REAR VIEW	JPN REAR LEG REAR VIEW	-1.725	2.9591
HOL UDDER DEPTH	JPN UDDER DEPTH	-5.016	3.8299
HOL MEDIAN SUSPENSORY	JPN MEDIAN SUSPENSORY	-2.624	2.5488
HOL FORE ATTACHMENT	JPN FORE UDDER	-4.644	3.5631
HOL FRONT TEAT PLACEMENT	JPN FRONT TEAT PLACEMENT	-2.282	3.9292
HOL TEAT LENGTH	JPN TEAT LENGTH	1.071	3.5463
HOL REAR ATTACHMENT HEIGHT	JPN REAR UDDER HEIGHT	-5.088	3.4840
HOL REAR TEAT PLACEMENT	JPN REAR TEAT PLACEMENT	-1.753	3.9604
HOL ANGULARITY	JPN ANGULARITY	-4.003	3.7974
HOL BODY CONDITION SCORE	JPN BODY CONDITION SCORE	101.180	3.2976

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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	-10.000	0.6362	0.55		
HOL STATURE	KOR STATURE	-7.316	1.2508			
HOL CHEST WIDTH	KOR CHEST WIDTH	0.968	1.6129			
HOL BODY DEPTH	KOR BODY DEPTH	-0.697	1.1620			
HOL PIN WIDTH	KOR RUMP WIDTH	-2.963	1.4145			
HOL RUMP ANGLE	KOR RUMP ANGLE	-0.054	1.0907			
HOL FOOT ANGLE	KOR FOOT ANGLE	-3.854	3.3112			
HOL REAR LEGS SIDE VIEW	KOR REAR LEG SET	0.977	2.3171			
HOL REAR LEG REAR VIEW	KOR REAR LEG REAR VIEW	-2.419	2.4704			
HOL UDDER DEPTH	KOR UDDER DEPTH	-8.338	0.8977			
HOL MEDIAN SUSPENSORY	KOR MEDIAN SUSPENSORY	-5.721	1.7309			
HOL FORE ATTACHMENT	KOR FORE UDDER	-5.228	1.1766			
HOL TEAT PLACEMENT	KOR FRONT TEAT PLACEMENT	-5.841	1.6485			
HOL TEAT LENGTH	KOR TEAT LENGTH	2.103	1.0646			
HOL REAR ATTACHMENT HEIGHT	KOR REAR UDDER HEIGHT	-6.963	1.2929			
HOL REAR TEAT PLACEMENT	KOR REAR TEAT PLACEMENT	-3.847	2.5057			
HOL ANGULARITY	KOR ANGULARITY	-5.780	2.2159			
HOL BODY CONDITION SCORE	KOR BODY CONDITION SCORE	102.994	2.0530			

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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		-164.994	1.5755	0.58
HOL FEET AND LEGS		NLD OVERALL FEET & LEG		-92.306	0.9122	
HOL MAMMARY SYSTEM		NLD OVERALL UDDER SCORE		-116.500	1.1079	
HOL STATURE		NLD STATURE		-133.085	1.2797	
HOL CHEST WIDTH		NLD CHEST WIDTH		-116.322	1.1743	
HOL BODY DEPTH		NLD BODY DEPTH		-80.585	0.7973	
HOL PIN WIDTH		NLD PIN WIDTH		-116.251	1.1281	
HOL RUMP ANGLE		NLD RUMP ANGLE		-111.342	1.1440	
HOL FOOT ANGLE		NLD CLAW DIAGONAL		-103.690	1.0151	
HOL REAR LEGS SIDE VIEW		NLD REAR LEG SET		-106.607	1.0475	
HOL REAR LEG REAR VIEW		NLD REAR LEG REAR VIEW		-145.912	1.4724	
HOL UDDER DEPTH		NLD UDDER DEPTH		-110.715	1.0743	
HOL MEDIAN SUSPENSORY		NLD MEDIAN SUSPENSORY		-118.875	1.1328	
HOL FORE ATTACHMENT		NLD FORE UDDER		-110.199	1.0598	
HOL FRONT TEAT PLACEMENT		NLD FRONT TEAT PLACEMENT		-113.476	1.1227	
HOL TEAT LENGTH		NLD TEAT LENGTH		-97.385	0.9825	
HOL REAR ATTACHMENT HEIGHT		NLD REAR UDDER HEIGHT		-97.720	0.9315	
HOL REAR TEAT PLACEMENT		NLD REAR TEAT PLACEMENT		-118.473	1.1597	
HOL ANGULARITY		NLD ANGULARITY		-130.453	1.2321	
HOL BODY CONDITION SCORE		NLD BODY CONDITION SCORE		-11.923	1.1751	

