Brown Swiss Type conversions

April 2024

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

Approximate UK PTA = a + (b * Foreign proof)

				a		**b**		
BSW	sta	GBR	=	0.04	+	0.132	*	CAN
BSW	cwi	GBR	=	-0.09	+	0.172	*	CAN
BSW	bde	GBR	=	-0.08	+	0.205	*	CAN
BSW	ang	GBR	=	0.11	+	0.08	*	CAN
BSW	ran	GBR	=	-0.06	+	0.264	*	CAN
BSW	rwi	GBR	=	-0.32	+	0.162	*	CAN
BSW	rls	GBR	=	0.48	+	0.165	*	CAN
BSW	fan	GBR	=	0	+	0.117	*	CAN
BSW	fua	GBR	=	0.66	+	0.198	*	CAN
BSW	ruh	GBR	=	-0.08	+	0.173	*	CAN
BSW	usu	GBR	=	-0.07	+	0.264	*	CAN
BSW	ude	GBR	=	0.6	+	0.307	*	CAN
BSW	ftp	GBR	=	0.05	+	0.181	*	CAN
BSW	ftl	GBR	=	0.01	+	0.219	*	CAN
BSW	ocs	GBR	=	0.31	+	0.163	*	CAN
BSW	ous	GBR	=	0.21	+	0.158	*	CAN
BSW	ofl	GBR	=	0.1	+	0.117	*	CAN

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BSW   sta   GBR   =         -6.33   +         0.064   *   CHE
BSW   cwi   GBR   =        -12.76   +         0.132   *   CHE
BSW   bde   GBR   =        -14.28   +         0.143   *   CHE
BSW   ang   GBR   =          5.99   +        -0.064   *   CHE
BSW   ran   GBR   =        -16.08   +         0.165   *   CHE
BSW   rwi   GBR   =         -8.79   +         0.089   *   CHE
BSW   rls   GBR   =         -9.76   +         0.102   *   CHE
BSW   fan   GBR   =         -6.14   +         0.061   *   CHE
BSW   fua   GBR   =         -9.22   +           0.1   *   CHE
BSW   ruh   GBR   =        -12.87   +         0.127   *   CHE
BSW   usu   GBR   =        -20.48   +         0.205   *   CHE
BSW   ude   GBR   =        -16.04   +         0.169   *   CHE
BSW   ftp   GBR   =         -9.58   +         0.098   *   CHE
BSW   ftl   GBR   =         -9.97   +         0.097   *   CHE
BSW   ocs   GBR   =        -14.53   +         0.153   *   CHE
BSW   ous   GBR   =         -9.39   +         0.098   *   CHE
BSW   ofl   GBR   =         -8.97   +         0.093   *   CHE

BSW   sta   GBR   =          -7.6   +         0.071   *   DEA
BSW   cwi   GBR   =        -10.96   +         0.106   *   DEA
BSW   bde   GBR   =        -14.17   +         0.135   *   DEA
BSW   ran   GBR   =        -14.92   +         0.152   *   DEA
BSW   rwi   GBR   =         -8.46   +         0.079   *   DEA
BSW   rls   GBR   =        -10.88   +          0.11   *   DEA
BSW   fan   GBR   =         -8.07   +         0.079   *   DEA
BSW   fua   GBR   =         -9.52   +         0.095   *   DEA
BSW   ruh   GBR   =        -13.09   +         0.123   *   DEA
BSW   usu   GBR   =        -20.17   +         0.194   *   DEA
BSW   ude   GBR   =        -16.58   +         0.162   *   DEA
BSW   ftp   GBR   =        -12.71   +         0.122   *   DEA
BSW   ftl   GBR   =        -12.45   +         0.127   *   DEA
BSW   ocs   GBR   =        -13.28   +         0.125   *   DEA
BSW   ous   GBR   =         -10.9   +         0.103   *   DEA
BSW   ofl   GBR   =         -7.94   +         0.077   *   DEA

