Brown Swiss

Conversion equations from foreign countries to France (Base 2023)

(Date of release : 05/04/2023)

Country of proof	Factor	Milk	Fat	Protein	Cell
Australia	**a**	-285.0	-13.30	-11.80	.
	b	1.210	1.220	1.070	.
Canada	**a**	-145.0	-6.300	-7.900	-14.68
	b	0.860	0.840	0.720	0.145
Germany and Austria	**a**	75.000	5.300	1.200	-8.230
	b	1.180	1.340	1.160	0.082
Italy	**a**	-544.0	-18.20	-18.00	-6.430
	b	0.850	0.990	0.780	0.060
Netherland	**a**	1143.0	41.700	30.400	-25.07
	b	0.830	0.880	0.760	0.255
New-Zealand	**a**	-172.0	10.200	-4.900	-0.810
	b	1.030	0.940	0.860	-2.130
Slovenia	**a**	-6437	-247.9	-207.8	-8.390
	b	56.190	2.150	1.780	0.079
Swizerland	**a**	-243.0	-12.00	-9.500	-9.090
	b	1.090	1.090	0.990	0.090
United Kingdom	**a**	-144.0	-6.400	-5.600	-0.120
	b	1.920	2.290	2.000	-0.085
United States of America	**a**	-165.0	-7.300	-10.00	12.520
	b	0.870	1.000	0.920	-4.239

Brown Swiss

Conversion equations from France to foreign countries (Base 2023)

(Date of Release : 05/04/2023)

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Australia	**a**	232.89	10.112	10.006	.
	b	0.475	0.442	0.405	.
Canada	**a**	130.70	5.650	8.910	101.79
	b	0.942	0.956	1.023	5.635
Germany and Austria	**a**	-100.5	-5.006	-2.716	100.52
	b	0.622	0.576	0.580	11.120
Italy	**a**	479.81	13.847	17.282	107.23
	b	0.816	0.774	0.884	13.357
Netherland	**a**	-1389	-48.19	-41.13	98.338
	b	0.820	0.779	0.788	3.275
New-Zealand	**a**	148.04	-11.81	3.891	-0.376
	b	0.583	0.705	0.564	-0.281
Slovenia	**a**	112.51	112.59	113.92	106.41
	b	0.012	0.327	0.352	8.357
Swizerland	**a**	136.71	7.194	4.772	101.83
	b	0.734	0.716	0.736	9.415
United Kingdom	**a**	54.670	2.315	1.978	-1.653
	b	0.404	0.342	0.367	-10.76
United States of America	**a**	183.20	5.942	8.750	2.932
	b	0.923	0.815	0.840	-0.181

Holstein

Conversion equations from foreign countries to France (Base 2023)

(Date of release : 05/04/2023)

Country of proof	Factor	Milk	Fat	Protein	Cell
Australia	**a**	-753.0	-19.40	-25.90	-1.180
	b	1.280	1.460	1.210	-3.580
Canada	**a**	-51.00	2.100	-7.900	-18.85
	b	0.730	0.760	0.700	0.188
Croatia	**a**	-4506	-170.2	-124.5	-8.550
	b	39.740	1.560	1.080	0.079
Czech Republic	**a**	-137.0	-3.300	-6.600	-7.350
	b	0.850	1.170	0.990	0.071
Denmark, Finland and Sweden	**a**	-5579	-221.1	-159.0	-9.030
	b	54.310	2.290	1.610	0.095
Estonia	**a**	-357.0	-5.500	-13.30	-5.730
	b	1.010	1.070	0.940	0.055
Germany and Austria	**a**	54.000	6.300	0.900	-8.220
	b	0.920	0.950	0.890	0.083
Germany and Austria (Red Hol)	**a**	-312.2	-3.010	-7.733	.
	b	0.920	0.950	0.890	.
Hungary	**a**	-94.00	-6.600	-10.70	-0.250
	b	0.710	0.740	0.640	-0.735
Ireland	**a**	-1704	-47.00	-50.60	-1.040
	b	3.530	3.290	2.970	-8.036
Israel	**a**	-261.0	3.200	-8.500	-0.260
	b	1.380	1.390	1.490	-4.055
Italy	**a**	-44.00	-2.200	-6.400	-18.28
	b	0.860	0.900	0.790	0.181
Japan	**a**	6.000	-7.800	-10.60	4.380
	b	0.960	1.010	0.970	-2.483
Latvia	**a**	-514.0	-13.60	-17.80	-0.630
	b	1.300	1.280	1.290	-0.002
Lituania	**a**	-1710	-45.00	-58.70	-0.470
	b	1.520	1.380	1.620	-2.900
Netherland (MRY)	**a**	-1681	-41.64	-33.68	-22.67
	b	0.860	0.870	0.820	0.231
Netherland (Red Hol)	**a**	-550.8	5.340	-3.340	-22.90
	b	0.860	0.870	0.820	0.231
Netherland and Flemish	**a**	-58.00	12.300	6.500	-22.90
	b	0.860	0.870	0.820	0.231
New-Zealand	**a**	-2427	-41.30	-56.10	-0.890
	b	1.420	1.230	1.150	-2.360

