



JER RUMP ANGLE	AUS RUMP ANGLE	-56.530	0.5829
JER FOOT ANGLE	AUS FOOT ANGLE	-80.042	0.7693
JER REAR LEGS SIDE VIEW	AUS REAR LEG SET	-30.758	0.3366
JER REAR LEG REAR VIEW	AUS REAR LEG REAR VIEW	-48.381	0.4293
JER UDDER DEPTH	AUS UDDER DEPTH	-63.764	0.5838
JER MEDIAN SUSPENSORY	AUS MEDIAN SUSPENSORY	-66.678	0.6762
JER FORE ATTACHMENT	AUS FORE UDDER	-48.700	0.4334
JER FRONT TEAT PLACEMENT	AUS FRONT TEAT PLACEMENT	-53.733	0.5303
JER TEAT LENGTH	AUS TEAT LENGTH	-44.684	0.4385
JER REAR ATTACHMENT HEIGHT	AUS REAR UDDER HEIGHT	-68.801	0.6566
JER REAR TEAT PLACEMENT	AUS REAR TEAT PLACEMENT	-84.301	0.8438
JER ANGULARITY	AUS ANGULARITY	-58.064	0.5593

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Conversion Factors For Type. Source = INTERBULL MACE 1408  
 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	-22.821	0.1771	0.19
JER FEET AND LEGS	DFS OVERALL FEET & LEG	-34.137	0.3110	
JER MAMMARY SYSTEM	DFS OVERALL UDDER SCORE	-46.322	0.4402	
JER STATURE	DFS STATURE	-51.165	0.4799	
JER CHEST WIDTH	DFS CHEST WIDTH	-32.285	0.3122	
JER BODY DEPTH	DFS BODY DEPTH	-36.492	0.3415	
JER PIN WIDTH	DFS RUMP WIDTH	-59.284	0.5286	
JER RUMP ANGLE	DFS RUMP ANGLE	-40.777	0.4325	
JER FOOT ANGLE	DFS FOOT ANGLE	-35.941	0.3624	
JER REAR LEGS SIDE VIEW	DFS REAR LEG SET	-33.840	0.3753	
JER REAR LEG REAR VIEW	DFS REAR LEG REAR VIEW	-42.853	0.3622	
JER UDDER DEPTH	DFS UDDER DEPTH	-35.354	0.3435	
JER MEDIAN SUSPENSORY	DFS MEDIAN SUSPENSORY	-50.570	0.4993	
JER FORE ATTACHMENT	DFS FORE UDDER	-34.274	0.3086	
JER TEAT PLACEMENT	DFS FRONT TEAT PLACEMENT	-45.107	0.4164	
JER TEAT LENGTH	DFS TEAT LENGTH	-33.909	0.3413	
JER REAR ATTACHMENT HEIGHT	DFS REAR UDDER HEIGHT	-51.402	0.4932	
JER REAR TEAT PLACEMENT	DFS REAR TEAT PLACEMENT	-48.499	0.4556	
JER ANGULARITY	DFS ANGULARITY	-34.601	0.3205	

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Conversion Factors For Type. Source = INTERBULL MACE 1408  
 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
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d t	2 t	e e 2

JER CONFORMATION	GBR CONFORMATION	-5.995	3.3145	0.67
JER FEET AND LEGS	GBR OVERALL FEET & LEG	-3.994	3.8134	
JER MAMMARY SYSTEM	GBR OVERALL UDDER SCORE	-4.130	4.2103	
JER STATURE	GBR STATURE	-8.574	7.1151	
JER CHEST WIDTH	GBR CHEST WIDTH	0.351	3.9077	
JER BODY DEPTH	GBR BODY DEPTH	-1.098	3.1659	
JER PIN WIDTH	GBR RUMP WIDTH	-3.898	5.1660	
JER RUMP ANGLE	GBR RUMP ANGLE	-0.895	4.8304	
JER FOOT ANGLE	GBR FOOT ANGLE	-2.278	3.5622	
JER REAR LEGS SIDE VIEW	GBR REAR LEG SET	2.601	2.8623	
JER UDDER DEPTH	GBR UDDER DEPTH	-2.017	3.2516	
JER MEDIAN SUSPENSORY	GBR MEDIAN SUSPENSORY	-2.052	3.6771	
JER FORE ATTACHMENT	GBR FORE UDDER	-1.915	3.2961	
JER TEAT PLACEMENT	GBR FRONT TEAT PLACEMENT	-1.833	3.7924	
JER TEAT LENGTH	GBR TEAT LENGTH	-1.502	3.6114	
JER REAR ATTACHMENT HEIGHT	GBR REAR UDDER HEIGHT	-6.072	5.6482	
JER ANGULARITY	GBR ANGULARITY	-5.812	5.1505	

