

-----  
 -  
 Conversion Factors For Production Traits. Source: INTERBULL 2304  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = PCORR2\*Foreign Reliability

breed	country2	amilk	bmilk	afat	bfat	aprot	bprot	pcorr2
HOL	AUS	-844.60	1.5130	-25.600	1.7140	-19.800	1.4270	0.4356
HOL	BEL	-772.90	1.6880	-31.400	1.6550	-17.700	1.7870	0.6561
HOL	CHE	-1005.30	1.2740	-22.400	1.2000	-22.200	1.2360	0.7225
HOL	CZE	-86.00	1.1190	-6.600	1.4770	3.300	1.3610	0.6084
HOL	DEU	152.50	1.1870	5.800	1.2080	12.900	1.1910	0.8281
HOL	DFS	-6883.90	68.4860	-271.800	2.8280	-190.000	2.0700	0.8281
HOL	ESP	-308.10	1.4270	-25.000	1.4730	-14.400	1.4610	0.8100
HOL	EST	-277.90	1.2860	-5.400	1.3110	-1.900	1.2010	0.6561
HOL	FRA	73.80	1.1510	-3.000	1.1390	10.600	1.1540	0.7569
HOL	GBR	-377.50	2.4220	-4.400	2.7630	-4.300	2.6610	0.7056
HOL	HRV	-5269.71	47.1878	-194.658	1.7687	-138.073	1.3004	0.4096
HOL	HUN	-51.20	0.8810	-11.000	0.8970	-2.700	0.8090	0.6561
HOL	IRL	-1950.20	4.0850	-55.900	3.8690	-48.200	3.5430	0.5625
HOL	ISR	-169.60	1.6530	4.200	1.6270	3.300	1.7740	0.6084
HOL	ITA	13.50	1.1180	-5.100	1.1240	2.700	1.0530	0.7225
HOL	JPN	110.80	1.2440	-11.600	1.2540	-1.600	1.2770	0.8100
HOL	KOR	-347.10	1.4650	-28.700	1.5100	-20.000	1.5160	0.6724
HOL	LTU	-1887.60	1.7900	-51.700	1.5840	-54.800	1.8230	0.4356
HOL	LVA	-553.60	1.6070	-18.200	1.5100	-11.600	1.6640	0.5184
HOL	NLD	-9.40	1.0690	12.400	1.0560	19.300	1.0530	0.7569
HOL	NZL	-2861.30	1.6490	-47.900	1.3550	-54.800	1.2950	0.3481
HOL	POL	-389.80	1.7450	-15.700	1.6990	-7.200	1.8170	0.7056
HOL	PRT	-120.10	1.2000	-19.200	1.4410	-7.000	1.2430	0.5184
HOL	SVK	-492.68	1.6192	-15.093	1.5457	-10.871	1.5958	0.5625
HOL	SVN	-7157.40	64.2550	-289.600	2.5940	-233.200	2.1080	0.5625
HOL	URY	-513.50	3.4274	-19.496	3.6063	-6.994	2.8022	0.4096
HOL	USA	56.80	1.0280	-2.700	1.1230	1.400	1.1720	0.8100
HOL	ZAF	-383.90	1.2349	-14.331	1.1911	-9.476	1.1715	0.5929

-----  
 -  
 Conversion Factors For SCS Traits. Source: INTERBULL 2304  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = SCORR2\*Foreign Reliability

breed	country2	a	b	scorr2
HOL	AUS	94.100	-17.2790	0.6400
HOL	BEL	128.600	-10.1230	0.8464
HOL	CHE	55.500	0.4330	0.8100
HOL	CZE	64.800	0.3360	0.7569
HOL	DEU	59.300	0.4080	0.8836
HOL	DFS	57.600	0.4460	0.8649
HOL	ESP	49.400	0.4790	0.8649
HOL	EST	72.100	0.2670	0.7921
HOL	FRA	99.700	4.7320	0.8836
HOL	GBR	99.200	-0.3960	0.8836
HOL	HRV	58.477	0.3851	0.6241
HOL	HUN	98.500	-3.5420	0.7744

HOL	IRL	94.700	-36.6420	0.6400
HOL	ISR	98.700	-20.2520	0.7396
HOL	ITA	10.800	0.8820	0.8100
HOL	JPN	120.700	-11.8770	0.7225
HOL	KOR	98.446	-15.3471	0.7744
HOL	LTU	97.600	-13.2720	0.6724
HOL	LVA	97.000	-0.0110	0.7396
HOL	NLD	-11.500	1.1210	0.8281
HOL	NZL	95.400	-10.8300	0.5776
HOL	POL	51.300	0.4660	0.8100
HOL	PRT	97.900	-11.1400	0.6084
HOL	SVK	132.630	-12.0127	0.7225
HOL	SVN	51.500	0.4460	0.6241
HOL	URY	96.920	-22.8611	0.6241
HOL	USA	177.400	-26.1930	0.8836
HOL	ZAF	98.734	-0.1960	0.8100

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=AUS

	c	c	f			
	a	o	o		b	t
b	n	u	r	a	v	c
r	r	t	r	a	v	o
e	a	r	a	l	l	r
e	i	y	i	u	u	r
d	t	2	t	e	e	2
HOL CONFORMATION	AUS	GENERAL APPEARANCE	-6.783	3.4023	0.37	
HOL FEET AND LEGS	AUS	OVERALL FEET & LEG	-3.894	3.1405		
HOL MAMMARY SYSTEM	AUS	OVERALL UDDER SCORE	-9.373	3.8552		
HOL STATURE	AUS	STATURE	-7.198	7.7158		
HOL CHEST WIDTH	AUS	CHEST WIDTH	1.510	9.8638		
HOL BODY DEPTH	AUS	BODY DEPTH	3.215	8.0888		
HOL PIN WIDTH	AUS	PIN WIDTH	-2.628	9.7638		
HOL RUMP ANGLE	AUS	RUMP ANGLE	1.413	8.4671		
HOL FOOT ANGLE	AUS	FOOT ANGLE	-4.353	12.5040		
HOL REAR LEGS SIDE VIEW	AUS	REAR LEG SET	0.341	12.9336		
HOL REAR LEG REAR VIEW	AUS	REAR LEG REAR VIEW	-2.856	16.0861		
HOL UDDER DEPTH	AUS	UDDER DEPTH	-7.898	7.5174		
HOL MEDIAN SUSPENSORY	AUS	MEDIAN SUSPENSORY	-5.169	13.5941		
HOL FORE ATTACHMENT	AUS	FORE UDDER	-5.931	11.1461		
HOL FRONT TEAT PLACEMENT	AUS	FRONT TEAT PLACEMENT	-3.676	9.2016		
HOL TEAT LENGTH	AUS	TEAT LENGTH	2.784	6.6372		
HOL REAR ATTACHMENT HEIGHT	AUS	REAR UDDER HEIGHT	-8.260	11.1928		
HOL REAR TEAT PLACEMENT	AUS	REAR TEAT PLACEMENT	-3.116	12.4347		
HOL ANGULARITY	AUS	ANGULARITY	-5.639	9.2042		