Holstein

Conversion equations from foreign countries to France (Base 2023)

(Date of release : 05/04/2023)

Country of proof	Factor	Milk	Fat	Protein	Cell
Poland	**a**	-406.0	-11.80	-15.70	-10.09
	b	1.400	1.370	1.410	0.097
Portugal	**a**	-154.0	-13.50	-14.30	-0.370
	b	0.890	1.150	0.870	-2.276
Rep. of South Africa	**a**	-382.0	-10.60	-16.70	-0.260
	b	0.990	1.030	0.930	-0.041
Slovak Republic	**a**	-477.0	-11.20	-18.00	7.090
	b	1.340	1.320	1.290	-2.604
Slovenia	**a**	-5994	-237.5	-197.2	-10.01
	b	52.810	2.130	1.680	0.092
Spain	**a**	-287.0	-17.50	-18.60	-10.23
	b	1.090	1.170	1.080	0.097
Swizerland	**a**	-840.0	-16.40	-24.90	-9.100
	b	1.000	0.960	0.950	0.089
United Kingdom	**a**	-388.0	-2.700	-13.00	-0.160
	b	1.960	2.300	2.100	-0.080
United States of America	**a**	-30.00	-0.100	-7.600	14.630
	b	0.800	0.930	0.900	-4.960
Walloon part of Belgium	**a**	-701.0	-25.10	-23.10	6.000
	b	1.380	1.360	1.410	-2.159

Holstein

Conversion equations from France to foreign countries (Base 2023)

(Date of Release : 05/04/2023)

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Australia	**a**	350.34	4.642	10.100	-0.305
	b	0.510	0.414	0.393	-0.194
Canada	**a**	73.808	-3.084	10.677	99.702
	b	1.151	1.139	1.154	4.732
Croatia	**a**	110.55	109.13	111.31	106.01
	b	0.012	0.320	0.428	8.443
Czech Republic	**a**	130.99	2.519	5.463	102.92
	b	0.897	0.657	0.668	10.845
Denmark, Finland and Sweden	**a**	100.32	93.917	95.765	95.106
	b	0.015	0.364	0.519	9.972
Estonia	**a**	232.94	1.821	8.031	102.54
	b	0.737	0.768	0.803	15.368
Germany and Austria	**a**	-91.13	-8.222	-2.987	98.613
	b	0.932	0.898	0.937	11.129
Germany and Austria (Red Hol)	**a**	279.76	0.576	6.099	.
	b	0.932	0.898	0.937	.
Hungary	**a**	103.96	6.357	11.795	-0.190
	b	0.972	1.045	1.190	-1.135
Ireland	**a**	387.62	8.129	10.409	-0.164
	b	0.250	0.224	0.257	-0.099
Israel	**a**	-167.8	-12.55	-4.257	-0.049
	b	0.511	0.496	0.483	-0.187
Italy	**a**	-18.61	0.523	3.922	100.59
	b	0.860	0.929	0.976	4.839
Japan	**a**	-38.46	6.139	8.951	1.793
	b	0.866	0.820	0.845	-0.319
Latvia	**a**	285.87	10.031	12.632	-200.3
	b	0.595	0.625	0.618	-385.3
Lituania	**a**	894.51	23.721	29.403	-0.118
	b	0.482	0.476	0.475	-0.274
Netherland (MRY)	**a**	1760.9	39.620	37.270	95.333
	b	0.946	0.913	0.985	3.698
Netherland (Red Hol)	**a**	517.55	-9.661	0.810	99.032
	b	0.946	0.913	0.985	3.698
Netherland and Flemish	**a**	-24.63	-16.96	-11.01	99.032
	b	0.946	0.913	0.985	3.698
New-Zealand	**a**	1251.0	12.418	25.301	-0.371
	b	0.478	0.473	0.444	-0.285

