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 Conversion Factors For Production Traits. Source: INTERBULL 2204
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = PCORR2*Foreign Reliability

breed	country2	amilk	bmilk	afat	bfat	aprot	bprot	pcorr2
MSH	AUS	310.50	0.7840	32.100	1.2230	11.900	0.7680	0.4900
MSH	CAN	474.90	0.5680	33.000	0.6860	14.800	0.4380	0.6561
MSH	DEU	876.90	0.5250	67.200	0.7530	30.500	0.4410	0.6400
MSH	DFS	-2314.80	33.9820	-101.100	1.7370	-42.600	0.8050	0.6561
MSH	EST	896.60	0.7190	56.600	0.9340	30.000	0.5830	0.6561
MSH	GBR	218.00	1.4180	19.100	2.1560	9.000	1.4350	0.6561
MSH	IRL	855.10	2.0097	50.426	2.3883	26.774	1.5660	0.5776
MSH	LTU	150.43	1.1123	27.434	1.1826	11.136	0.9085	0.6241
MSH	LVA	732.20	1.2140	47.100	1.5360	24.000	1.0550	0.6400
MSH	NLD	1446.52	0.4467	84.802	0.6376	44.182	0.3327	0.6561
MSH	NOR	-1695.70	27.4300	-79.300	1.4290	-33.700	0.6890	0.6561
MSH	NZL	369.50	0.8690	52.000	1.0780	20.700	0.7390	0.4489
MSH	USA	332.20	0.5600	21.000	0.7820	10.300	0.4750	0.8100
MSH	ZAF	370.01	0.5929	26.269	0.9425	11.417	0.5524	0.6724

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 Conversion Factors For SCS Traits. Source: INTERBULL 2204
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = SCORR2*Foreign Reliability

breed	country2	a	b	scorr2
MSH	AUS	98.700	-20.9710	0.7744
MSH	CAN	8.600	0.9560	0.7921
MSH	DEU	62.700	0.4010	0.8100
MSH	DFS	61.200	0.4430	0.8100
MSH	EST	73.100	0.3050	0.8100
MSH	GBR	103.000	-0.5190	0.8100
MSH	LTU	101.045	-16.6411	0.7921
MSH	LVA	103.000	-0.0130	0.7744
MSH	NLD	-30.481	1.3645	0.8100
MSH	NOR	63.400	0.4070	0.7921
MSH	NZL	98.400	-13.0420	0.7396
MSH	USA	175.000	-24.2070	0.6889
MSH	ZAF	104.621	-0.2246	0.7921

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 Conversion Factors For Type. Source = INTERBULL MACE 2204
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=AUS

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

MSH	CONFORMATION	AUS	CONFORMATION	4.105	3.9826	0.5
2						
MSH	FEET AND LEGS	AUS	OVERALL FEET & LEG	2.964	8.0087	
MSH	MAMMARY SYSTEM	AUS	OVERALL UDDER SCORE	4.585	3.5617	
MSH	STATURE	AUS	STATURE	0.291	7.7920	
MSH	CHEST WIDTH	AUS	CHEST WIDTH	3.755	12.9077	
MSH	BODY DEPTH	AUS	BODY DEPTH	1.316	8.2487	
MSH	PIN WIDTH	AUS	RUMP WIDTH	1.695	12.4692	
MSH	RUMP ANGLE	AUS	RUMP ANGLE	-1.640	12.2237	
MSH	FOOT ANGLE	AUS	FOOT ANGLE	2.166	21.9982	
MSH	REAR LEGS SIDE VIEW	AUS	REAR LEG SET	-0.186	24.0651	
MSH	REAR LEG REAR VIEW	AUS	REAR LEG REAR VIEW	2.317	26.8725	
MSH	UDDER DEPTH	AUS	UDDER DEPTH	-0.923	7.8121	
MSH	MEDIAN SUSPENSORY	AUS	MEDIAN SUSPENSORY	2.153	13.8261	
MSH	FORE ATTACHMENT	AUS	FORE UDDER	4.271	13.7692	
MSH	TEAT PLACEMENT	AUS	FRONT TEAT PLACEMENT	3.555	11.6302	
MSH	TEAT LENGTH	AUS	TEAT LENGTH	-3.060	12.8992	
MSH	REAR ATTACHMENT HEIGHT	AUS	REAR UDDER HEIGHT	0.771	10.6184	
MSH	REAR TEAT PLACEMENT	AUS	REAR TEAT PLACEMENT	1.228	14.9053	
MSH	ANGULARITY	AUS	ANGULARITY	2.257	12.3253	