BSW   sta   GBR   =          0.02   +         0.887   *   FRA
BSW   cwi   GBR   =         -0.11   +         1.383   *   FRA
BSW   bde   GBR   =         -0.37   +         1.477   *   FRA
BSW   ang   GBR   =         -0.12   +         0.673   *   FRA
BSW   ran   GBR   =          0.64   +         2.026   *   FRA
BSW   rwi   GBR   =          0.01   +         1.155   *   FRA
BSW   rls   GBR   =          0.12   +         1.386   *   FRA
BSW   fan   GBR   =         -0.13   +         0.997   *   FRA
BSW   fua   GBR   =          0.55   +         1.486   *   FRA
BSW   ruh   GBR   =         -0.29   +         1.795   *   FRA
BSW   usu   GBR   =          0.05   +         2.705   *   FRA
BSW   ude   GBR   =          0.59   +         2.141   *   FRA
BSW   ftp   GBR   =         -0.14   +          1.41   *   FRA
BSW   ftl   GBR   =          0.17   +         1.455   *   FRA
BSW   ocs   GBR   =           0.1   +         1.505   *   FRA
BSW   ous   GBR   =             0   +         1.353   *   FRA
BSW   ofl   GBR   =         -0.09   +         0.704   *   FRA
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BSW   sta   GBR   =        -6.47   +        0.059   *   ITA
BSW   cwi   GBR   =        -5.09   +        0.048   *   ITA
BSW   bde   GBR   =        -8.17   +        0.078   *   ITA
BSW   ran   GBR   =        -7.42   +        0.077   *   ITA
BSW   rwi   GBR   =        -6.13   +        0.056   *   ITA
BSW   rls   GBR   =        -4.85   +        0.052   *   ITA
BSW   fan   GBR   =        -5.15   +        0.046   *   ITA
BSW   fua   GBR   =        -6.71   +        0.065   *   ITA
BSW   ruh   GBR   =       -12.42   +        0.113   *   ITA
BSW   usu   GBR   =       -12.94   +        0.122   *   ITA
BSW   ude   GBR   =       -10.95   +        0.104   *   ITA
BSW   ftp   GBR   =        -6.33   +        0.057   *   ITA
BSW   ftl   GBR   =        -7.55   +        0.078   *   ITA
BSW   ocs   GBR   =       -17.36   +        0.164   *   ITA
BSW   ous   GBR   =       -14.65   +        0.137   *   ITA
BSW   ofl   GBR   =         -6.6   +         0.06   *   ITA

BSW   sta   GBR   =       -17.97   +        0.185   *   NLD
BSW   cwi   GBR   =       -27.12   +        0.274   *   NLD
BSW   bde   GBR   =        -30.3   +        0.323   *   NLD
BSW   ang   GBR   =       -15.23   +        0.169   *   NLD
BSW   ran   GBR   =       -40.06   +        0.397   *   NLD
BSW   rwi   GBR   =       -23.49   +        0.265   *   NLD
BSW   rls   GBR   =       -23.64   +        0.252   *   NLD
BSW   fan   GBR   =       -24.17   +        0.213   *   NLD
BSW   fua   GBR   =       -25.45   +        0.276   *   NLD
BSW   ruh   GBR   =       -32.23   +        0.367   *   NLD
BSW   usu   GBR   =       -55.76   +        0.596   *   NLD
BSW   ude   GBR   =        -45.1   +        0.485   *   NLD
BSW   ftp   GBR   =       -25.94   +        0.261   *   NLD
BSW   ftl   GBR   =       -29.56   +        0.289   *   NLD
BSW   ocs   GBR   =       -35.19   +        0.374   *   NLD
BSW   ous   GBR   =       -22.72   +        0.253   *   NLD
BSW   ofl   GBR   =       -24.74   +        0.233   *   NLD

BSW   sta   GBR   =        -6.15   +        0.048   *   SVN
BSW   cwi   GBR   =        -4.95   +        0.048   *   SVN
BSW   bde   GBR   =         -6.7   +         0.06   *   SVN
BSW   ran   GBR   =         -7.2   +        0.078   *   SVN
BSW   rwi   GBR   =        -5.25   +        0.043   *   SVN
BSW   rls   GBR   =        -5.14   +        0.056   *   SVN
BSW   fan   GBR   =        -5.02   +        0.044   *   SVN
BSW   fua   GBR   =        -5.06   +        0.042   *   SVN
BSW   ruh   GBR   =        -8.74   +        0.068   *   SVN
BSW   usu   GBR   =        -9.92   +        0.078   *   SVN
BSW   ude   GBR   =       -10.37   +        0.089   *   SVN
BSW   ftp   GBR   =        -8.99   +        0.072   *   SVN
BSW   ftl   GBR   =        -6.27   +        0.074   *   SVN
BSW   ocs   GBR   =        -9.95   +        0.074   *   SVN
BSW   ous   GBR   =        -8.37   +        0.063   *   SVN
BSW   ofl   GBR   =        -5.33   +        0.043   *   SVN
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BSW   sta   GBR   =        0.06   +       0.517   *   USA
BSW   cwi   GBR   =       -0.16   +       1.369   *   USA
BSW   bde   GBR   =       -0.02   +       1.819   *   USA
BSW   ang   GBR   =        0.23   +       0.632   *   USA
BSW   ran   GBR   =       -0.51   +       1.389   *   USA
BSW   rwi   GBR   =       -0.29   +       1.171   *   USA
BSW   rls   GBR   =        0.42   +       1.552   *   USA
BSW   fan   GBR   =       -0.06   +       1.261   *   USA
BSW   fua   GBR   =        0.67   +       1.055   *   USA
BSW   ruh   GBR   =        0.32   +       1.543   *   USA
BSW   usu   GBR   =        0.16   +       2.616   *   USA
BSW   ude   GBR   =        0.68   +       1.713   *   USA
BSW   ftp   GBR   =       -0.07   +       1.021   *   USA
BSW   ftl   GBR   =        0.28   +       0.872   *   USA
BSW   ocs   GBR   =        0.53   +       2.865   *   USA
BSW   ous   GBR   =        0.29   +       1.783   *   USA
BSW   ofl   GBR   =         0.5   +       1.276   *   USA
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