Holstein

Conversion equations from France to foreign countries (Base 2023)

(Date of Release : 05/04/2023)

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Poland	**a**	249.75	6.086	8.465	103.11
	b	0.581	0.618	0.583	9.064
Portugal	**a**	104.89	10.853	12.176	-0.121
	b	0.708	0.749	0.730	-0.339
Rep. of South Africa	**a**	300.79	11.644	14.942	-5.288
	b	0.677	0.574	0.631	-20.94
Slovak Republic	**a**	290.67	9.655	11.638	2.758
	b	0.502	0.451	0.495	-0.314
Slovenia	**a**	111.32	109.94	114.37	107.06
	b	0.015	0.341	0.478	8.145
Spain	**a**	280.36	15.863	17.663	105.08
	b	0.771	0.743	0.768	9.649
Swizerland	**a**	715.96	12.426	20.544	101.26
	b	0.835	0.858	0.901	9.623
United Kingdom	**a**	141.34	0.463	4.572	-1.140
	b	0.386	0.358	0.399	-11.23
United States of America	**a**	-35.68	-1.375	6.527	2.979
	b	1.003	0.957	0.921	-0.160
Walloon part of Belgium	**a**	570.45	17.889	19.058	2.841
	b	0.668	0.630	0.641	-0.426

Simmental

Conversion equations from foreign countries to France (Base 2023)

(Date of release : 05/04/2023)

Country of proof	Factor	Milk	Fat	Protein	Cell
Croatia	**a**	-6852	-258.1	-216.5	-9.460
	b	62.070	2.330	1.910	0.086
Germany and Austria	**a**	528.00	17.300	12.400	-8.070
	b	1.070	1.230	1.060	0.077
Hungary	**a**	-469.0	-21.90	-20.80	5.280
	b	1.340	1.370	1.280	-0.058
Ireland	**a**	78.000	3.200	-3.500	.
	b	3.310	3.040	2.770	.
Italy	**a**	197.00	3.000	2.900	-6.980
	b	1.140	1.120	1.090	0.068
Netherland and Flemish	**a**	1383.0	56.400	42.200	-23.89
	b	0.770	0.830	0.750	0.237
Slovenia	**a**	-7604	-295.2	-251.4	-9.920
	b	68.740	2.630	2.210	0.092
Swizerland	**a**	-1190	-45.70	-38.60	-8.890
	b	1.170	1.200	1.220	0.087
United Kingdom	**a**	543.00	15.400	12.400	-0.600
	b	2.560	2.990	2.630	-0.082
United States of America	**a**	1230.0	18.600	15.100	13.470
	b	1.000	1.190	1.090	-4.566

Simmental

Conversion equations from France to foreign countries (Base 2023)

(Date of Release : 05/04/2023)