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
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		-3.909	2.5629	0.45
HOL FEET AND LEGS		BEL OVERALL FEET & LEG		-1.390	1.7289	
HOL MAMMARY SYSTEM		BEL OVERALL UDDER SCORE		-5.003	3.6694	
HOL STATURE		BEL STATURE		-3.029	4.5564	
HOL CHEST WIDTH		BEL CHEST WIDTH		0.360	3.1608	
HOL BODY DEPTH		BEL BODY DEPTH		1.393	3.0189	
HOL PIN WIDTH		BEL RUMP WIDTH		-1.241	3.6865	
HOL RUMP ANGLE		BEL RUMP ANGLE		1.636	4.0477	
HOL FOOT ANGLE		BEL FOOT ANGLE		-1.308	2.9921	
HOL REAR LEGS SIDE VIEW		BEL REAR LEG SET		-0.347	3.1359	
HOL REAR LEG REAR VIEW		BEL REAR LEG REAR VIEW		-0.565	3.1842	
HOL UDDER DEPTH		BEL UDDER DEPTH		-3.926	3.6760	
HOL MEDIAN SUSPENSORY		BEL MEDIAN SUSPENSORY		-2.963	2.9213	
HOL FORE ATTACHMENT		BEL FORE UDDER		-4.141	2.7401	
HOL TEAT PLACEMENT		BEL FRONT TEAT PLACEMENT		-3.319	3.9894	
HOL TEAT LENGTH		BEL TEAT LENGTH		2.100	3.3602	
HOL REAR ATTACHMENT HEIGHT		BEL REAR UDDER HEIGHT		-4.637	4.0100	
HOL REAR TEAT PLACEMENT		BEL REAR TEAT PLACEMENT		-2.865	4.1823	
HOL ANGULARITY		BEL ANGULARITY		-3.846	4.3731	
HOL BODY CONDITION SCORE		BEL BODY CONDITION SCORE		103.010	4.4886	

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
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		-44.958	0.4205	0.69
HOL FEET AND LEGS		CHE OVERALL FEET & LEG		-37.882	0.3666	
HOL MAMMARY SYSTEM		CHE OVERALL UDDER SCORE		-50.898	0.4674	
HOL STATURE		CHE STATURE		-49.306	0.4598	
HOL CHEST WIDTH		CHE CHEST WIDTH		-43.756	0.4400	
HOL BODY DEPTH		CHE BODY DEPTH		-42.072	0.4240	
HOL PIN WIDTH		CHE RUMP WIDTH		-48.301	0.4712	
HOL RUMP ANGLE		CHE RUMP ANGLE		-49.324	0.5063	

HOL FOOT ANGLE	CHE FOOT ANGLE	-51.788	0.5022
HOL REAR LEGS SIDE VIEW	CHE REAR LEG SET	-44.336	0.4536
HOL REAR LEG REAR VIEW	CHE REAR LEG REAR VIEW	-40.747	0.3952
HOL UDDER DEPTH	CHE UDDER DEPTH	-42.324	0.4040
HOL MEDIAN SUSPENSORY	CHE MEDIAN SUSPENSORY	-48.826	0.4536
HOL FORE ATTACHMENT	CHE FORE UDDER	-43.923	0.4137
HOL FRONT TEAT PLACEMENT	CHE FRONT TEAT PLACEMENT	-51.782	0.4936
HOL TEAT LENGTH	CHE TEAT LENGTH	-39.759	0.4060
HOL REAR ATTACHMENT HEIGHT	CHE REAR UDDER HEIGHT	-50.319	0.4712
HOL REAR TEAT PLACEMENT	CHE REAR TEAT PLACEMENT	-53.005	0.5034
HOL ANGULARITY	CHE ANGULARITY	-55.188	0.5019
HOL BODY CONDITION SCORE	CHE BODY CONDITION SCORE	54.555	0.4823

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
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	t	n	t	v	v	c
r	r	t	r	a	a	o
e	a	r	a	l	l	r
e	i	y	i	u	u	r
d	t	2	t	e	e	2
HOL CONFORMATION	CZE OVERALL SCORE	-37.023	0.3354	0.62		
HOL FEET AND LEGS	CZE OVERALL FEET & LEG	-22.038	0.2055			
HOL MAMMARY SYSTEM	CZE OVERALL UDDER SCORE	-46.067	0.4181			
HOL STATURE	CZE STATURE	-42.180	0.3885			
HOL CHEST WIDTH	CZE CHEST WIDTH	-39.456	0.3922			
HOL BODY DEPTH	CZE BODY DEPTH	-33.116	0.3266			
HOL PIN WIDTH	CZE RUMP WIDTH	-38.982	0.3652			
HOL RUMP ANGLE	CZE RUMP ANGLE	-39.265	0.3962			
HOL FOOT ANGLE	CZE FOOT ANGLE	-40.094	0.3869			
HOL REAR LEGS SIDE VIEW	CZE REAR LEG SET	-35.888	0.3589			
HOL REAR LEG REAR VIEW	CZE REAR LEG REAR VIEW	-34.961	0.3353			
HOL UDDER DEPTH	CZE UDDER DEPTH	-41.335	0.3826			
HOL MEDIAN SUSPENSORY	CZE MEDIAN SUSPENSORY	-37.850	0.3539			
HOL FORE ATTACHMENT	CZE FORE UDDER	-39.138	0.3504			
HOL FRONT TEAT PLACEMENT	CZE FRONT TEAT PLACEMENT	-44.610	0.4352			
HOL TEAT LENGTH	CZE TEAT LENGTH	-33.062	0.3429			
HOL REAR ATTACHMENT HEIGHT	CZE REAR UDDER HEIGHT	-42.518	0.3763			
HOL REAR TEAT PLACEMENT	CZE REAR TEAT PLACEMENT	-41.709	0.4016			
HOL ANGULARITY	CZE ANGULARITY	-48.872	0.4346			
HOL BODY CONDITION SCORE	CZE BODY CONDITION SCORE	62.102	0.4067			

