

AYS	CONFORMATION	AUS	CONFORMATION	-43.377	0.382	0.32
AYS	FEET AND LEGS	AUS	OVERALL FEET & LEG	-11.779	0.090	
AYS	MAMMARY SYSTEM	AUS	OVERALL UDDER SCORE	-56.195	0.518	
AYS	STATURE	AUS	STATURE	-57.337	0.516	
AYS	CHEST WIDTH	AUS	CHEST WIDTH	-51.090	0.520	
AYS	BODY DEPTH	AUS	BODY DEPTH	-60.346	0.583	
AYS	PIN WIDTH	AUS	RUMP WIDTH	-59.996	0.584	
AYS	RUMP ANGLE	AUS	RUMP ANGLE	-77.867	0.768	
AYS	FOOT ANGLE	AUS	FOOT ANGLE	-64.463	0.642	
AYS	REAR LEGS SIDE VIEW	AUS	REAR LEG SET	-89.942	0.953	
AYS	REAR LEG REAR VIEW	AUS	REAR LEG REAR VIEW	-79.787	0.778	
AYS	UDDER DEPTH	AUS	UDDER DEPTH	-58.426	0.543	
AYS	MEDIAN SUSPENSORY	AUS	MEDIAN SUSPENSORY	-60.687	0.590	
AYS	FORE ATTACHMENT	AUS	FORE UDDER	-56.119	0.522	
AYS	TEAT PLACEMENT	AUS	FRONT TEAT PLACEMENT	-41.558	0.400	
AYS	TEAT LENGTH	AUS	TEAT LENGTH	-48.194	0.488	
AYS	REAR ATTACHMENT HEIGHT	AUS	REAR UDDER HEIGHT	-57.261	0.499	
AYS	REAR TEAT PLACEMENT	AUS	REAR TEAT PLACEMENT	-88.446	0.852	
AYS	ANGULARITY	AUS	ANGULARITY	-40.286	0.366	

Conversion Factors For Type. Source = INTERBULL MACE 1108
 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
AYS	CONFORMATION	DEU	OVERALL TYPE (RZE)	-23.619	0.248	0.53
AYS	FEET AND LEGS	DEU	OVERALL FEET & LEG	-46.207	0.458	
AYS	MAMMARY SYSTEM	DEU	OVERALL UDDER SCORE	-37.781	0.376	
AYS	STATURE	DEU	STATURE	-47.418	0.500	
AYS	CHEST WIDTH	DEU	CHEST WIDTH	-37.960	0.399	
AYS	BODY DEPTH	DEU	BODY DEPTH	-50.058	0.530	
AYS	PIN WIDTH	DEU	RUMP WIDTH	-57.445	0.621	
AYS	RUMP ANGLE	DEU	RUMP ANGLE	-60.194	0.562	
AYS	FOOT ANGLE	DEU	FOOT ANGLE	-42.585	0.439	
AYS	REAR LEGS SIDE VIEW	DEU	REAR LEG SET	-64.377	0.631	
AYS	REAR LEG REAR VIEW	DEU	REAR LEG REAR VIEW	-45.595	0.449	
AYS	UDDER DEPTH	DEU	UDDER DEPTH	-51.069	0.509	
AYS	MEDIAN SUSPENSORY	DEU	MEDIAN SUSPENSORY	-41.712	0.436	
AYS	FORE ATTACHMENT	DEU	FORE UDDER	-47.295	0.452	
AYS	FRONT TEAT PLACEMENT	DEU	FRONT TEAT PLACEMENT	-45.777	0.454	
AYS	TEAT LENGTH	DEU	TEAT LENGTH	-41.281	0.394	
AYS	REAR ATTACHMENT HEIGHT	DEU	REAR UDDER HEIGHT	-49.369	0.471	
AYS	REAR TEAT PLACEMENT	DEU	REAR TEAT PLACEMENT	-55.971	0.540	
AYS	ANGULARITY	DEU	ANGULARITY	-43.871	0.462	

Conversion Factors For Type. Source = INTERBULL MACE 1108

Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=DFS

c		c		f		a		b		t	
a		o		o		v		v		c	
n		u		r		a		a		o	
b		n		t		l		l		r	
r		t		r		u		u		r	
e		r		a		e		e		2	
a		y		i							
i		2		t							
d		t									
AYS	CONFORMATION	DFS	OVERALL CONFORMATION	-40.322	0.368	0.50					
AYS	FEET AND LEGS	DFS	OVERALL FEET & LEG	-50.524	0.481						
AYS	MAMMARY SYSTEM	DFS	OVERALL UDDER SCORE	-43.949	0.420						
AYS	STATURE	DFS	STATURE	-61.660	0.593						
AYS	CHEST WIDTH	DFS	CHEST WIDTH	-24.652	0.256						
AYS	BODY DEPTH	DFS	BODY DEPTH	-41.314	0.393						
AYS	PIN WIDTH	DFS	RUMP WIDTH	-48.829	0.479						
AYS	RUMP ANGLE	DFS	RUMP ANGLE	-53.127	0.543						
AYS	FOOT ANGLE	DFS	FOOT ANGLE	-15.534	0.162						
AYS	REAR LEGS SIDE VIEW	DFS	REAR LEG SET	-66.923	0.709						
AYS	REAR LEG REAR VIEW	DFS	REAR LEG REAR VIEW	-45.557	0.438						
AYS	UDDER DEPTH	DFS	UDDER DEPTH	-48.955	0.470						
AYS	MEDIAN SUSPENSORY	DFS	MEDIAN SUSPENSORY	-41.652	0.407						
AYS	FORE ATTACHMENT	DFS	FORE UDDER	-40.042	0.378						
AYS	FRONT TEAT PLACEMENT	DFS	FRONT TEAT PLACEMENT	-41.158	0.410						
AYS	TEAT LENGTH	DFS	TEAT LENGTH	-38.658	0.373						
AYS	REAR ATTACHMENT HEIGHT	DFS	REAR UDDER HEIGHT	-49.769	0.441						
AYS	REAR TEAT PLACEMENT	DFS	REAR TEAT PLACEMENT	-48.187	0.460						
AYS	ANGULARITY	DFS	ANGULARITY	-46.258	0.427						