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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		-24.063	12.8737	0.40
HOL MAMMARY SYSTEM		NZL OVERALL UDDER SCORE		-18.825	10.6764	
HOL STATURE		NZL STATURE		-29.457	11.0407	
HOL CHEST WIDTH		NZL CHEST WIDTH		-3.271	11.8755	
HOL BODY DEPTH		NZL BODY DEPTH		-3.625	9.8356	
HOL PIN WIDTH		NZL RUMP WIDTH		-15.115	16.5050	
HOL RUMP ANGLE		NZL RUMP ANGLE		-0.460	16.3599	
HOL REAR LEGS SIDE VIEW		NZL REAR LEG SET		4.729	25.3334	
HOL MEDIAN SUSPENSORY		NZL MEDIAN SUSPENSORY		-16.348	9.5107	

HOL FORE ATTACHMENT	NZL FORE UDDER	-12.920	11.0860
HOL FRONT TEAT PLACEMENT	NZL FRONT TEAT PLACEMENT	-11.203	18.0962
HOL REAR ATTACHMENT HEIGHT	NZL REAR UDDER HEIGHT	-14.618	10.4728
HOL REAR TEAT PLACEMENT	NZL REAR TEAT PLACEMENT	-12.727	12.5600
HOL BODY CONDITION SCORE	NZL BODY CONDITION SCORE	109.933	35.9305

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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		-56.477	0.4895	0.56
HOL FEET AND LEGS		POL OVERALL FEET & LEG		-41.506	0.3728	
HOL MAMMARY SYSTEM		POL OVERALL UDDER SCORE		-48.505	0.4217	
HOL STATURE		POL STATURE		-58.367	0.5308	
HOL CHEST WIDTH		POL CHEST WIDTH		-45.037	0.4480	
HOL BODY DEPTH		POL BODY DEPTH		-38.743	0.3788	
HOL PIN WIDTH		POL RUMP WIDTH		-51.517	0.4867	
HOL RUMP ANGLE		POL RUMP ANGLE		-51.644	0.5190	
HOL FOOT ANGLE		POL FOOT ANGLE		-45.306	0.4268	
HOL REAR LEGS SIDE VIEW		POL REAR LEG SET		-48.930	0.4872	
HOL REAR LEG REAR VIEW		POL REAR LEG REAR VIEW		-43.410	0.4130	
HOL UDDER DEPTH		POL UDDER DEPTH		-47.864	0.4416	
HOL MEDIAN SUSPENSORY		POL MEDIAN SUSPENSORY		-48.967	0.4460	
HOL FORE ATTACHMENT		POL FORE UDDER		-46.975	0.4218	
HOL FRONT TEAT PLACEMENT		POL FRONT TEAT PLACEMENT		-49.623	0.4732	
HOL TEAT LENGTH		POL TEAT LENGTH		-42.827	0.4358	
HOL REAR ATTACHMENT HEIGHT		POL REAR UDDER HEIGHT		-43.717	0.3874	
HOL REAR TEAT PLACEMENT		POL REAR TEAT PLACEMENT		-52.013	0.4953	
HOL ANGULARITY		POL ANGULARITY		-56.458	0.5049	