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Croatia	**a**	112.68	112.70	114.79	108.11
	b	0.011	0.230	0.345	7.012
Germany and Austria	**a**	-566.9	-16.96	-14.79	103.57
	b	0.783	0.705	0.754	11.344
Hungary	**a**	417.92	17.103	17.118	90.689
	b	0.512	0.515	0.538	-14.66
Ireland	**a**	59.508	2.737	3.604	.
	b	0.225	0.211	0.236	.
Italy	**a**	-223.3	-5.624	-4.284	101.20
	b	0.584	0.642	0.590	11.084
Netherland and Flemish	**a**	-1809	-68.14	-56.49	100.70
	b	1.046	0.927	0.999	3.697
Slovenia	**a**	110.60	111.94	113.67	106.81
	b	0.011	0.258	0.323	7.987
Swizerland	**a**	1151.6	41.793	35.274	102.41
	b	0.799	0.760	0.761	9.664
United Kingdom	**a**	-210.5	-5.052	-4.789	-6.996
	b	0.305	0.267	0.297	-11.19
United States of America	**a**	-1165	-15.03	-11.20	2.972
	b	0.783	0.696	0.684	-0.174

Brown Swiss

Conversion equations from foreign countries to France 1/2 (Base 2023)

(Date of Release : 05/04/2023)

Country of proof	Factor	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	**a**	0.159	-0.064	0.051	-0.318	-0.228	0.221	-0.057	-0.019	0.095	0.042	.	0.099	0.027	-0.095
	b	0.142	0.099	0.097	0.134	0.130	0.119	0.097	0.118	0.142	0.088	.	0.103	0.088	0.140
Germany and Austria	**a**	-8.261	-6.896	-8.003	-7.956	-7.413	-7.778	-6.949	-9.174	-7.984	-7.418	-6.074	-7.451	-6.101	-8.416
	b	0.079	0.067	0.078	0.078	0.070	0.078	0.067	0.089	0.077	0.072	0.059	0.072	0.058	0.084
Italy	**a**	-6.798	-3.770	-4.847	-4.006	-5.066	-3.812	-5.087	-5.580	-5.136	-4.248	-5.364	-6.607	-5.706	-4.940
	b	0.063	0.037	0.048	0.038	0.046	0.040	0.045	0.050	0.047	0.040	0.051	0.061	0.053	0.049
Netherland	**a**	-19.74	-16.44	-16.11	-20.16	-20.12	-16.40	-20.48	-21.74	-21.09	-17.83	.	-16.59	-14.19	-18.33
	b	0.204	0.165	0.171	0.196	0.225	0.174	0.179	0.190	0.224	0.191	.	0.189	0.161	0.178
Slovenia	**a**	-6.324	-3.510	-3.462	-3.750	-4.431	-3.835	-4.201	-3.589	-4.663	-2.993	-4.214	-4.139	-4.324	-4.029
	b	0.051	0.034	0.031	0.037	0.037	0.041	0.035	0.031	0.038	0.025	0.034	0.033	0.035	0.046
Swizerland	**a**	-6.899	-8.136	-7.903	-8.420	-7.134	-7.088	-5.683	-7.492	-7.602	-6.740	-5.990	-6.873	-6.512	-6.509
	b	0.070	0.084	0.081	0.083	0.072	0.073	0.056	0.077	0.078	0.068	0.059	0.068	0.066	0.062
United Kingdom	**a**	0.122	0.008	0.133	-0.310	-0.047	-0.084	-0.012	.	-0.167	0.047	.	0.100	.	-0.098
	b	1.021	0.504	0.444	0.462	0.702	0.628	0.759	.	0.450	0.275	.	0.452	.	0.593
United States of America	**a**	0.189	0.048	0.229	-0.555	-0.228	0.196	-0.000	-0.073	0.139	0.144	.	0.223	0.157	0.008
	b	0.540	0.979	1.065	0.695	0.911	1.128	1.111	1.210	0.762	0.779	.	0.745	0.722	0.508

Brown Swiss

Conversion equations from foreign countries to France 2/2 (Base 2023)

(Date of Release : 05/04/2023)

