

GUE	TEAT LENGTH	AUS	TEAT LENGTH	-6.934	0.067			
GUE	REAR ATTACHMENT HEIGHT	AUS	REAR UDDER HEIGHT	-50.205	0.493			
GUE	REAR TEAT PLACEMENT	AUS	REAR TEAT PLACEMENT	-85.975	0.862			
GUE	ANGULARITY	AUS	ANGULARITY	29.351	-0.277			

Conversion Factors For Type. Source = INTERBULL MACE 1104
 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	

GUE	CONFORMATION	GBR	CONFORMATION	-2.644	3.098	0.49		
GUE	FEET AND LEGS	GBR	OVERALL FEET & LEG	0.865	3.497			
GUE	MAMMARY SYSTEM	GBR	OVERALL UDDER SCORE	-1.920	3.575			
GUE	STATURE	GBR	STATURE	-6.117	4.967			
GUE	CHEST WIDTH	GBR	CHEST WIDTH	-0.733	2.850			
GUE	BODY DEPTH	GBR	BODY DEPTH	-3.756	3.934			
GUE	PIN WIDTH	GBR	RUMP WIDTH	-2.544	3.940			
GUE	RUMP ANGLE	GBR	RUMP ANGLE	-0.219	3.741			
GUE	FOOT ANGLE	GBR	FOOT ANGLE	0.892	2.594			
GUE	REAR LEGS SIDE VIEW	GBR	REAR LEG SET	-2.033	3.191			
GUE	UDDER DEPTH	GBR	UDDER DEPTH	-0.293	3.469			
GUE	MEDIAN SUSPENSORY	GBR	MEDIAN SUSPENSORY	-2.456	3.275			
GUE	FORE ATTACHMENT	GBR	FORE UDDER	-0.787	4.168			
GUE	TEAT PLACEMENT	GBR	FRONT TEAT PLACEMENT	-0.429	4.586			
GUE	TEAT LENGTH	GBR	TEAT LENGTH	-0.999	1.036			
GUE	REAR ATTACHMENT HEIGHT	GBR	REAR UDDER HEIGHT	-4.164	4.008			
GUE	REAR TEAT PLACEMENT	GBR	REAR TEAT PLACEMENT	-2.558	0.000			
GUE	ANGULARITY	GBR	ANGULARITY	-2.697	1.730			

Conversion Factors For Type. Source = INTERBULL MACE 1104
 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	

GUE	CONFORMATION	USA	PTA TYPE (FINAL SCORE)	0.537	5.240	0.56		
GUE	FEET AND LEGS	USA	OVERALL FEET & LEG	0.578	4.614			

GUE	MAMMARY SYSTEM	USA	OVERALL UDDER SCORE	0.218	6.851
GUE	STATURE	USA	STATURE	-0.096	2.432
GUE	CHEST WIDTH	USA	STRENGTH	0.952	3.722
GUE	BODY DEPTH	USA	BODY DEPTH	0.567	3.424
GUE	PIN WIDTH	USA	THURL WIDTH	0.694	4.668
GUE	RUMP ANGLE	USA	RUMP ANGLE	-0.254	3.865
GUE	FOOT ANGLE	USA	FOOT ANGLE	0.800	8.249
GUE	REAR LEGS SIDE VIEW	USA	REAR LEGS - SIDE VIEW	-1.651	7.107
GUE	REAR LEG REAR VIEW	USA	REAR LEG REAR VIEW	-0.249	6.900
GUE	UDDER DEPTH	USA	UDDER DEPTH	-0.528	2.896
GUE	MEDIAN SUSPENSORY	USA	UDDER CLEFT	-0.616	4.010
GUE	FORE ATTACHMENT	USA	FORE UDDER ATTACHMENT	-0.315	3.767
GUE	FRONT TEAT PLACEMENT	USA	FRONT TEAT PLACEMENT	0.977	4.777
GUE	TEAT LENGTH	USA	TEAT LENGTH	-0.643	2.710
GUE	REAR ATTACHMENT HEIGHT	USA	REAR UDDER HEIGHT	-0.184	4.340
GUE	ANGULARITY	USA	DAIRY FORM	-0.330	1.691

CALCULATION OF FAT% AND PROTEIN% FOR APRIL 2011

BREED	BMILK	BFAT	BPRT
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AYS	7320	295	246
BSW	7988	326	278
CN	5285	227	188
GUE	6709	303	231
JER	6256	305	239
HOL	9606	359	308
MS	6506	230	215

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 * [(359+50*.5) / (9606+1000*.5) - (359/9606)]
= 200 * [(359+25) / (9606+500) - (0.03737)]
= 200 * [0.03800 - 0.03737]
= 200 * 0.00062
= 0.12

EBVPROT% = 200 * [(308+40*.5) / (9606+1000*.5) - (308/9606)]
= 200 * [(308+20) / (9606+500) - (0.03206)]
= 200 * [0.03246 - 0.03206]
= 200 * 0.00039
= 0.08