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=DEU

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

HOL FEET AND LEGS	DEU OVERALL FEET & LEG	-32.305	0.3179
HOL MAMMARY SYSTEM	DEU OVERALL UDDER SCORE	-39.830	0.3765
HOL STATURE	DEU STATURE	-40.912	0.3800
HOL CHEST WIDTH	DEU CHEST WIDTH	-45.893	0.4484
HOL BODY DEPTH	DEU BODY DEPTH	-41.806	0.4123
HOL PIN WIDTH	DEU RUMP WIDTH	-49.973	0.4786
HOL RUMP ANGLE	DEU RUMP ANGLE	-46.885	0.4790
HOL FOOT ANGLE	DEU FOOT ANGLE	-46.926	0.4591
HOL REAR LEGS SIDE VIEW	DEU REAR LEG SET	-46.724	0.4650
HOL REAR LEG REAR VIEW	DEU REAR LEG REAR VIEW	-51.614	0.5183
HOL UDDER DEPTH	DEU UDDER DEPTH	-36.541	0.3511
HOL MEDIAN SUSPENSORY	DEU MEDIAN SUSPENSORY	-49.515	0.4666
HOL FORE ATTACHMENT	DEU FORE UDDER	-42.859	0.4092
HOL FRONT TEAT PLACEMENT	DEU FRONT TEAT PLACEMENT	-41.540	0.3984
HOL TEAT LENGTH	DEU TEAT LENGTH	-33.098	0.3573
HOL REAR ATTACHMENT HEIGHT	DEU REAR UDDER HEIGHT	-38.947	0.3664
HOL REAR TEAT PLACEMENT	DEU REAR TEAT PLACEMENT	-42.234	0.3958
HOL ANGULARITY	DEU ANGULARITY	-45.564	0.4312
HOL BODY CONDITION SCORE	DEU BODY CONDITION SCORE	61.016	0.4020

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=DFS

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

HOL CONFORMATION	DFS OVERALL CONFORMATION	-48.796	0.3867	0.48
HOL FEET AND LEGS	DFS OVERALL FEET & LEG	-32.058	0.3080	
HOL MAMMARY SYSTEM	DFS OVERALL UDDER SCORE	-46.836	0.4303	
HOL STATURE	DFS STATURE	-50.662	0.4556	
HOL CHEST WIDTH	DFS CHEST WIDTH	-50.264	0.4666	
HOL BODY DEPTH	DFS BODY DEPTH	-47.101	0.4284	
HOL PIN WIDTH	DFS RUMP WIDTH	-48.146	0.4379	
HOL RUMP ANGLE	DFS RUMP ANGLE	-50.448	0.5095	
HOL FOOT ANGLE	DFS FOOT ANGLE	-51.044	0.4822	
HOL REAR LEGS SIDE VIEW	DFS REAR LEG SET	-41.381	0.4278	
HOL REAR LEG REAR VIEW	DFS REAR LEG REAR VIEW	-47.423	0.4545	
HOL UDDER DEPTH	DFS UDDER DEPTH	-39.694	0.3993	

HOL MEDIAN SUSPENSORY	DFS MEDIAN SUSPENSORY	-43.453	0.3724
HOL FORE ATTACHMENT	DFS FORE UDDER	-45.180	0.4162
HOL FRONT TEAT PLACEMENT	DFS FRONT TEAT PLACEMENT	-52.877	0.5166
HOL TEAT LENGTH	DFS TEAT LENGTH	-41.493	0.4413
HOL REAR ATTACHMENT HEIGHT	DFS REAR UDDER HEIGHT	-44.549	0.4029
HOL REAR TEAT PLACEMENT	DFS REAR TEAT PLACEMENT	-55.128	0.5152
HOL ANGULARITY	DFS DAIRY FORM	-68.166	0.6063
HOL BODY CONDITION SCORE	DFS BODY CONDITION SCORE	58.052	0.4544

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
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	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	-4.020	5.0002	0.56		
HOL FEET AND LEGS	ESP OVERALL FEET & LEG	-2.099	3.9769			
HOL MAMMARY SYSTEM	ESP OVERALL UDDER SCORE	-6.142	5.1972			
HOL STATURE	ESP STATURE	-4.592	5.7852			
HOL CHEST WIDTH	ESP CHEST WIDTH	-0.578	5.2118			
HOL BODY DEPTH	ESP BODY DEPTH	1.227	4.8928			
HOL PIN WIDTH	ESP PIN WIDTH	-1.887	5.4394			
HOL RUMP ANGLE	ESP RUMP ANGLE	0.349	5.0922			
HOL FOOT ANGLE	ESP FOOT ANGLE	-1.738	5.7293			
HOL REAR LEGS SIDE VIEW	ESP REAR LEG SET	0.108	4.5319			
HOL REAR LEG REAR VIEW	ESP REAR LEG REAR VIEW	-0.892	5.1940			
HOL UDDER DEPTH	ESP UDDER DEPTH	-5.757	4.4987			
HOL MEDIAN SUSPENSORY	ESP MEDIAN SUSPENSORY	-3.520	5.6208			
HOL FORE ATTACHMENT	ESP FORE UDDER	-5.225	5.3529			
HOL FRONT TEAT PLACEMENT	ESP FRONT TEAT PLACEMENT	-3.345	6.0429			
HOL TEAT LENGTH	ESP TEAT LENGTH	2.475	4.4012			
HOL REAR ATTACHMENT HEIGHT	ESP REAR UDDER HEIGHT	-5.758	5.6232			
HOL REAR TEAT PLACEMENT	ESP REAR TEAT PLACEMENT	-3.191	6.4954			
HOL ANGULARITY	ESP ANGULARITY	-4.080	7.4505			
HOL BODY CONDITION SCORE	ESP BODY CONDITION SCORE	101.577	5.4404			