Conversion Factors For Type. Source = INTERBULL MACE 2204
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=CAN

	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 d	i t	y 2	i t	u e	u e	r 2
MSH	CONFORMATION	CAN	CONFORMATION	7.490	0.7810	0.5
MSH	FEET AND LEGS	CAN	OVERALL FEET & LEG	7.779	1.0739	
MSH	MAMMARY SYSTEM	CAN	OVERALL UDDER SCORE	10.578	0.8957	
MSH	STATURE	CAN	STATURE	4.623	0.7941	
MSH	CHEST WIDTH	CAN	CHEST WIDTH	1.515	0.7565	
MSH	BODY DEPTH	CAN	BODY DEPTH	1.255	0.6771	
MSH	PIN WIDTH	CAN	RUMP WIDTH	5.214	0.9912	
MSH	RUMP ANGLE	CAN	RUMP ANGLE	0.416	0.8681	
MSH	FOOT ANGLE	CAN	FOOT ANGLE	4.584	1.0077	
MSH	REAR LEGS SIDE VIEW	CAN	REAR LEG SET	-1.346	0.7847	
MSH	REAR LEG REAR VIEW	CAN	REAR LEG REAR VIEW	4.213	0.7441	
MSH	UDDER DEPTH	CAN	UDDER DEPTH	3.171	0.7390	
MSH	MEDIAN SUSPENSORY	CAN	MEDIAN SUSPENSORY	5.649	0.7948	
MSH	FORE ATTACHMENT	CAN	FORE UDDER	8.657	0.8691	
MSH	TEAT PLACEMENT	CAN	FRONT TEAT PLACEMENT	3.919	1.0756	
MSH	TEAT LENGTH	CAN	TEAT LENGTH	-4.950	1.4178	
MSH	REAR ATTACHMENT HEIGHT	CAN	REAR UDDER HEIGHT	8.226	0.9052	
MSH	REAR TEAT PLACEMENT	CAN	REAR TEAT PLACEMENT	3.557	0.9557	
MSH	ANGULARITY	CAN	ANGULARITY	6.911	0.7040	

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Conversion Factors For Type. Source = INTERBULL MACE 2204
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=DEU

b r e e d	c a n t r y 2	c o u n t r y 2	f o r e i g n c o u n t r y 2	a v e r a g e	b v e r a g e	t c o r r e c t i o n
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MSH	FEET AND LEGS	DEU	OVERALL FEET & LEG	-26.956	0.3672
MSH	MAMMARY SYSTEM	DEU	OVERALL UDDER SCORE	-22.088	0.3199
MSH	STATURE	DEU	STATURE	-33.162	0.3944
MSH	CHEST WIDTH	DEU	CHEST WIDTH	-40.228	0.4478
MSH	BODY DEPTH	DEU	BODY DEPTH	-38.580	0.4120
MSH	PIN WIDTH	DEU	RUMP WIDTH	-51.572	0.5847
MSH	RUMP ANGLE	DEU	RUMP ANGLE	-58.713	0.5608
MSH	FOOT ANGLE	DEU	FOOT ANGLE	-32.891	0.4181
MSH	REAR LEGS SIDE VIEW	DEU	REAR LEG SET	-65.350	0.6001
MSH	REAR LEG REAR VIEW	DEU	REAR LEG REAR VIEW	-42.868	0.5050
MSH	UDDER DEPTH	DEU	UDDER DEPTH	-28.819	0.3262
MSH	MEDIAN SUSPENSORY	DEU	MEDIAN SUSPENSORY	-34.430	0.3926
MSH	FORE ATTACHMENT	DEU	FORE UDDER	-35.178	0.4245
MSH	TEAT PLACEMENT	DEU	FRONT TEAT PLACEMENT	-44.145	0.4808
MSH	TEAT LENGTH	DEU	TEAT LENGTH	-59.624	0.5260
MSH	REAR ATTACHMENT HEIGHT	DEU	REAR UDDER HEIGHT	-28.653	0.3488
MSH	REAR TEAT PLACEMENT	DEU	REAR TEAT PLACEMENT	-37.547	0.3865
MSH	ANGULARITY	DEU	ANGULARITY	-34.121	0.4102

