

GUE	TEAT LENGTH	AUS	TEAT LENGTH	-12.344	0.123	
GUE	REAR ATTACHMENT HEIGHT	AUS	REAR UDDER HEIGHT	-62.272	0.610	
GUE	REAR TEAT PLACEMENT	AUS	REAR TEAT PLACEMENT	-81.783	0.817	
GUE	ANGULARITY	AUS	ANGULARITY	8.479	-0.084	

Conversion Factors For Type. Source = INTERBULL MACE 1112
 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	-4.085	4.274	0.77
GUE	FEET AND LEGS	GBR	OVERALL FEET & LEG	1.076	3.700	
GUE	MAMMARY SYSTEM	GBR	OVERALL UDDER SCORE	-1.333	3.595	
GUE	STATURE	GBR	STATURE	-6.406	5.309	
GUE	CHEST WIDTH	GBR	CHEST WIDTH	-0.654	3.434	
GUE	BODY DEPTH	GBR	BODY DEPTH	-3.531	4.056	
GUE	PIN WIDTH	GBR	RUMP WIDTH	-2.448	4.014	
GUE	RUMP ANGLE	GBR	RUMP ANGLE	-0.226	3.618	
GUE	FOOT ANGLE	GBR	FOOT ANGLE	1.011	1.766	
GUE	REAR LEGS SIDE VIEW	GBR	REAR LEG SET	-1.681	2.673	
GUE	UDDER DEPTH	GBR	UDDER DEPTH	0.111	3.268	
GUE	MEDIAN SUSPENSORY	GBR	MEDIAN SUSPENSORY	-2.629	3.068	
GUE	FORE ATTACHMENT	GBR	FORE UDDER	-0.405	3.720	
GUE	TEAT PLACEMENT	GBR	FRONT TEAT PLACEMENT	-0.833	4.562	
GUE	TEAT LENGTH	GBR	TEAT LENGTH	-1.291	1.371	
GUE	REAR ATTACHMENT HEIGHT	GBR	REAR UDDER HEIGHT	-3.761	2.771	
GUE	REAR TEAT PLACEMENT	GBR	REAR TEAT PLACEMENT	-2.226	0.000	
GUE	ANGULARITY	GBR	ANGULARITY	-5.067	3.218	

Conversion Factors For Type. Source = INTERBULL MACE 1112
 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)	-0.248	5.334	0.45
GUE	FEET AND LEGS	USA	OVERALL FEET & LEG	0.903	5.539	

GUE	MAMMARY SYSTEM	USA	OVERALL UDDER SCORE	0.180	7.745
GUE	STATURE	USA	STATURE	-0.089	2.633
GUE	CHEST WIDTH	USA	STRENGTH	1.187	4.670
GUE	BODY DEPTH	USA	BODY DEPTH	0.822	3.600
GUE	PIN WIDTH	USA	THURL WIDTH	0.727	4.784
GUE	RUMP ANGLE	USA	RUMP ANGLE	-0.136	3.903
GUE	FOOT ANGLE	USA	FOOT ANGLE	1.118	7.745
GUE	REAR LEGS SIDE VIEW	USA	REAR LEGS - SIDE VIEW	-1.322	6.935
GUE	REAR LEG REAR VIEW	USA	REAR LEG REAR VIEW	-0.288	4.709
GUE	UDDER DEPTH	USA	UDDER DEPTH	-0.525	3.221
GUE	MEDIAN SUSPENSORY	USA	UDDER CLEFT	-1.233	3.493
GUE	FORE ATTACHMENT	USA	FORE UDDER ATTACHMENT	-0.422	3.685
GUE	FRONT TEAT PLACEMENT	USA	FRONT TEAT PLACEMENT	-0.095	4.078
GUE	TEAT LENGTH	USA	TEAT LENGTH	-0.709	2.813
GUE	REAR ATTACHMENT HEIGHT	USA	REAR UDDER HEIGHT	-0.879	3.210
GUE	ANGULARITY	USA	DAIRY FORM	-0.580	2.209

CALCULATION OF FAT% AND PROTEIN% FOR DECEMBER 2011

BREED	BMILK	BFAT	BPRT
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AYS	7323	296	246
BSW	7976	327	278
CN	5223	227	186
GUE	6933	311	237
JER	6259	306	239
HOL	9608	360	308
MS	6539	229	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 * [(360+50*.5) / (9608+1000*.5) - (360/9608)]
= 200 * [(360+25) / (9608+500) - (0.03747)]
= 200 * [0.03809 - 0.03747]
= 200 * 0.00062
= 0.12

EBVPROT% = 200 * [(308+40*.5) / (9608+1000*.5) - (308/9608)]
= 200 * [(308+20) / (9608+500) - (0.03206)]
= 200 * [0.03245 - 0.03206]
= 200 * 0.00039
= 0.08