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Conversion Factors For Type. Source = INTERBULL MACE 1408  
 Converted Canadian Proof = A + (B\* Foreign Proof)  
 Converted Proof Reliability = TCORR2\*Foreign Reliability

country2=ITA

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

JER CONFORMATION	ITA CONFORMATION	-4.762	6.0361	0.62
JER FEET AND LEGS	ITA OVERALL FEET & LEG	-3.044	3.8947	
JER STATURE	ITA STATURE	-3.573	4.2034	
JER CHEST WIDTH	ITA CHEST WIDTH	-0.788	4.1442	
JER BODY DEPTH	ITA BODY DEPTH	-0.979	2.8747	
JER PIN WIDTH	ITA RUMP WIDTH	-2.532	3.1511	
JER RUMP ANGLE	ITA RUMP ANGLE	0.719	3.9533	
JER FOOT ANGLE	ITA FOOT ANGLE	-0.987	2.5433	
JER REAR LEGS SIDE VIEW	ITA REAR LEG SET	2.902	2.4444	
JER REAR LEG REAR VIEW	ITA REAR LEG REAR VIEW	-4.583	1.9555	
JER UDDER DEPTH	ITA UDDER DEPTH	-2.364	3.1982	
JER MEDIAN SUSPENSORY	ITA MEDIAN SUSPENSORY	-0.405	2.4517	
JER FORE ATTACHMENT	ITA FORE UDDER	-3.763	2.7102	
JER TEAT PLACEMENT	ITA FRONT TEAT PLACEMENT	-2.434	2.1174	
JER TEAT LENGTH	ITA TEAT LENGTH	-0.191	1.7262	
JER REAR ATTACHMENT HEIGHT	ITA REAR UDDER HEIGHT	-1.983	4.4044	
JER ANGULARITY	ITA ANGULARITY	-1.380	3.8365	

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 Conversion Factors For Type. Source = INTERBULL MACE 1408  
 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		-146.593	1.6013	0.59
JER FEET AND LEGS	NLD OVERALL FEET & LEG		-119.724	1.0276	
JER MAMMARY SYSTEM	NLD OVERALL UDDER SCORE		-102.255	1.0915	
JER STATURE	NLD STATURE		-80.779	1.1177	
JER CHEST WIDTH	NLD CHEST WIDTH		-78.528	1.0085	
JER BODY DEPTH	NLD BODY DEPTH		-125.983	1.5278	
JER PIN WIDTH	NLD RUMP WIDTH		-70.125	0.8348	
JER RUMP ANGLE	NLD RUMP ANGLE		-96.130	1.0301	
JER FOOT ANGLE	NLD FOOT ANGLE		-109.070	1.1312	
JER REAR LEGS SIDE VIEW	NLD REAR LEG SET		-116.745	1.1763	
JER REAR LEG REAR VIEW	NLD REAR LEG REAR VIEW		-94.969	0.8096	
JER UDDER DEPTH	NLD UDDER DEPTH		-88.708	0.9577	
JER MEDIAN SUSPENSORY	NLD MEDIAN SUSPENSORY		-89.782	0.9251	
JER FORE ATTACHMENT	NLD FORE UDDER		-75.730	0.7489	
JER TEAT PLACEMENT	NLD FRONT TEAT PLACEMENT		-107.265	1.0688	
JER TEAT LENGTH	NLD TEAT LENGTH		-104.306	1.0029	
JER REAR ATTACHMENT HEIGHT	NLD REAR UDDER HEIGHT		-126.483	1.2764	
JER REAR TEAT PLACEMENT	NLD REAR TEAT PLACEMENT		-107.063	1.0965	
JER ANGULARITY	NLD ANGULARITY		-115.364	1.3408	

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 Conversion Factors For Type. Source = INTERBULL MACE 1408  
 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		-8.783	9.9464	0.34
JER MAMMARY SYSTEM	NZL OVERALL UDDER SCORE		-8.067	10.0790	
JER STATURE	NZL STATURE		6.592	14.9928	
JER CHEST WIDTH	NZL CHEST WIDTH		4.837	10.1223	
JER BODY DEPTH	NZL BODY DEPTH		2.568	9.8568	
JER PIN WIDTH	NZL RUMP WIDTH		4.000	19.3755	

JER RUMP ANGLE	NZL RUMP ANGLE	2.148	17.1668
JER REAR LEGS SIDE VIEW	NZL REAR LEG SET	1.394	28.4456
JER MEDIAN SUSPENSORY	NZL MEDIAN SUSPENSORY	-2.583	8.0413
JER FORE ATTACHMENT	NZL FORE UDDER	-6.483	7.5083
JER FRONT TEAT PLACEMENT	NZL FRONT TEAT PLACEMENT	-4.228	18.2496
JER REAR ATTACHMENT HEIGHT	NZL REAR UDDER HEIGHT	-9.525	12.5171
JER REAR TEAT PLACEMENT	NZL REAR TEAT PLACEMENT	-1.023	15.2437