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 Conversion Factors For Type. Source = INTERBULL MACE 2204
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 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=DFS

	c	c	f			
	a	o	o		a	b
	n	u	r		v	v
b	t	n	t		a	a
r	r	t	r		l	l
e	a	r	a		u	u
e	i	y	i		e	e
d	t	2	t			2
MSH	CONFORMATION	DFS	CONFORMATION	-44.773	0.4681	0.5
9						
MSH	FEET AND LEGS	DFS	OVERALL FEET & LEG	-34.745	0.4108	
MSH	MAMMARY SYSTEM	DFS	OVERALL UDDER SCORE	-42.903	0.5195	

MSH	STATURE	DFS	STATURE	-55.843	0.5880
MSH	CHEST WIDTH	DFS	CHEST WIDTH	-37.266	0.4042
MSH	BODY DEPTH	DFS	BODY DEPTH	-36.674	0.3566
MSH	PIN WIDTH	DFS	RUMP WIDTH	-52.494	0.5607
MSH	RUMP ANGLE	DFS	RUMP ANGLE	-50.664	0.5180
MSH	FOOT ANGLE	DFS	FOOT ANGLE	-65.531	0.6918
MSH	REAR LEGS SIDE VIEW	DFS	REAR LEG SET	-59.734	0.6069
MSH	REAR LEG REAR VIEW	DFS	REAR LEG REAR VIEW	-40.501	0.4507
MSH	UDDER DEPTH	DFS	UDDER DEPTH	-35.740	0.3976
MSH	MEDIAN SUSPENSORY	DFS	MEDIAN SUSPENSORY	-32.527	0.3414
MSH	FORE ATTACHMENT	DFS	FORE UDDER	-38.342	0.4579
MSH	TEAT PLACEMENT	DFS	FRONT TEAT PLACEMENT	-47.966	0.5261
MSH	TEAT LENGTH	DFS	TEAT LENGTH	-72.509	0.6686
MSH	REAR ATTACHMENT HEIGHT	DFS	REAR UDDER HEIGHT	-44.901	0.4879
MSH	REAR TEAT PLACEMENT	DFS	REAR TEAT PLACEMENT	-43.924	0.4441
MSH	ANGULARITY	DFS	ANGULARITY	-56.926	0.5931

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Conversion Factors For Type. Source = INTERBULL MACE 2204
 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
MSH	FEET AND LEGS	GBR	OVERALL FEET & LEG	6.806	3.8439	
MSH	MAMMARY SYSTEM	GBR	OVERALL UDDER SCORE	10.789	3.4439	
MSH	STATURE	GBR	STATURE	1.960	3.9757	
MSH	CHEST WIDTH	GBR	CHEST WIDTH	4.779	3.1652	