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
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	-32.910	0.2619	0.37
HOL FEET AND LEGS	EST OVERALL FEET & LEG	-16.047	0.1451	
HOL MAMMARY SYSTEM	EST OVERALL UDDER SCORE	-44.545	0.3622	
HOL STATURE	EST STATURE	-39.601	0.3356	
HOL CHEST WIDTH	EST CHEST WIDTH	-23.141	0.2252	
HOL BODY DEPTH	EST BODY DEPTH	-27.458	0.2759	
HOL PIN WIDTH	EST RUMP WIDTH	-35.108	0.3192	
HOL RUMP ANGLE	EST RUMP ANGLE	-29.445	0.3056	
HOL FOOT ANGLE	EST FOOT ANGLE	-25.681	0.2284	
HOL REAR LEGS SIDE VIEW	EST REAR LEG SET	-23.654	0.2423	
HOL REAR LEG REAR VIEW	EST REAR LEG REAR VIEW	-20.666	0.2001	
HOL UDDER DEPTH	EST UDDER DEPTH	-39.495	0.3312	
HOL MEDIAN SUSPENSORY	EST MEDIAN SUSPENSORY	-29.788	0.2527	
HOL FORE ATTACHMENT	EST FORE UDDER	-32.558	0.2582	
HOL FRONT TEAT PLACEMENT	EST FRONT TEAT PLACEMENT	-34.174	0.3057	
HOL TEAT LENGTH	EST TEAT LENGTH	-24.892	0.2738	
HOL REAR ATTACHMENT HEIGHT	EST REAR UDDER HEIGHT	-34.572	0.2765	
HOL REAR TEAT PLACEMENT	EST REAR TEAT PLACEMENT	-39.330	0.3559	
HOL ANGULARITY	EST ANGULARITY	-20.678	0.1642	
HOL BODY CONDITION SCORE	EST BODY CONDITION SCORE	70.709	0.3190	

-----  
 -  
 Conversion Factors For Type. Source = INTERBULL MACE 2304  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 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	-1.512	4.8841
HOL CHEST WIDTH	FRA CHEST DEPTH	1.294	4.5319
HOL BODY DEPTH	FRA BODY DEPTH	1.340	3.2592
HOL PIN WIDTH	FRA RUMP WIDTH	-0.325	4.9151
HOL RUMP ANGLE	FRA RUMP ANGLE	1.483	5.4320
HOL FOOT ANGLE	FRA HEEL DEPTH	-0.622	5.5186
HOL REAR LEGS SIDE VIEW	FRA REAR LEG SET	0.127	4.8632
HOL REAR LEG REAR VIEW	FRA REAR LEG REAR VIEW	-0.727	4.9869
HOL UDDER DEPTH	FRA UDDER DEPTH	-2.151	4.2493
HOL MEDIAN SUSPENSORY	FRA MEDIAN SUSPENSORY	-2.323	4.2528
HOL FORE ATTACHMENT	FRA FORE UDDER	-3.034	4.7414
HOL FRONT TEAT PLACEMENT	FRA FRONT TEAT PLACEMENT	-1.902	5.3578
HOL TEAT LENGTH	FRA TEAT LENGTH	2.542	4.7615
HOL REAR ATTACHMENT HEIGHT	FRA REAR UDDER HEIGHT	-3.577	4.2709
HOL REAR TEAT PLACEMENT	FRA REAR TEAT PLACEMENT	-2.049	5.7046

HOL ANGULARITY	FRA ANGULARITY	-3.132	6.3182
HOL BODY CONDITION SCORE	FRA BODY CONDITION SCORE	102.035	5.7062

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
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		-2.662	3.8888	
HOL STATURE		GBR STATURE		-2.251	4.4779	
HOL CHEST WIDTH		GBR CHEST WIDTH		-0.882	3.5766	
HOL BODY DEPTH		GBR BODY DEPTH		0.839	3.4226	
HOL PIN WIDTH		GBR RUMP WIDTH		-0.985	4.1021	
HOL RUMP ANGLE		GBR RUMP ANGLE		0.229	4.1071	
HOL FOOT ANGLE		GBR FOOT ANGLE		-1.425	3.8452	
HOL REAR LEGS SIDE VIEW		GBR REAR LEG SET		0.035	3.6658	
HOL REAR LEG REAR VIEW		GBR REAR LEG REAR VIEW		-0.504	2.5927	
HOL UDDER DEPTH		GBR UDDER DEPTH		-1.546	4.0767	
HOL MEDIAN SUSPENSORY		GBR MEDIAN SUSPENSORY		-1.692	3.6771	
HOL FORE ATTACHMENT		GBR FORE UDDER		-1.641	4.0009	
HOL TEAT PLACEMENT		GBR FRONT TEAT PLACEMENT		-0.952	4.2846	
HOL TEAT LENGTH		GBR TEAT LENGTH		1.213	3.7833	
HOL REAR ATTACHMENT HEIGHT		GBR REAR UDDER HEIGHT		-2.664	3.1788	
HOL REAR TEAT PLACEMENT		GBR REAR TEAT PLACEMENT		-0.901	4.0457	
HOL ANGULARITY		GBR ANGULARITY		-2.888	4.8726	
HOL BODY CONDITION SCORE		GBR BODY CONDITION SCORE		100.844	3.6332	

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
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		-3.555	3.7892	0.46
HOL FEET AND LEGS		HUN OVERALL FEET & LEG		-1.697	1.8451	



HOL MAMMARY SYSTEM	HUN OVERALL UDDER SCORE	-4.821	4.4506
HOL STATURE	HUN STATURE	-4.081	5.4234
HOL CHEST WIDTH	HUN CHEST WIDTH	-0.451	4.7156
HOL BODY DEPTH	HUN BODY DEPTH	0.560	4.3643
HOL PIN WIDTH	HUN RUMP WIDTH	-1.949	5.1739
HOL RUMP ANGLE	HUN RUMP ANGLE	0.238	5.4750
HOL FOOT ANGLE	HUN FOOT ANGLE	-1.335	5.4274
HOL REAR LEGS SIDE VIEW	HUN REAR LEG SET	0.021	5.1330
HOL REAR LEG REAR VIEW	HUN REAR LEG REAR VIEW	-0.993	4.3317
HOL UDDER DEPTH	HUN UDDER DEPTH	-4.147	5.0175
HOL MEDIAN SUSPENSORY	HUN MEDIAN SUSPENSORY	-2.441	4.7337
HOL FORE ATTACHMENT	HUN FORE UDDER	-3.941	4.7845
HOL FRONT TEAT PLACEMENT	HUN FRONT TEAT PLACEMENT	-2.188	5.9553
HOL TEAT LENGTH	HUN TEAT LENGTH	2.974	4.1113
HOL REAR ATTACHMENT HEIGHT	HUN REAR UDDER HEIGHT	-5.030	4.8765
HOL REAR TEAT PLACEMENT	HUN REAR TEAT PLACEMENT	-1.722	5.3179
HOL ANGULARITY	HUN ANGULARITY	-3.995	4.5014
HOL BODY CONDITION SCORE	HUN BODY CONDITION SCORE	101.694	5.5300

