

JER RUMP ANGLE	AUS RUMP ANGLE	-81.553	0.8273
JER FOOT ANGLE	AUS FOOT ANGLE	-56.462	0.5363
JER REAR LEGS SIDE VIEW	AUS REAR LEG SET	-33.297	0.3649
JER REAR LEG REAR VIEW	AUS REAR LEG REAR VIEW	-35.445	0.3023
JER UDDER DEPTH	AUS UDDER DEPTH	-94.504	0.8992
JER MEDIAN SUSPENSORY	AUS MEDIAN SUSPENSORY	-113.439	1.1339
JER FORE ATTACHMENT	AUS FORE UDDER	-63.599	0.5807
JER FRONT TEAT PLACEMENT	AUS FRONT TEAT PLACEMENT	-86.217	0.8529
JER TEAT LENGTH	AUS TEAT LENGTH	-75.022	0.7374
JER REAR ATTACHMENT HEIGHT	AUS REAR UDDER HEIGHT	-107.651	1.0324
JER REAR TEAT PLACEMENT	AUS REAR TEAT PLACEMENT	-101.264	1.0165
JER ANGULARITY	AUS ANGULARITY	-78.601	0.7525

Conversion Factors For Type. Source = INTERBULL MACE 1508
 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	n	t	v	v	c
r	t	r	a	a	o
e	r	a	l	l	r
e	y	i	u	u	r
d	2	t	e	e	2

JER CONFORMATION	DFS CONFORMATION	-31.516	0.2658	0.44
JER FEET AND LEGS	DFS OVERALL FEET & LEG	-35.654	0.3262	
JER MAMMARY SYSTEM	DFS OVERALL UDDER SCORE	-43.078	0.4049	
JER STATURE	DFS STATURE	-50.347	0.4757	
JER CHEST WIDTH	DFS CHEST WIDTH	-33.685	0.3211	
JER BODY DEPTH	DFS BODY DEPTH	-38.596	0.3569	
JER PIN WIDTH	DFS RUMP WIDTH	-54.676	0.4870	
JER RUMP ANGLE	DFS RUMP ANGLE	-44.467	0.4676	
JER FOOT ANGLE	DFS FOOT ANGLE	-37.423	0.3666	
JER REAR LEGS SIDE VIEW	DFS REAR LEG SET	-37.867	0.4108	
JER REAR LEG REAR VIEW	DFS REAR LEG REAR VIEW	-46.919	0.4100	
JER UDDER DEPTH	DFS UDDER DEPTH	-36.108	0.3563	
JER MEDIAN SUSPENSORY	DFS MEDIAN SUSPENSORY	-45.926	0.4511	
JER FORE ATTACHMENT	DFS FORE UDDER	-35.902	0.3337	
JER TEAT PLACEMENT	DFS FRONT TEAT PLACEMENT	-46.151	0.4300	
JER TEAT LENGTH	DFS TEAT LENGTH	-33.776	0.3352	
JER REAR ATTACHMENT HEIGHT	DFS REAR UDDER HEIGHT	-55.480	0.5447	
JER REAR TEAT PLACEMENT	DFS REAR TEAT PLACEMENT	-47.796	0.4484	
JER ANGULARITY	DFS ANGULARITY	-42.433	0.4076	

Conversion Factors For Type. Source = INTERBULL MACE 1508
 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

JER FEET AND LEGS	GBR OVERALL FEET & LEG	-3.280	3.3387
JER MAMMARY SYSTEM	GBR OVERALL UDDER SCORE	-2.993	3.9243
JER STATURE	GBR STATURE	-5.535	5.6409
JER CHEST WIDTH	GBR CHEST WIDTH	-0.126	3.5639
JER BODY DEPTH	GBR BODY DEPTH	-0.614	2.9212
JER PIN WIDTH	GBR RUMP WIDTH	-3.285	4.4581
JER RUMP ANGLE	GBR RUMP ANGLE	-0.088	4.4385
JER FOOT ANGLE	GBR FOOT ANGLE	-1.723	3.2404
JER REAR LEGS SIDE VIEW	GBR REAR LEG SET	1.861	2.6789
JER UDDER DEPTH	GBR UDDER DEPTH	-1.201	2.9617
JER MEDIAN SUSPENSORY	GBR MEDIAN SUSPENSORY	-0.985	3.4618
JER FORE ATTACHMENT	GBR FORE UDDER	-1.326	2.9855
JER TEAT PLACEMENT	GBR FRONT TEAT PLACEMENT	-1.121	3.6954
JER TEAT LENGTH	GBR TEAT LENGTH	-0.875	3.2876
JER REAR ATTACHMENT HEIGHT	GBR REAR UDDER HEIGHT	-3.660	4.9554
JER ANGULARITY	GBR ANGULARITY	-4.566	4.2655