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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
	i	y	i	u	u	r

d	t	2	t	e	e	2
HOL CONFORMATION		PRT CONFORMATION		-8.196	17.5645	0.56
HOL FEET AND LEGS		PRT OVERALL FEET & LEG		-3.867	22.0631	
HOL MAMMARY SYSTEM		PRT OVERALL UDDER SCORE		-6.824	10.4550	
HOL STATURE		PRT STATURE		-8.521	4.1391	
HOL CHEST WIDTH		PRT CHEST WIDTH		-0.828	2.6406	
HOL BODY DEPTH		PRT BODY DEPTH		-0.515	2.2989	
HOL PIN WIDTH		PRT RUMP WIDTH		-4.415	3.0986	
HOL RUMP ANGLE		PRT RUMP ANGLE		1.123	3.1990	
HOL FOOT ANGLE		PRT FOOT ANGLE		-4.002	2.1639	
HOL REAR LEGS SIDE VIEW		PRT REAR LEG SET		-1.103	2.2139	
HOL REAR LEG REAR VIEW		PRT REAR LEG REAR VIEW		-2.344	1.9630	
HOL UDDER DEPTH		PRT UDDER DEPTH		-6.165	2.8916	
HOL MEDIAN SUSPENSORY		PRT MEDIAN SUSPENSORY		-6.168	2.9229	
HOL FORE ATTACHMENT		PRT FORE UDDER		-6.855	2.4933	
HOL TEAT PLACEMENT		PRT FRONT TEAT PLACEMENT		-5.080	3.5089	
HOL TEAT LENGTH		PRT TEAT LENGTH		1.260	2.4406	
HOL REAR ATTACHMENT HEIGHT		PRT REAR UDDER HEIGHT		-8.265	3.0578	
HOL REAR TEAT PLACEMENT		PRT REAR TEAT PLACEMENT		-4.572	3.5138	
HOL ANGULARITY		PRT ANGULARITY		-9.858	4.4177	
HOL BODY CONDITION SCORE		PRT BODY CONDITION SCORE		103.696	2.5511	

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Conversion Factors For Type. Source = INTERBULL MACE 2004
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		-42.492	0.2842	0.58
HOL FEET AND LEGS		SVN OVERALL FEET & LEG		-25.113	0.1795	
HOL MAMMARY SYSTEM		SVN OVERALL UDDER SCORE		-38.680	0.2618	
HOL STATURE		SVN STATURE		-45.974	0.3391	
HOL CHEST WIDTH		SVN CHEST WIDTH		-26.511	0.2481	
HOL BODY DEPTH		SVN BODY DEPTH		-24.784	0.2190	
HOL PIN WIDTH		SVN RUMP WIDTH		-29.532	0.2457	
HOL RUMP ANGLE		SVN RUMP ANGLE		-31.315	0.3180	
HOL FOOT ANGLE		SVN FOOT ANGLE		-26.393	0.2192	
HOL REAR LEGS SIDE VIEW		SVN REAR LEG SET		-25.046	0.2501	
HOL REAR LEG REAR VIEW		SVN REAR LEG REAR VIEW		-24.509	0.2097	
HOL UDDER DEPTH		SVN UDDER DEPTH		-38.745	0.3075	
HOL MEDIAN SUSPENSORY		SVN MEDIAN SUSPENSORY		-33.580	0.2477	
HOL FORE ATTACHMENT		SVN FORE UDDER		-31.521	0.2237	
HOL TEAT PLACEMENT		SVN FRONT TEAT PLACEMENT		-41.176	0.3335	
HOL TEAT LENGTH		SVN TEAT LENGTH		-24.566	0.2679	
HOL REAR ATTACHMENT HEIGHT		SVN REAR UDDER HEIGHT		-39.610	0.2908	
HOL REAR TEAT PLACEMENT		SVN REAR TEAT PLACEMENT		-44.384	0.3649	
HOL ANGULARITY		SVN ANGULARITY		-33.597	0.2209	

HOL BODY CONDITION SCORE SVN BODY CONDITION SCORE 83.990 0.2155

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Conversion Factors For Type. Source = INTERBULL MACE 2004
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=USA