MSH	BODY DEPTH	GBR	BODY DEPTH	2.576	2.5882
MSH	PIN WIDTH	GBR	RUMP WIDTH	4.314	4.2205
MSH	RUMP ANGLE	GBR	RUMP ANGLE	-1.293	3.2944
MSH	FOOT ANGLE	GBR	FOOT ANGLE	2.344	4.0924
MSH	REAR LEGS SIDE VIEW	GBR	REAR LEG SET	-2.463	3.2650
MSH	UDDER DEPTH	GBR	UDDER DEPTH	2.591	2.3160
MSH	MEDIAN SUSPENSORY	GBR	MEDIAN SUSPENSORY	4.917	2.6701
MSH	FORE ATTACHMENT	GBR	FORE UDDER	9.441	3.5075
MSH	TEAT PLACEMENT	GBR	FRONT TEAT PLACEMENT	6.614	4.1812
MSH	TEAT LENGTH	GBR	TEAT LENGTH	-5.197	5.0531
MSH	REAR ATTACHMENT HEIGHT	GBR	REAR UDDER HEIGHT	6.768	3.6678
MSH	ANGULARITY	GBR	ANGULARITY	3.159	4.0448

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Conversion Factors For Type. Source = INTERBULL MACE 2204
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=LVA

	c	c	f			
	a	o	o		a	b
	n	u	r		v	v
b	t	n	t		a	a
r	r	t	r		l	l
e	a	r	a		u	u
e	i	y	i		e	e
d	t	2	t			
MSH	STATURE	LVA	STATURE	-8.143	8.1558	
MSH	CHEST WIDTH	LVA	CHEST WIDTH	-1.027	16.9671	
MSH	BODY DEPTH	LVA	BODY DEPTH	-2.381	12.7627	
MSH	PIN WIDTH	LVA	RUMP WIDTH	-3.892	15.0209	
MSH	RUMP ANGLE	LVA	RUMP ANGLE	-9.759	12.4650	
MSH	FOOT ANGLE	LVA	FOOT ANGLE	2.166	25.5104	
MSH	REAR LEGS SIDE VIEW	LVA	REAR LEG SET	-13.183	20.2766	
MSH	REAR LEG REAR VIEW	LVA	REAR LEG REAR VIEW	0.697	23.1259	
MSH	UDDER DEPTH	LVA	UDDER DEPTH	-4.428	9.8895	

MSH	MEDIAN SUSPENSORY	LVA	MEDIAN SUSPENSORY	-1.750	15.0787
MSH	FORE ATTACHMENT	LVA	FORE UDDER	-3.897	15.5423
MSH	TEAT PLACEMENT	LVA	FRONT TEAT PLACEMENT	-3.857	16.5911
MSH	TEAT LENGTH	LVA	TEAT LENGTH	-10.727	14.4364
MSH	REAR ATTACHMENT HEIGHT	LVA	REAR UDDER HEIGHT	-6.948	13.6463
MSH	REAR TEAT PLACEMENT	LVA	REAR TEAT PLACEMENT	-8.266	15.3259
MSH	ANGULARITY	LVA	ANGULARITY	-8.463	20.4145

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Conversion Factors For Type. Source = INTERBULL MACE 2204
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=NLD

	c	c	f			
	a	o	o		a	b
	n	u	r		v	v
b	t	n	t		a	a
r	r	t	r		l	l
e	a	r	a		u	u
e	i	y	i		e	e
d	t	2	t			2
MSH	CONFORMATION	NLD	CONFORMATION	-143.302	1.6207	0.6
2						
MSH	FEET AND LEGS	NLD	OVERALL FEET & LEG	-71.835	0.8111	
MSH	MAMMARY SYSTEM	NLD	OVERALL UDDER SCORE	-115.729	1.3550	
MSH	STATURE	NLD	STATURE	-89.447	1.0424	
MSH	CHEST WIDTH	NLD	CHEST WIDTH	-105.963	1.1802	
MSH	BODY DEPTH	NLD	BODY DEPTH	-83.556	0.9600	
MSH	PIN WIDTH	NLD	RUMP WIDTH	-83.142	0.9443	
MSH	RUMP ANGLE	NLD	RUMP ANGLE	-89.343	0.8959	
MSH	FOOT ANGLE	NLD	FOOT ANGLE	-120.232	1.3007	
MSH	REAR LEGS SIDE VIEW	NLD	REAR LEG SET	-112.055	1.0588	
MSH	REAR LEG REAR VIEW	NLD	REAR LEG REAR VIEW	-96.820	1.0416	
MSH	UDDER DEPTH	NLD	UDDER DEPTH	-91.490	0.9971	
MSH	MEDIAN SUSPENSORY	NLD	MEDIAN SUSPENSORY	-93.546	1.0098	