Conversion Factors For Type. Source = INTERBULL MACE 1508
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=ITA

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	

JER CONFORMATION	ITA CONFORMATION	-4.606	6.2044	0.64
JER FEET AND LEGS	ITA OVERALL FEET & LEG	-2.969	3.9609	
JER STATURE	ITA STATURE	-2.904	4.7576	
JER CHEST WIDTH	ITA CHEST WIDTH	-0.174	4.3930	
JER BODY DEPTH	ITA BODY DEPTH	-0.939	3.0334	
JER PIN WIDTH	ITA RUMP WIDTH	-2.639	3.5216	
JER RUMP ANGLE	ITA RUMP ANGLE	0.890	3.7965	
JER FOOT ANGLE	ITA FOOT ANGLE	-1.204	2.4265	
JER REAR LEGS SIDE VIEW	ITA REAR LEG SET	2.416	2.7814	
JER REAR LEG REAR VIEW	ITA REAR LEG REAR VIEW	-3.847	3.3162	
JER UDDER DEPTH	ITA UDDER DEPTH	-2.194	3.2178	
JER MEDIAN SUSPENSORY	ITA MEDIAN SUSPENSORY	-0.576	2.8910	
JER FORE ATTACHMENT	ITA FORE UDDER	-3.376	2.8841	
JER TEAT PLACEMENT	ITA FRONT TEAT PLACEMENT	-2.324	2.7454	
JER TEAT LENGTH	ITA TEAT LENGTH	-0.196	2.2777	
JER REAR ATTACHMENT HEIGHT	ITA REAR UDDER HEIGHT	-1.889	4.3019	
JER ANGULARITY	ITA ANGULARITY	-1.797	4.0487	

Conversion Factors For Type. Source = INTERBULL MACE 1508
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=NLD

c	c	f			
a	o	o			
n	u	r	a	b	t
b	n	t	v	v	c
r	t	r	a	a	o
e	r	a	l	l	r
e	y	i	u	u	r
d	2	t	e	e	2
JER CONFORMATION	NLD CONFORMATION		-155.842	1.7201	0.62
JER FEET AND LEGS	NLD OVERALL FEET & LEG		-86.284	0.7373	
JER MAMMARY SYSTEM	NLD OVERALL UDDER SCORE		-108.919	1.1577	
JER STATURE	NLD STATURE		-86.356	1.1925	
JER CHEST WIDTH	NLD CHEST WIDTH		-92.605	1.1957	
JER BODY DEPTH	NLD BODY DEPTH		-123.606	1.5121	
JER PIN WIDTH	NLD RUMP WIDTH		-97.875	1.2176	
JER RUMP ANGLE	NLD RUMP ANGLE		-102.142	1.0949	
JER FOOT ANGLE	NLD FOOT ANGLE		-89.385	0.9432	
JER REAR LEGS SIDE VIEW	NLD REAR LEG SET		-136.984	1.3498	
JER REAR LEG REAR VIEW	NLD REAR LEG REAR VIEW		-119.701	1.0419	
JER UDDER DEPTH	NLD UDDER DEPTH		-89.511	0.9898	
JER MEDIAN SUSPENSORY	NLD MEDIAN SUSPENSORY		-95.933	0.9986	
JER FORE ATTACHMENT	NLD FORE UDDER		-81.878	0.8331	
JER TEAT PLACEMENT	NLD FRONT TEAT PLACEMENT		-103.968	1.0518	
JER TEAT LENGTH	NLD TEAT LENGTH		-103.970	0.9880	
JER REAR ATTACHMENT HEIGHT	NLD REAR UDDER HEIGHT		-120.858	1.2351	
JER REAR TEAT PLACEMENT	NLD REAR TEAT PLACEMENT		-111.607	1.1500	
JER ANGULARITY	NLD ANGULARITY		-117.600	1.3585	

 Conversion Factors For Type. Source = INTERBULL MACE 1508
 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	n	t	v	v	c
r	t	r	a	a	o
e	r	a	l	l	r
e	y	i	u	u	r
d	2	t	e	e	2
JER CONFORMATION	NZL OVERALL CONFORMATION		-9.419	10.5259	0.37
JER MAMMARY SYSTEM	NZL OVERALL UDDER SCORE		-9.469	10.4058	
JER STATURE	NZL STATURE		6.500	14.6212	
JER CHEST WIDTH	NZL CHEST WIDTH		5.494	10.8985	
JER BODY DEPTH	NZL BODY DEPTH		3.214	9.9071	
JER PIN WIDTH	NZL RUMP WIDTH		4.449	18.9967	
JER RUMP ANGLE	NZL RUMP ANGLE		2.217	17.1079	