Country of proof	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	tpl	hoq	ofr	oru	pwi	thp	tth
Canada	**a**	0.169	0.005	0.313	-8.660	0.086	.	.	.	-0.113	0.169	0.058	-0.151	-0.228	-0.250	.
	b	0.121	0.132	0.088	0.084	0.118	.	.	.	0.181	0.132	0.096	0.135	0.130	0.129	.
Germany and Austria	**a**	-8.195	-7.910	.	-6.020	-7.594	-6.194	-7.964	-7.979	-10.18	-7.565	-7.676	-8.133	-7.413	-7.471	-6.294
	b	0.080	0.076	.	0.061	0.074	0.061	0.077	0.077	0.100	0.075	0.073	0.078	0.070	0.075	0.062
Italy	**a**	-3.983	-4.550	.	-4.400	-4.156	-3.090	-4.117	-5.046	-4.960	-4.638	-5.218	-6.197	-5.066	-3.053	-3.746
	b	0.037	0.043	.	0.042	0.038	0.031	0.039	0.047	0.048	0.044	0.049	0.058	0.046	0.030	0.036
Netherland	**a**	-17.20	-18.59	-13.44	-12.69	-15.66	.	.	.	.	.	.	.	-20.12	.	.
	b	0.174	0.193	0.149	0.132	0.166	.	.	.	.	.	.	.	0.225	.	.
Slovenia	**a**	-5.526	-5.616	.	-2.430	-4.286	-3.118	-5.190	-4.212	-4.833	-5.074	-4.231	-3.732	-4.431	-2.635	-3.480
	b	0.046	0.046	.	0.022	0.034	0.028	0.044	0.035	0.045	0.043	0.033	0.030	0.037	0.024	0.039
Swizerland	**a**	-6.138	-6.050	6.502	-5.010	-6.151	-7.077	-5.219	-7.482	-9.012	-8.882	-6.037	-5.051	-7.134	-7.902	-5.893
	b	0.064	0.062	-0.067	0.049	0.063	0.071	0.053	0.076	0.097	0.087	0.062	0.053	0.072	0.079	0.059
United Kingdom	**a**	0.132	.	0.161	.	-0.238	.	.	.	.	.	.	.	-0.047	.	.
	b	0.575	.	0.901	.	0.561	.	.	.	.	.	.	.	0.702	.	.
United States of America	**a**	0.149	0.069	0.364	.	0.110	.	.	0.021	.	.	0.143	-0.293	-0.228	-0.538	.
	b	0.598	0.611	0.607	.	0.621	.	.	0.898	.	.	0.506	1.059	0.911	0.656	.

Brown Swiss

Conversion equations from France to foreign countries 1/2 (Base 2023)

(Date of Release : 05/04/2023)

Country of Conversion	Factor	ang	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	**a**	-3.745	-1.268	0.472	-1.509	2.308	1.516	-1.487	-0.097	-0.245	-0.958	-0.822	.	-1.962	-1.339	0.636
	b	8.330	6.752	7.546	5.297	6.835	6.984	6.996	6.313	5.846	6.309	7.811	.	6.652	7.999	6.453
Germany and Austria	**a**	.	104.26	101.73	101.68	102.47	104.51	99.720	99.925	101.71	102.20	102.42	101.24	103.14	101.88	100.01
	b	.	12.109	10.275	11.185	11.652	12.232	11.080	6.089	8.705	11.337	11.186	11.400	10.807	10.828	11.186
Italy	**a**	.	107.30	101.42	100.49	103.89	108.48	96.970	110.37	108.47	108.46	106.09	103.52	108.18	106.27	99.816
	b	.	14.771	21.275	17.764	22.434	17.987	21.101	15.013	15.723	19.763	18.529	11.356	11.858	12.661	18.519
Netherland	**a**	90.264	97.082	99.917	93.817	102.75	89.148	94.427	113.45	113.78	94.234	93.408	.	87.395	87.803	103.08
	b	3.075	4.642	4.531	4.259	4.619	3.823	4.457	3.838	3.546	3.909	4.101	.	3.895	3.925	4.637
Slovenia	**a**	.	123.73	100.60	105.44	100.20	120.67	95.744	112.93	113.07	119.02	115.52	120.42	124.06	119.98	88.530
	b	.	17.596	24.641	21.806	21.553	24.738	19.636	14.784	23.572	21.806	14.517	17.916	18.437	20.331	17.126
Swizerland	**a**	96.328	98.376	97.419	97.616	100.93	98.583	96.268	99.818	97.201	97.071	98.851	101.70	96.776	98.096	105.63
	b	-5.459	13.762	10.169	10.047	11.162	8.723	11.702	8.125	8.545	11.544	12.497	10.271	10.226	12.465	14.558
United Kingdom	**a**	-0.189	-0.131	-0.087	-0.468	0.625	-0.021	0.160	-0.088	.	0.316	-0.127	.	-0.383	.	0.198
	b	0.665	0.916	1.282	1.502	2.042	1.212	1.312	1.035	.	2.020	2.637	.	1.638	.	1.455
United States of America	**a**	-0.646	-0.432	-0.035	-0.139	0.722	0.091	-0.097	0.009	0.054	-0.193	0.015	.	-0.381	-0.300	-0.047
	b	0.941	1.743	0.912	0.769	1.378	0.848	0.715	0.653	0.631	1.182	0.940	.	0.980	0.976	1.722