 Conversion Factors For Type. Source = INTERBULL MACE 1108
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=GBR

c		c		f		a		b		t	
a		o		o		v		v		c	
n		u		r		a		a		o	
b		n		t		l		l		r	
r		t		r		u		u		r	
e		r		a		e		e		2	
a		y		i							
i		2		t							
d		t									
AYS	CONFORMATION	GBR	CONFORMATION	0.443	3.047	0.64					
AYS	FEET AND LEGS	GBR	OVERALL FEET & LEG	-0.977	2.641						
AYS	MAMMARY SYSTEM	GBR	OVERALL UDDER SCORE	-0.228	3.202						
AYS	STATURE	GBR	STATURE	-2.456	4.460						
AYS	CHEST WIDTH	GBR	CHEST WIDTH	2.187	3.609						
AYS	BODY DEPTH	GBR	BODY DEPTH	0.630	3.413						
AYS	PIN WIDTH	GBR	RUMP WIDTH	0.598	3.658						
AYS	RUMP ANGLE	GBR	RUMP ANGLE	-2.205	4.526						
AYS	FOOT ANGLE	GBR	FOOT ANGLE	0.166	2.987						

AYS	REAR LEGS SIDE VIEW	GBR	REAR LEG SET	1.700	2.978
AYS	UDDER DEPTH	GBR	UDDER DEPTH	-0.934	2.596
AYS	MEDIAN SUSPENSORY	GBR	MEDIAN SUSPENSORY	0.599	2.738
AYS	FORE ATTACHMENT	GBR	FORE UDDER	1.003	2.884
AYS	TEAT PLACEMENT	GBR	FRONT TEAT PLACEMENT	2.463	3.505
AYS	TEAT LENGTH	GBR	TEAT LENGTH	-1.080	3.123
AYS	REAR ATTACHMENT HEIGHT	GBR	REAR UDDER HEIGHT	-1.783	2.818
AYS	REAR TEAT PLACEMENT	GBR	REAR TEAT PLACEMENT	-3.209	1.144
AYS	ANGULARITY	GBR	ANGULARITY	-2.003	3.521

Conversion Factors For Type. Source = INTERBULL MACE 1108
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=NOR

	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
AYS	CONFORMATION	NOR	OVERALL CONFORMATION	-25.849	0.219	0.25		
AYS	FEET AND LEGS	NOR	OVERALL FEET & LEG	-36.492	0.336			
AYS	MAMMARY SYSTEM	NOR	OVERALL UDDER SCORE	-33.113	0.270			
AYS	STATURE	NOR	STATURE	-53.951	0.467			
AYS	CHEST WIDTH	NOR	CHEST WIDTH	-29.963	0.316			
AYS	RUMP ANGLE	NOR	RUMP ANGLE	-45.980	0.471			
AYS	FOOT ANGLE	NOR	FOOT ANGLE	-6.678	0.065			
AYS	REAR LEGS SIDE VIEW	NOR	REAR LEG SET	-43.725	0.481			
AYS	REAR LEG REAR VIEW	NOR	REAR LEG REAR VIEW	-28.818	0.273			
AYS	UDDER DEPTH	NOR	UDDER DEPTH	-39.937	0.344			
AYS	MEDIAN SUSPENSORY	NOR	MEDIAN SUSPENSORY	-14.150	0.111			
AYS	FORE ATTACHMENT	NOR	FORE UDDER	-36.883	0.324			
AYS	FRONT TEAT PLACEMENT	NOR	FRONT TEAT PLACEMENT	-48.321	0.446			
AYS	TEAT LENGTH	NOR	TEAT LENGTH	-22.997	0.222			
AYS	REAR ATTACHMENT HEIGHT	NOR	REAR UDDER HEIGHT	-37.161	0.284			
AYS	REAR TEAT PLACEMENT	NOR	REAR TEAT PLACEMENT	33.459	-0.379			

Conversion Factors For Type. Source = INTERBULL MACE 1108
 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

JER	6274	307	240
HOL	9607	359	308
MS	6366	226	209

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

EXAMPLE:

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

$EBVFAT\% = 200 * [(359 + 50 * .5) / (9607 + 1000 * .5) - (359 / 9607)]$
 $= 200 * [(359 + 25) / (9607 + 500) - (0.03737)]$
 $= 200 * [0.03799 - 0.03737]$
 $= 200 * 0.00062$
 $= 0.12$

$EBVPROT\% = 200 * [(308 + 40 * .5) / (9607 + 1000 * .5) - (308 / 9607)]$
 $= 200 * [(308 + 20) / (9607 + 500) - (0.03206)]$
 $= 200 * [0.03245 - 0.03206]$
 $= 200 * 0.00039$
 $= 0.08$