MSH	FORE ATTACHMENT	NLD	FORE UDDER	-117.082	1.3031
MSH	TEAT PLACEMENT	NLD	FRONT TEAT PLACEMENT	-123.550	1.3471
MSH	TEAT LENGTH	NLD	TEAT LENGTH	-136.741	1.3447
MSH	REAR ATTACHMENT HEIGHT	NLD	REAR UDDER HEIGHT	-99.766	1.1644
MSH	REAR TEAT PLACEMENT	NLD	REAR TEAT PLACEMENT	-101.819	1.0847
MSH	ANGULARITY	NLD	ANGULARITY	-91.554	1.0995

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Conversion Factors For Type. Source = INTERBULL MACE 2204
Converted Canadian Proof = A + (B* Foreign Proof)
Converted Proof Reliability = TCORR2*Foreign Reliability

country2=NOR

	c	c	f			
	a	o	o		a	b
	n	u	r		v	v
b	t	n	t		a	a
r	r	t	r		l	l
e	a	r	a		u	u
e	i	y	i		e	e
d	t	2	t			2
MSH	CONFORMATION	NOR	CONFORMATION	-29.113	0.3009	0.5
6						
MSH	FEET AND LEGS	NOR	OVERALL FEET & LEG	-38.295	0.3970	
MSH	MAMMARY SYSTEM	NOR	OVERALL UDDER SCORE	-37.642	0.3884	
MSH	STATURE	NOR	STATURE	-39.135	0.3767	
MSH	CHEST WIDTH	NOR	CHEST WIDTH	-30.271	0.3721	
MSH	BODY DEPTH	NOR	BODY DEPTH	-28.398	0.2753	
MSH	PIN WIDTH	NOR	RUMP WIDTH	-36.176	0.4253	
MSH	RUMP ANGLE	NOR	RUMP ANGLE	-40.535	0.4266	
MSH	FOOT ANGLE	NOR	FOOT ANGLE	-44.373	0.4654	
MSH	REAR LEGS SIDE VIEW	NOR	REAR LEG SET	-44.367	0.4493	
MSH	REAR LEG REAR VIEW	NOR	REAR LEG REAR VIEW	-34.906	0.3697	
MSH	UDDER DEPTH	NOR	UDDER DEPTH	-31.244	0.2963	
MSH	MEDIAN SUSPENSORY	NOR	MEDIAN SUSPENSORY	-39.483	0.3787	
MSH	FORE ATTACHMENT	NOR	FORE UDDER	-41.356	0.4399	
MSH	TEAT PLACEMENT	NOR	FRONT TEAT PLACEMENT	-44.224	0.4420	

MSH	TEAT LENGTH	NOR	TEAT LENGTH	-62.507	0.5566
MSH	REAR ATTACHMENT HEIGHT	NOR	REAR UDDER HEIGHT	-41.459	0.3943
MSH	REAR TEAT PLACEMENT	NOR	REAR TEAT PLACEMENT	-39.611	0.4061
MSH	ANGULARITY	NOR	ANGULARITY	-38.662	0.3511