JER REAR LEGS SIDE VIEW	NZL REAR LEG SET	0.753	27.5743
JER MEDIAN SUSPENSORY	NZL MEDIAN SUSPENSORY	-3.246	7.9532
JER FORE ATTACHMENT	NZL FORE UDDER	-6.748	8.0615
JER FRONT TEAT PLACEMENT	NZL FRONT TEAT PLACEMENT	-4.747	18.0356
JER REAR ATTACHMENT HEIGHT	NZL REAR UDDER HEIGHT	-9.284	12.7455
JER REAR TEAT PLACEMENT	NZL REAR TEAT PLACEMENT	-1.379	15.0175

Conversion Factors For Type. Source = INTERBULL MACE 1508
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=USA

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
JER CONFORMATION	USA PTA TYPE (FINAL SCORE)	-2.874	5.0665	0.61
JER FEET AND LEGS	USA OVERALL FEET & LEG	-2.736	5.3977	
JER MAMMARY SYSTEM	USA OVERALL UDDER SCORE	-1.846	7.9883	
JER STATURE	USA STATURE	-0.313	4.2769	
JER CHEST WIDTH	USA STRENGTH	-1.084	6.7702	
JER PIN WIDTH	USA THURL WIDTH	-0.210	5.8686	
JER RUMP ANGLE	USA RUMP ANGLE	1.836	4.7337	
JER FOOT ANGLE	USA FOOT ANGLE	-2.054	6.5994	
JER REAR LEGS SIDE VIEW	USA REAR LEGS - SIDE VIEW	2.692	7.4623	
JER UDDER DEPTH	USA UDDER DEPTH	-2.816	3.1506	
JER MEDIAN SUSPENSORY	USA UDDER CLEFT	0.555	7.0408	
JER FORE ATTACHMENT	USA FORE UDDER ATTACHMENT	-2.685	4.1214	
JER FRONT TEAT PLACEMENT	USA FRONT TEAT PLACEMENT	-0.206	5.0320	
JER TEAT LENGTH	USA TEAT LENGTH	0.080	4.8356	
JER REAR ATTACHMENT HEIGHT	USA REAR UDDER HEIGHT	-0.794	4.9858	
JER ANGULARITY	USA DAIRY FORM	0.596	5.5735	

Conversion Factors For Type. Source = INTERBULL MACE 1508
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=ZAF

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
JER STATURE	ZAF STATURE	-65.285	0.6003	
JER CHEST WIDTH	ZAF CHEST WIDTH	-59.570	0.5808	

JER BODY DEPTH	ZAF BODY DEPTH	-45.606	0.4456
JER PIN WIDTH	ZAF RUMP WIDTH	-50.028	0.4757
JER RUMP ANGLE	ZAF RUMP ANGLE	-53.106	0.5392
JER FOOT ANGLE	ZAF FOOT ANGLE	-39.364	0.3684
JER REAR LEGS SIDE VIEW	ZAF REAR LEG SET	-25.340	0.2798
JER REAR LEG REAR VIEW	ZAF REAR LEG REAR VIEW	-23.247	0.1849
JER UDDER DEPTH	ZAF UDDER DEPTH	-42.686	0.3906
JER MEDIAN SUSPENSORY	ZAF MEDIAN SUSPENSORY	-50.654	0.4988
JER FORE ATTACHMENT	ZAF FORE UDDER	-41.751	0.3711
JER TEAT PLACEMENT	ZAF FRONT TEAT PLACEMENT	-52.303	0.5034
JER TEAT LENGTH	ZAF TEAT LENGTH	-42.457	0.4138
JER REAR ATTACHMENT HEIGHT	ZAF REAR UDDER HEIGHT	-54.268	0.4926
JER REAR TEAT PLACEMENT	ZAF REAR TEAT PLACEMENT	-57.338	0.5610
JER ANGULARITY	ZAF ANGULARITY	-50.624	0.4755

CALCULATION OF FAT% AND PROTEIN% FOR AUGUST 2015

BREED	BMILK	BFAT	BPRT
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AYS	7537	310	255
BSW	8019	337	283
CN	5388	230	189
GUE	6718	309	233
JER	6409	320	245
HOL	9931	379	318
MS	7073	266	232

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

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

EXAMPLE :

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

$$\begin{aligned} EBVFAT\% &= 200 * [(379 + 50 * 0.5) / (9931 + 1000 * 0.5) - (379 / 9931)] \\ &= 200 * [(379 + 25) / (9931 + 500) - (0.03816)] \\ &= 200 * [0.03873 - 0.03816] \\ &= 200 * 0.00057 \\ &= 0.11 \end{aligned}$$

$$\begin{aligned} EBVPROT\% &= 200 * [(318 + 40 * 0.5) / (9931 + 1000 * 0.5) - (318 / 9931)] \\ &= 200 * [(318 + 20) / (9931 + 500) - (0.03202)] \\ &= 200 * [0.03240 - 0.03202] \\ &= 200 * 0.00038 \\ &= 0.08 \end{aligned}$$