

Guernsey Type conversions

December 2023

When to use these formulas

These conversions should only be used for converting cow evaluations and bulls which do not have an Interbull evaluation. Please check with AHDB Dairy if in doubt.

The formulae provide a guide only to the expected evaluations of the relevant bull or cow in the UK.

How to convert a foreign proof using figures in the table below

$$\text{Approximate UK PTA} = a + (b * \text{Foreign proof})$$

				a		b		
GUE	sta	GBR	=	0.9	+	1.338	*	AUS
GUE	cwi	GBR	=	-0.29	+	4.228	*	AUS
GUE	bde	GBR	=	0.46	+	2.652	*	AUS
GUE	ang	GBR	=	0.74	+	3.288	*	AUS
GUE	ran	GBR	=	0	+	2.055	*	AUS
GUE	rwi	GBR	=	0.52	+	2.066	*	AUS
GUE	rls	GBR	=	-0.38	+	4.51	*	AUS
GUE	fan	GBR	=	0.07	+	4.999	*	AUS
GUE	fua	GBR	=	-0.43	+	3.003	*	AUS
GUE	ruh	GBR	=	0.38	+	4.164	*	AUS
GUE	usu	GBR	=	0.29	+	4.242	*	AUS
GUE	ude	GBR	=	-0.07	+	2.36	*	AUS
GUE	ftp	GBR	=	-0.34	+	2.923	*	AUS
GUE	ftl	GBR	=	0.84	+	1.878	*	AUS
GUE	ocs	GBR	=	1.79	+	1.624	*	AUS
GUE	ous	GBR	=	-0.16	+	1.166	*	AUS
GUE	ofl	GBR	=	-0.03	+	1.403	*	AUS

GUE	sta	GBR	=	1.17	+	0.18	*	CAN
GUE	cwi	GBR	=	0.1	+	0.241	*	CAN
GUE	bde	GBR	=	0.49	+	0.209	*	CAN
GUE	ang	GBR	=	0.97	+	0.186	*	CAN
GUE	ran	GBR	=	0.03	+	0.252	*	CAN
GUE	rwi	GBR	=	0.4	+	0.206	*	CAN
GUE	rls	GBR	=	0.2	+	0.173	*	CAN
GUE	fan	GBR	=	-0.13	+	0.156	*	CAN
GUE	fua	GBR	=	-0.37	+	0.185	*	CAN
GUE	ruh	GBR	=	0.95	+	0.209	*	CAN
GUE	usu	GBR	=	0.02	+	0.187	*	CAN
GUE	ude	GBR	=	-0.2	+	0.216	*	CAN
GUE	ftp	GBR	=	-0.03	+	0.205	*	CAN
GUE	ftl	GBR	=	0.43	+	0.382	*	CAN
GUE	ocs	GBR	=	1.84	+	0.208	*	CAN
GUE	ous	GBR	=	0.1	+	0.145	*	CAN
GUE	ofl	GBR	=	-0.01	+	0.138	*	CAN

GUE	sta	GBR	=	1.1	+	0.425	*	USA
GUE	cwi	GBR	=	0.19	+	1.105	*	USA
GUE	bde	GBR	=	0.61	+	0.808	*	USA
GUE	ang	GBR	=	1	+	0.807	*	USA
GUE	ran	GBR	=	0.09	+	0.814	*	USA
GUE	rwi	GBR	=	0.56	+	0.843	*	USA
GUE	rls	GBR	=	0.13	+	1.872	*	USA
GUE	fan	GBR	=	0.13	+	1.513	*	USA
GUE	fua	GBR	=	0.05	+	0.744	*	USA
GUE	ruh	GBR	=	0.82	+	1.22	*	USA
GUE	usu	GBR	=	0.13	+	1.06	*	USA
GUE	ude	GBR	=	0.14	+	0.734	*	USA
GUE	ftp	GBR	=	0.13	+	0.764	*	USA
GUE	ftl	GBR	=	0.23	+	0.921	*	USA
GUE	ocs	GBR	=	2.1	+	2.155	*	USA
GUE	ous	GBR	=	0.45	+	1.523	*	USA
GUE	ofl	GBR	=	0.12	+	1.264	*	USA