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
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	-13.128	4.6249	0.42		
HOL FEET AND LEGS	IRL OVERALL FEET & LEG	-4.843	2.4276			
HOL MAMMARY SYSTEM	IRL OVERALL UDDER SCORE	-13.348	4.8540			
HOL STATURE	IRL STATURE	-11.204	6.4728			
HOL CHEST WIDTH	IRL CHEST WIDTH	-0.665	3.6417			
HOL BODY DEPTH	IRL BODY DEPTH	0.368	3.7335			
HOL PIN WIDTH	IRL RUMP WIDTH	-5.721	2.8393			
HOL RUMP ANGLE	IRL RUMP ANGLE	0.067	3.1232			
HOL FOOT ANGLE	IRL FOOT ANGLE	-6.361	3.6166			
HOL REAR LEGS SIDE VIEW	IRL REAR LEG SET	0.314	2.6752			
HOL REAR LEG REAR VIEW	IRL REAR LEG REAR VIEW	-4.321	2.4757			
HOL UDDER DEPTH	IRL UDDER DEPTH	-9.024	3.6073			
HOL MEDIAN SUSPENSORY	IRL MEDIAN SUSPENSORY	-9.191	4.2898			
HOL FORE ATTACHMENT	IRL FORE UDDER	-9.491	3.5492			
HOL TEAT PLACEMENT	IRL FRONT TEAT PLACEMENT	-7.663	4.3539			
HOL TEAT LENGTH	IRL TEAT LENGTH	2.993	2.8508			
HOL REAR ATTACHMENT HEIGHT	IRL REAR UDDER HEIGHT	-10.370	3.7134			
HOL REAR TEAT PLACEMENT	IRL REAR TEAT PLACEMENT	-6.210	4.5367			
HOL ANGULARITY	IRL ANGULARITY	-13.090	8.8692			
HOL BODY CONDITION SCORE	IRL BODY CONDITION SCORE	106.482	5.5559			

Conversion Factors For Type. Source = INTERBULL MACE 2304  
 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		-2.944	4.6288	0.49
HOL FEET AND LEGS		ITA OVERALL FEET & LEG		-1.239	1.9533	
HOL MAMMARY SYSTEM		ITA OVERALL UDDER SCORE		-3.120	4.1229	
HOL STATURE		ITA STATURE		-3.180	4.2464	
HOL CHEST WIDTH		ITA STRENGTH		-0.204	3.4615	
HOL BODY DEPTH		ITA BODY DEPTH		0.730	2.9811	
HOL PIN WIDTH		ITA RUMP WIDTH		-1.586	3.5257	
HOL RUMP ANGLE		ITA RUMP ANGLE		0.374	3.9842	
HOL FOOT ANGLE		ITA FOOT ANGLE		-1.360	3.5742	
HOL REAR LEGS SIDE VIEW		ITA REAR LEG SET		0.325	3.5710	
HOL REAR LEG REAR VIEW		ITA REAR LEG REAR VIEW		-1.222	2.9340	
HOL UDDER DEPTH		ITA UDDER DEPTH		-3.403	3.6096	
HOL MEDIAN SUSPENSORY		ITA MEDIAN SUSPENSORY		-1.754	3.0612	
HOL FORE ATTACHMENT		ITA FORE UDDER		-3.548	3.4127	
HOL FRONT TEAT PLACEMENT		ITA FRONT TEAT PLACEMENT		-1.838	4.3609	
HOL TEAT LENGTH		ITA TEAT LENGTH		1.553	3.4292	
HOL REAR ATTACHMENT HEIGHT		ITA REAR UDDER HEIGHT		-3.983	3.0045	
HOL REAR TEAT PLACEMENT		ITA REAR TEAT PLACEMENT		-1.450	3.9356	
HOL ANGULARITY		ITA ANGULARITY		-3.606	4.5141	
HOL BODY CONDITION SCORE		ITA BODY CONDITION SCORE		19.051	0.8362	

-----  
 -  
 Conversion Factors For Type. Source = INTERBULL MACE 2304  
 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		-3.371	7.1815	0.55
HOL FEET AND LEGS		JPN OVERALL FEET & LEG		-2.154	5.8770	
HOL MAMMARY SYSTEM		JPN OVERALL UDDER SCORE		-4.929	7.2851	
HOL STATURE		JPN STATURE		-2.756	4.1519	
HOL CHEST WIDTH		JPN CHEST WIDTH		-0.242	2.9645	

HOL BODY DEPTH	JPN BODY DEPTH	0.956	3.0014
HOL PIN WIDTH	JPN RUMP WIDTH	-1.152	4.0018
HOL RUMP ANGLE	JPN RUMP ANGLE	0.549	4.0475
HOL FOOT ANGLE	JPN FOOT ANGLE	-1.325	2.3744
HOL REAR LEGS SIDE VIEW	JPN REAR LEG SET	0.494	3.2879
HOL REAR LEG REAR VIEW	JPN REAR LEG REAR VIEW	-0.998	2.7884
HOL UDDER DEPTH	JPN UDDER DEPTH	-4.318	3.7834
HOL MEDIAN SUSPENSORY	JPN MEDIAN SUSPENSORY	-1.869	2.5659
HOL FORE ATTACHMENT	JPN FORE UDDER	-4.208	3.5026
HOL FRONT TEAT PLACEMENT	JPN FRONT TEAT PLACEMENT	-2.074	3.8817
HOL TEAT LENGTH	JPN TEAT LENGTH	1.573	3.5442
HOL REAR ATTACHMENT HEIGHT	JPN REAR UDDER HEIGHT	-4.228	3.4397
HOL REAR TEAT PLACEMENT	JPN REAR TEAT PLACEMENT	-1.718	3.8246
HOL ANGULARITY	JPN ANGULARITY	-2.161	4.2392
HOL BODY CONDITION SCORE	JPN BODY CONDITION SCORE	100.230	3.4251