	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		USA PTA TYPE (FINAL SCORE)		-1.137	5.1246	0.67
HOL FEET AND LEGS		USA FEET & LEGS SCORE		-0.985	3.9138	
HOL MAMMARY SYSTEM		USA UDDER COMPOSITE		0.017	4.3344	
HOL STATURE		USA STATURE		-2.154	4.3863	
HOL CHEST WIDTH		USA STRENGTH		0.198	4.2349	
HOL BODY DEPTH		USA BODY DEPTH		-0.617	3.2328	
HOL PIN WIDTH		USA THURL WIDTH		-0.588	4.0573	
HOL RUMP ANGLE		USA RUMP ANGLE		-0.666	4.0743	
HOL FOOT ANGLE		USA FOOT ANGLE		-0.576	3.9448	
HOL REAR LEGS SIDE VIEW		USA REAR LEGS - SIDE VIEW		0.031	3.7243	
HOL REAR LEG REAR VIEW		USA REAR LEGS - REAR VIEW		0.083	3.4034	
HOL UDDER DEPTH		USA UDDER DEPTH		0.168	3.5419	
HOL MEDIAN SUSPENSORY		USA UDDER CLEFT		-1.078	3.3517	
HOL FORE ATTACHMENT		USA FORE ATTACHMENT		0.246	3.4692	
HOL FRONT TEAT PLACEMENT		USA FRONT TEAT PLACEMENT		0.590	3.9719	
HOL TEAT LENGTH		USA TEAT LENGTH		-0.334	3.6283	
HOL REAR ATTACHMENT HEIGHT		USA REAR UDDER HEIGHT		-0.489	2.9223	
HOL REAR TEAT PLACEMENT		USA REAR TEAT PLACEMENT		-0.283	3.7124	
HOL ANGULARITY		USA DAIRY FORM		-2.754	4.6453	
HOL BODY CONDITION SCORE		USA BODY CONDITION SCORE		101.053	-3.4354	

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Conversion Factors For Type. Source = INTERBULL MACE 2004
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=ZAF

	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 STATURE		ZAF STATURE		-6.192	6.9796	

HOL CHEST WIDTH	ZAF CHEST WIDTH	-0.593	6.6202
HOL BODY DEPTH	ZAF BODY DEPTH	-0.780	5.4434
HOL PIN WIDTH	ZAF RUMP WIDTH	-2.527	5.5288
HOL RUMP ANGLE	ZAF RUMP ANGLE	0.623	6.4182
HOL FOOT ANGLE	ZAF FOOT ANGLE	-2.832	6.2501
HOL REAR LEGS SIDE VIEW	ZAF REAR LEG SET	0.109	5.8731
HOL REAR LEG REAR VIEW	ZAF REAR LEG REAR VIEW	-1.602	5.1739
HOL UDDER DEPTH	ZAF UDDER DEPTH	-3.801	5.5755
HOL MEDIAN SUSPENSORY	ZAF MEDIAN SUSPENSORY	-3.435	4.5319
HOL FORE ATTACHMENT	ZAF FORE UDDER	-3.543	5.4934
HOL TEAT PLACEMENT	ZAF FRONT TEAT PLACEMENT	-1.434	6.8517
HOL TEAT LENGTH	ZAF TEAT LENGTH	0.749	5.5204
HOL REAR ATTACHMENT HEIGHT	ZAF REAR UDDER HEIGHT	-4.969	5.1337
HOL REAR TEAT PLACEMENT	ZAF REAR TEAT PLACEMENT	-1.682	9.6011
HOL ANGULARITY	ZAF ANGULARITY	-5.708	6.4446

CALCULATION OF FAT% AND PROTEIN% FOR APRIL 2020

BREED	BMILK	BFAT	BPRT
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AYS	7954	332	270
BSW	8543	365	305
CN	6174	262	221
GUE	6981	334	244
JER	6880	354	267
HOL	10563	416	343
MS	7056	274	233

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

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

EXAMPLE:

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

$$\begin{aligned}
 EBVFAT\% &= 200 * [(416+50*.5) / (10563+1000*.5) - (416/11E3)] \\
 &= 200 * [(416+25) / (10563+500) - (0.03938)] \\
 &= 200 * [0.03986 - 0.03938] \\
 &= 200 * 0.00048 \\
 &= 0.10
 \end{aligned}$$

$$\begin{aligned}
 EBVPROT\% &= 200 * [(343+40*.5) / (10563+1000*.5) - (343/11E3)] \\
 &= 200 * [(343+20) / (10563+500) - (0.03247)] \\
 &= 200 * [0.03281 - 0.03247] \\
 &= 200 * 0.00034 \\
 &= 0.07
 \end{aligned}$$