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Conversion Factors For Type. Source = INTERBULL MACE 1408  
 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	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	USA PTA TYPE (FINAL SCORE)	-4.909	4.9564	0.56
JER FEET AND LEGS	USA OVERALL FEET & LEG	-3.199	5.4595	
JER MAMMARY SYSTEM	USA OVERALL UDDER SCORE	-3.584	7.7631	
JER STATURE	USA STATURE	-1.679	4.3029	
JER CHEST WIDTH	USA STRENGTH	-1.727	6.6693	
JER PIN WIDTH	USA THURL WIDTH	-1.194	5.7719	
JER RUMP ANGLE	USA RUMP ANGLE	1.903	4.7781	
JER FOOT ANGLE	USA FOOT ANGLE	-2.657	6.4472	
JER REAR LEGS SIDE VIEW	USA REAR LEGS - SIDE VIEW	2.724	7.6306	
JER UDDER DEPTH	USA UDDER DEPTH	-3.927	3.1188	
JER MEDIAN SUSPENSORY	USA UDDER CLEFT	-0.022	7.0213	
JER FORE ATTACHMENT	USA FORE UDDER ATTACHMENT	-4.217	4.0693	
JER FRONT TEAT PLACEMENT	USA FRONT TEAT PLACEMENT	-1.731	5.0578	
JER TEAT LENGTH	USA TEAT LENGTH	-0.310	4.6484	
JER REAR ATTACHMENT HEIGHT	USA REAR UDDER HEIGHT	-2.480	4.9691	
JER ANGULARITY	USA DAIRY FORM	-0.902	5.6195	

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Conversion Factors For Type. Source = INTERBULL MACE 1408  
 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	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 STATURE	ZAF STATURE	-65.326	0.6048
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JER CHEST WIDTH	ZAF CHEST WIDTH	-59.623	0.5793
JER BODY DEPTH	ZAF BODY DEPTH	-47.355	0.4625
JER PIN WIDTH	ZAF RUMP WIDTH	-51.015	0.4834
JER RUMP ANGLE	ZAF RUMP ANGLE	-54.242	0.5531
JER FOOT ANGLE	ZAF FOOT ANGLE	-39.356	0.3727
JER REAR LEGS SIDE VIEW	ZAF REAR LEG SET	-25.764	0.2888
JER REAR LEG REAR VIEW	ZAF REAR LEG REAR VIEW	-14.013	0.0890
JER UDDER DEPTH	ZAF UDDER DEPTH	-42.461	0.3899
JER MEDIAN SUSPENSORY	ZAF MEDIAN SUSPENSORY	-52.551	0.5220
JER FORE ATTACHMENT	ZAF FORE UDDER	-40.963	0.3637
JER TEAT PLACEMENT	ZAF FRONT TEAT PLACEMENT	-53.222	0.5141
JER TEAT LENGTH	ZAF TEAT LENGTH	-41.093	0.4019
JER REAR ATTACHMENT HEIGHT	ZAF REAR UDDER HEIGHT	-54.997	0.5070
JER REAR TEAT PLACEMENT	ZAF REAR TEAT PLACEMENT	-57.774	0.5673
JER ANGULARITY	ZAF ANGULARITY	-51.438	0.4805

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CALCULATION OF FAT% AND PROTEIN% FOR AUGUST 2014

BREED	BMILK	BFAT	BPRT
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AYS	7512	308	253
BSW	8007	334	283
CN	6157	264	215
GUE	6753	313	230
JER	6362	315	243
HOL	9858	375	316
MS	6878	250	226

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

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

EXAMPLE :

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

$$\begin{aligned} \text{EBVFAT\%} &= 200 * [ (375 + 50 * .5) / (9858 + 1000 * .5) - (375 / 9858) ] \\ &= 200 * [ (375 + 25) / (9858 + 500) - (0.03804) ] \\ &= 200 * [ 0.03862 - 0.03804 ] \\ &= 200 * 0.00058 \\ &= 0.12 \end{aligned}$$

$$\begin{aligned} \text{EBVPROT\%} &= 200 * [ (316 + 40 * .5) / (9858 + 1000 * .5) - (316 / 9858) ] \\ &= 200 * [ (316 + 20) / (9858 + 500) - (0.03206) ] \\ &= 200 * [ 0.03244 - 0.03206 ] \\ &= 200 * 0.00038 \\ &= 0.08 \end{aligned}$$