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=KOR

	c	c	f			
	a	o	o		b	t
b	t	n	t	v	v	c
r	r	t	r	a	a	r
e	a	r	a	l	l	r
e	i	y	i	u	u	r
d	t	2	t	e	e	2
HOL CONFORMATION	KOR CONFORMATION	-7.229	0.4179	0.31		
HOL STATURE	KOR STATURE	-5.300	0.9861			
HOL CHEST WIDTH	KOR CHEST WIDTH	1.409	1.5764			
HOL BODY DEPTH	KOR BODY DEPTH	2.147	1.3427			
HOL PIN WIDTH	KOR RUMP WIDTH	-2.624	1.4303			
HOL RUMP ANGLE	KOR RUMP ANGLE	0.021	1.1473			
HOL FOOT ANGLE	KOR FOOT ANGLE	-3.507	3.3579			
HOL REAR LEGS SIDE VIEW	KOR REAR LEG SET	1.503	2.2142			
HOL REAR LEG REAR VIEW	KOR REAR LEG REAR VIEW	-2.078	2.4892			
HOL UDDER DEPTH	KOR UDDER DEPTH	-10.199	0.9383			
HOL MEDIAN SUSPENSORY	KOR MEDIAN SUSPENSORY	-5.090	1.8200			
HOL FORE ATTACHMENT	KOR FORE UDDER	-5.719	1.0808			
HOL TEAT PLACEMENT	KOR FRONT TEAT PLACEMENT	-6.110	1.7245			
HOL TEAT LENGTH	KOR TEAT LENGTH	3.408	1.3099			
HOL REAR ATTACHMENT HEIGHT	KOR REAR UDDER HEIGHT	-7.838	1.3569			
HOL REAR TEAT PLACEMENT	KOR REAR TEAT PLACEMENT	-3.891	2.6795			
HOL ANGULARITY	KOR ANGULARITY	-5.090	2.3403			
HOL BODY CONDITION SCORE	KOR BODY CONDITION SCORE	102.530	2.0564			

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=LVA

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	v	v	c
r	t	n	t	a	a	c
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 STATURE		LVA STATURE		-33.706	12.1065	
HOL CHEST WIDTH		LVA CHEST WIDTH		-5.599	8.8215	
HOL BODY DEPTH		LVA BODY DEPTH		-7.931	14.1390	
HOL PIN WIDTH		LVA RUMP WIDTH		-15.605	12.2469	
HOL RUMP ANGLE		LVA RUMP ANGLE		-5.793	11.9652	
HOL FOOT ANGLE		LVA FOOT ANGLE		-6.423	15.2095	
HOL REAR LEGS SIDE VIEW		LVA REAR LEG SET		-1.795	12.0078	
HOL REAR LEG REAR VIEW		LVA REAR LEG REAR VIEW		-5.686	15.4040	
HOL UDDER DEPTH		LVA UDDER DEPTH		-16.699	12.8345	
HOL MEDIAN SUSPENSORY		LVA MEDIAN SUSPENSORY		-12.270	14.3136	
HOL FORE ATTACHMENT		LVA FORE UDDER		-14.049	14.1127	
HOL TEAT PLACEMENT		LVA FRONT TEAT PLACEMENT		-8.485	11.5847	
HOL TEAT LENGTH		LVA TEAT LENGTH		-2.532	9.9960	
HOL REAR ATTACHMENT HEIGHT		LVA REAR UDDER HEIGHT		-20.216	10.4977	
HOL REAR TEAT PLACEMENT		LVA REAR TEAT PLACEMENT		-15.505	12.8018	
HOL ANGULARITY		LVA ANGULARITY		-16.907	14.3398	

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=NLD

	c	c	f			
	a	o	o	a	b	t
b	n	u	r	v	v	c
r	t	n	t	a	a	c
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		NLD OVERALL CONFORMATION		-132.939	1.2788	0.50
HOL FEET AND LEGS		NLD OVERALL FEET & LEG		-62.032	0.6280	
HOL MAMMARY SYSTEM		NLD OVERALL UDDER SCORE		-117.354	1.1264	
HOL STATURE		NLD STATURE		-119.922	1.1581	
HOL CHEST WIDTH		NLD CHEST WIDTH		-109.181	1.1130	
HOL BODY DEPTH		NLD BODY DEPTH		-71.350	0.7208	
HOL PIN WIDTH		NLD PIN WIDTH		-110.408	1.0770	
HOL RUMP ANGLE		NLD RUMP ANGLE		-110.346	1.1365	
HOL FOOT ANGLE		NLD CLAW DIAGONAL		-101.789	1.0061	
HOL REAR LEGS SIDE VIEW		NLD REAR LEG SET		-99.441	0.9819	
HOL REAR LEG REAR VIEW		NLD REAR LEG REAR VIEW		-125.055	1.2825	
HOL UDDER DEPTH		NLD UDDER DEPTH		-105.993	1.0260	
HOL MEDIAN SUSPENSORY		NLD MEDIAN SUSPENSORY		-118.419	1.1377	
HOL FORE ATTACHMENT		NLD FORE UDDER		-104.814	1.0082	

HOL FRONT TEAT PLACEMENT	NLD FRONT TEAT PLACEMENT	-115.207	1.1377
HOL TEAT LENGTH	NLD TEAT LENGTH	-93.169	0.9526
HOL REAR ATTACHMENT HEIGHT	NLD REAR UDDER HEIGHT	-93.984	0.8958
HOL REAR TEAT PLACEMENT	NLD REAR TEAT PLACEMENT	-121.463	1.1847
HOL ANGULARITY	NLD ANGULARITY	-139.251	1.3259
HOL BODY CONDITION SCORE	NLD BODY CONDITION SCORE	-11.932	1.1722

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=NZL

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

  