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Conversion Factors For Type. Source = INTERBULL MACE 2204
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
MSH	CONFORMATION	NZL	CONFORMATION	1.509	16.6263	0.5
2						
MSH	MAMMARY SYSTEM	NZL	OVERALL UDDER SCORE	0.842	15.3900	
MSH	STATURE	NZL	STATURE	-6.162	10.4640	
MSH	CHEST WIDTH	NZL	CHEST WIDTH	3.701	15.4191	
MSH	BODY DEPTH	NZL	BODY DEPTH	1.461	11.3414	
MSH	PIN WIDTH	NZL	RUMP WIDTH	-0.381	18.0952	
MSH	RUMP ANGLE	NZL	RUMP ANGLE	-4.380	17.9690	
MSH	REAR LEGS SIDE VIEW	NZL	REAR LEG SET	1.621	45.2106	
MSH	MEDIAN SUSPENSORY	NZL	MEDIAN SUSPENSORY	-0.029	13.9121	
MSH	FORE ATTACHMENT	NZL	FORE UDDER	1.014	14.0915	
MSH	TEAT PLACEMENT	NZL	FRONT TEAT PLACEMENT	-2.387	25.4997	
MSH	TEAT LENGTH	NZL	TEAT LENGTH	3.294	19.0348	
MSH	REAR ATTACHMENT HEIGHT	NZL	REAR UDDER HEIGHT	1.311	15.5158	
MSH	REAR TEAT PLACEMENT	NZL	REAR TEAT PLACEMENT	-2.699	17.7549	

Conversion Factors For Type. Source = INTERBULL MACE 2204
 Converted Canadian Proof = A + (B* Foreign Proof)
 Converted Proof Reliability = TCORR2*Foreign Reliability

country2=USA

	c a n t r y 2	c o u n t r y 2	f o r e i g n c o u n t r y 2	a d j u s t e d	b i a s e d	t c o r r e c t e d
MSH	CONFORMATION	USA	CONFORMATION	8.423	8.6136	0.6
MSH	FEET AND LEGS	USA	OVERALL FEET & LEG	6.278	4.0588	
MSH	MAMMARY SYSTEM	USA	OVERALL UDDER SCORE	10.535	5.3679	
MSH	STATURE	USA	STATURE	4.586	2.1518	
MSH	CHEST WIDTH	USA	CHEST WIDTH	3.410	4.1404	
MSH	BODY DEPTH	USA	BODY DEPTH	3.062	3.1506	
MSH	PIN WIDTH	USA	RUMP WIDTH	5.517	4.1028	
MSH	RUMP ANGLE	USA	RUMP ANGLE	-1.296	3.1071	
MSH	FOOT ANGLE	USA	FOOT ANGLE	3.097	5.9159	
MSH	REAR LEGS SIDE VIEW	USA	REAR LEG SET	-3.393	5.9970	
MSH	REAR LEG REAR VIEW	USA	REAR LEG REAR VIEW	4.180	-5.3885	
MSH	UDDER DEPTH	USA	UDDER DEPTH	3.123	3.1821	
MSH	MEDIAN SUSPENSORY	USA	MEDIAN SUSPENSORY	3.392	3.8423	
MSH	FORE ATTACHMENT	USA	FORE UDDER	8.687	3.5091	
MSH	TEAT PLACEMENT	USA	FRONT TEAT PLACEMENT	4.122	4.3698	
MSH	TEAT LENGTH	USA	TEAT LENGTH	-3.731	4.2623	
MSH	REAR ATTACHMENT HEIGHT	USA	REAR UDDER HEIGHT	8.075	3.5957	
MSH	REAR TEAT PLACEMENT	USA	REAR TEAT PLACEMENT	3.624	4.0386	
MSH	ANGULARITY	USA	ANGULARITY	7.537	4.6356	

 CALCULATION OF FAT% AND PROTEIN% FOR APRIL 2022

BREED BMILK BFAT BPRT

AYS	8014	334	275
BSW	8483	359	303
CN	5938	257	216
GUE	6927	318	245
JER	7049	364	274
HOL	10834	430	355
MS	7485	288	248

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% = $200 * [(430 + 50 * 0.5) / (10834 + 1000 * 0.5) - (430 / 11E3)]$
 = $200 * [(430 + 25) / (10834 + 500) - (0.03969)]$
 = $200 * [0.04014 - 0.03969]$
 = $200 * 0.00045$
 = 0.09

EBVPROT% = $200 * [(355 + 40 * 0.5) / (10834 + 1000 * 0.5) - (355 / 11E3)]$
 = $200 * [(355 + 20) / (10834 + 500) - (0.03277)]$
 = $200 * [0.03309 - 0.03277]$
 = $200 * 0.00032$
 = 0.06