HOL CONFORMATION	NZL OVERALL CONFORMATION	-20.923	10.8058	0.41
HOL MAMMARY SYSTEM	NZL OVERALL UDDER SCORE	-20.942	11.5548	
HOL STATURE	NZL STATURE	-27.530	9.6992	
HOL CHEST WIDTH	NZL CHEST WIDTH	-2.629	11.4841	
HOL BODY DEPTH	NZL BODY DEPTH	-2.253	9.4859	
HOL PIN WIDTH	NZL RUMP WIDTH	-15.031	16.1372	
HOL RUMP ANGLE	NZL RUMP ANGLE	-0.019	15.6867	
HOL REAR LEGS SIDE VIEW	NZL REAR LEG SET	4.754	24.5512	
HOL MEDIAN SUSPENSORY	NZL MEDIAN SUSPENSORY	-16.667	8.9219	
HOL FORE ATTACHMENT	NZL FORE UDDER	-14.356	10.6493	
HOL FRONT TEAT PLACEMENT	NZL FRONT TEAT PLACEMENT	-12.634	18.0714	
HOL TEAT LENGTH	NZL TEAT LENGTH	5.095	9.0003	
HOL REAR ATTACHMENT HEIGHT	NZL REAR UDDER HEIGHT	-16.005	10.4574	
HOL REAR TEAT PLACEMENT	NZL REAR TEAT PLACEMENT	-13.332	12.3682	
HOL BODY CONDITION SCORE	NZL BODY CONDITION SCORE	108.310	34.4307	

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=POL

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

  

HOL CONFORMATION	POL OVERALL CONFORMATION	-43.955	0.3732	0.31
------------------	--------------------------	---------	--------	------

HOL FEET AND LEGS	POL OVERALL FEET & LEG	-27.527	0.2444
HOL MAMMARY SYSTEM	POL OVERALL UDDER SCORE	-55.120	0.4721
HOL STATURE	POL STATURE	-55.380	0.4986
HOL CHEST WIDTH	POL CHEST WIDTH	-42.327	0.4228
HOL BODY DEPTH	POL BODY DEPTH	-35.578	0.3614
HOL PIN WIDTH	POL RUMP WIDTH	-50.003	0.4702
HOL RUMP ANGLE	POL RUMP ANGLE	-50.390	0.5104
HOL FOOT ANGLE	POL FOOT ANGLE	-46.719	0.4392
HOL REAR LEGS SIDE VIEW	POL REAR LEG SET	-44.907	0.4542
HOL REAR LEG REAR VIEW	POL REAR LEG REAR VIEW	-42.798	0.4079
HOL UDDER DEPTH	POL UDDER DEPTH	-49.481	0.4387
HOL MEDIAN SUSPENSORY	POL MEDIAN SUSPENSORY	-49.911	0.4563
HOL FORE ATTACHMENT	POL FORE UDDER	-47.259	0.4102
HOL FRONT TEAT PLACEMENT	POL FRONT TEAT PLACEMENT	-51.274	0.4780
HOL TEAT LENGTH	POL TEAT LENGTH	-38.963	0.4100
HOL REAR ATTACHMENT HEIGHT	POL REAR UDDER HEIGHT	-46.741	0.4008
HOL REAR TEAT PLACEMENT	POL REAR TEAT PLACEMENT	-53.213	0.5006
HOL ANGULARITY	POL ANGULARITY	-59.764	0.5314
HOL BODY CONDITION SCORE	POL BODY CONDITION SCORE	53.558	0.4911

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=PRT

	c	c	f			
	a	o	o		b	t
b	n	u	r	a	v	c
r	t	n	t	v	v	o
e	r	t	r	a	a	r
e	a	r	a	l	l	r
e	i	y	i	u	u	r
d	t	2	t	e	e	2
HOL CONFORMATION	PRT CONFORMATION	-4.204	13.1962	0.38		
HOL FEET AND LEGS	PRT OVERALL FEET & LEG	-2.124	14.4355			
HOL MAMMARY SYSTEM	PRT OVERALL UDDER SCORE	-6.127	11.3893			
HOL STATURE	PRT STATURE	-8.070	3.8048			
HOL CHEST WIDTH	PRT CHEST WIDTH	-0.523	2.5187			
HOL BODY DEPTH	PRT BODY DEPTH	1.803	2.1100			
HOL PIN WIDTH	PRT RUMP WIDTH	-4.234	2.8211			
HOL RUMP ANGLE	PRT RUMP ANGLE	1.643	3.2494			
HOL FOOT ANGLE	PRT FOOT ANGLE	-3.778	2.2014			
HOL REAR LEGS SIDE VIEW	PRT REAR LEG SET	-0.400	2.1536			
HOL REAR LEG REAR VIEW	PRT REAR LEG REAR VIEW	-2.056	2.0784			
HOL UDDER DEPTH	PRT UDDER DEPTH	-7.755	3.1392			
HOL MEDIAN SUSPENSORY	PRT MEDIAN SUSPENSORY	-6.538	2.8956			
HOL FORE ATTACHMENT	PRT FORE UDDER	-8.013	2.4951			
HOL TEAT PLACEMENT	PRT FRONT TEAT PLACEMENT	-5.843	3.7626			
HOL TEAT LENGTH	PRT TEAT LENGTH	2.502	2.4500			
HOL REAR ATTACHMENT HEIGHT	PRT REAR UDDER HEIGHT	-9.752	3.4382			
HOL REAR TEAT PLACEMENT	PRT REAR TEAT PLACEMENT	-5.016	3.8501			
HOL ANGULARITY	PRT ANGULARITY	-9.810	4.5409			
HOL BODY CONDITION SCORE	PRT BODY CONDITION SCORE	103.294	2.6836			

-----

-

Conversion Factors For Type. Source = INTERBULL MACE 2304  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=SVN

	c	c	f			
	a	o	o		b	t
b	n	u	r	a	v	c
r	t	n	t	v	v	o
e	r	t	r	a	a	r
e	a	r	a	l	l	r
d	i	y	i	u	u	r
	t	2	t	e	e	2
HOL CONFORMATION		SVN CONFORMATION		-36.457	0.2539	0.30
HOL FEET AND LEGS		SVN OVERALL FEET & LEG		-16.888	0.1223	
HOL MAMMARY SYSTEM		SVN OVERALL UDDER SCORE		-42.774	0.3013	
HOL STATURE		SVN STATURE		-39.713	0.2998	
HOL CHEST WIDTH		SVN CHEST WIDTH		-23.279	0.2251	
HOL BODY DEPTH		SVN BODY DEPTH		-24.286	0.2326	
HOL PIN WIDTH		SVN RUMP WIDTH		-30.488	0.2610	
HOL RUMP ANGLE		SVN RUMP ANGLE		-29.687	0.3048	
HOL FOOT ANGLE		SVN FOOT ANGLE		-27.774	0.2370	
HOL REAR LEGS SIDE VIEW		SVN REAR LEG SET		-24.089	0.2406	
HOL REAR LEG REAR VIEW		SVN REAR LEG REAR VIEW		-23.783	0.2092	
HOL UDDER DEPTH		SVN UDDER DEPTH		-36.993	0.2864	
HOL MEDIAN SUSPENSORY		SVN MEDIAN SUSPENSORY		-31.114	0.2396	
HOL FORE ATTACHMENT		SVN FORE UDDER		-25.339	0.1655	
HOL TEAT PLACEMENT		SVN FRONT TEAT PLACEMENT		-41.480	0.3371	
HOL TEAT LENGTH		SVN TEAT LENGTH		-22.400	0.2516	
HOL REAR ATTACHMENT HEIGHT		SVN REAR UDDER HEIGHT		-38.346	0.2849	
HOL REAR TEAT PLACEMENT		SVN REAR TEAT PLACEMENT		-43.531	0.3614	
HOL ANGULARITY		SVN ANGULARITY		-38.034	0.2690	
HOL BODY CONDITION SCORE		SVN BODY CONDITION SCORE		82.197	0.2298	

-----

-

Conversion Factors For Type. Source = INTERBULL MACE 2304  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=USA

	c	c	f			
	a	o	o		b	t
b	n	u	r	a	v	c
r	t	n	t	v	v	o
e	r	t	r	a	a	r
e	a	r	a	l	l	r
d	i	y	i	u	u	r
	t	2	t	e	e	2
HOL CONFORMATION		USA PTA TYPE (FINAL SCORE)		-2.099	4.0825	0.55
HOL FEET AND LEGS		USA FEET & LEGS SCORE		-1.133	2.4992	
HOL MAMMARY SYSTEM		USA UDDER COMPOSITE		-2.489	3.9986	
HOL STATURE		USA STATURE		-3.144	4.1178	

HOL CHEST WIDTH	USA STRENGTH	0.017	4.0063
HOL BODY DEPTH	USA BODY DEPTH	0.143	3.3407
HOL PIN WIDTH	USA THURL WIDTH	-1.288	4.0485
HOL RUMP ANGLE	USA RUMP ANGLE	-0.525	4.0620
HOL FOOT ANGLE	USA FOOT ANGLE	-1.342	4.0054
HOL REAR LEGS SIDE VIEW	USA REAR LEGS - SIDE VIEW	0.406	3.4901
HOL REAR LEG REAR VIEW	USA REAR LEGS - REAR VIEW	-0.219	3.4028
HOL UDDER DEPTH	USA UDDER DEPTH	-2.259	3.3973
HOL MEDIAN SUSPENSORY	USA UDDER CLEFT	-1.742	3.2395
HOL FORE ATTACHMENT	USA FORE ATTACHMENT	-2.224	3.3292
HOL FRONT TEAT PLACEMENT	USA FRONT TEAT PLACEMENT	-0.861	4.0573
HOL TEAT LENGTH	USA TEAT LENGTH	0.838	3.6077
HOL REAR ATTACHMENT HEIGHT	USA REAR UDDER HEIGHT	-2.669	2.9063
HOL REAR TEAT PLACEMENT	USA REAR TEAT PLACEMENT	-1.093	3.7324
HOL ANGULARITY	USA DAIRY FORM	-3.271	4.6095
HOL BODY CONDITION SCORE	USA BODY CONDITION SCORE	101.232	-3.4631

-----  
-  
Conversion Factors For Type. Source = INTERBULL MACE 2304  
Converted Canadian Proof = A + (B\* Foreign Proof)  
Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=ZAF

	c	c	f			
	a	o	o		a	b
	n	u	r		v	v
b	t	n	t		a	a
r	r	t	r		l	l
e	a	r	a		u	u
e	i	y	i		e	e
d	t	2	t			
						t
						c
						o
						r
						r
						2
HOL STATURE	ZAF STATURE	-4.704	6.4218			
HOL CHEST WIDTH	ZAF CHEST WIDTH	-0.394	6.2953			
HOL BODY DEPTH	ZAF BODY DEPTH	0.409	5.1974			
HOL PIN WIDTH	ZAF RUMP WIDTH	-2.172	5.3533			
HOL RUMP ANGLE	ZAF RUMP ANGLE	0.648	6.3279			
HOL FOOT ANGLE	ZAF FOOT ANGLE	-2.394	6.3488			
HOL REAR LEGS SIDE VIEW	ZAF REAR LEG SET	0.963	5.5089			
HOL REAR LEG REAR VIEW	ZAF REAR LEG REAR VIEW	-1.264	5.0986			
HOL UDDER DEPTH	ZAF UDDER DEPTH	-3.654	5.2168			
HOL MEDIAN SUSPENSORY	ZAF MEDIAN SUSPENSORY	-2.760	4.4159			
HOL FORE ATTACHMENT	ZAF FORE UDDER	-3.738	5.1795			
HOL TEAT PLACEMENT	ZAF FRONT TEAT PLACEMENT	-1.620	6.8466			
HOL TEAT LENGTH	ZAF TEAT LENGTH	1.573	5.2667			
HOL REAR ATTACHMENT HEIGHT	ZAF REAR UDDER HEIGHT	-5.076	4.7882			
HOL REAR TEAT PLACEMENT	ZAF REAR TEAT PLACEMENT	-1.442	9.3391			
HOL ANGULARITY	ZAF ANGULARITY	-4.427	6.5195			

-----  
CALCULATION OF FAT% AND PROTEIN% FOR APRIL 2023

BREED	BMILK	BFAT	BPRT
-----	-----	-----	-----
AYS	8071	337	277
BSW	8728	369	313



CN	5590	242	201
GUE	7470	339	257
JER	7090	366	276
HOL	10959	437	361
MS	6969	278	237

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

EXAMPLE:

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

$EBVFAT\% = 200 * [ (437 + 50 * .5) / (10959 + 1000 * .5) - (437 / 11E3) ]$   
 $= 200 * [ (437 + 25) / (10959 + 500) - (0.03988) ]$   
 $= 200 * [ 0.04032 - 0.03988 ]$   
 $= 200 * 0.00044$   
 $= 0.09$

$EBVPROT\% = 200 * [ (361 + 40 * .5) / (10959 + 1000 * .5) - (361 / 11E3) ]$   
 $= 200 * [ (361 + 20) / (10959 + 500) - (0.03294) ]$   
 $= 200 * [ 0.03325 - 0.03294 ]$   
 $= 200 * 0.00031$   
 $= 0.06$