Brown Swiss

Conversion equations from France to foreign countries 2/2 (Base 2023)

(Date of Release : 05/04/2023)

Country of Conversion	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	tpl	hoq	ofr	oru	pwi	thp	tth
Canada	**a**	-1.545	-0.203	-3.745	102.94	-1.024	.	.	.	0.627	-1.514	-1.870	0.645	1.516	1.830	.
	b	7.853	7.065	8.330	10.215	6.974	.	.	.	5.050	6.522	5.866	6.004	6.984	5.836	.
Germany and Austria	**a**	101.65	103.75	.	98.167	101.20	101.13	103.56	102.62	101.72	100.16	104.34	102.74	104.51	99.264	100.88
	b	11.322	12.336	.	11.664	11.616	11.769	12.130	11.311	8.058	11.083	11.970	9.906	12.232	9.782	14.065
Italy	**a**	106.55	105.80	.	104.37	107.91	99.413	106.25	106.60	102.54	106.40	104.44	107.33	108.48	101.12	102.47
	b	21.141	19.862	.	18.968	19.691	22.526	19.735	17.270	16.452	18.037	17.606	14.205	17.987	22.358	24.805
Netherland	**a**	98.875	96.171	90.264	96.033	94.487	.	.	.	.	.	.	.	89.148	.	.
	b	5.336	4.799	3.075	6.611	4.983	.	.	.	.	.	.	.	3.823	.	.
Slovenia	**a**	120.73	120.37	.	106.72	125.61	108.82	117.69	118.71	104.69	115.92	119.78	115.06	120.67	106.28	88.976
	b	19.062	18.571	.	30.601	21.859	20.881	19.039	20.394	16.516	19.759	21.200	18.526	24.738	26.606	20.838
Swizerland	**a**	95.087	96.806	96.328	102.71	96.262	98.385	97.312	99.442	92.298	99.088	94.747	94.759	98.583	99.651	99.767
	b	14.508	15.345	-5.459	18.113	12.833	11.577	16.336	10.851	8.852	10.217	12.295	13.388	8.723	8.492	15.787
United Kingdom	**a**	-0.279	.	-0.189	.	0.406	.	.	.	.	.	.	.	-0.021	.	.
	b	1.411	.	0.665	.	1.420	.	.	.	.	.	.	.	1.212	.	.
United States of America	**a**	-0.252	-0.164	-0.646	.	-0.286	.	.	-0.231	.	.	-0.420	-0.094	0.091	0.745	.
	b	1.287	1.277	0.941	.	1.275	.	.	0.733	.	.	1.624	0.733	0.848	0.912	.

Prim Holstein

Conversion equations from foreign countries to France (Base 2023)

(Date of Release : 05/04/2023)

Country of proof	Factor	stat	chw	bd	rw	ang	ra	rls	fa	rlr	us	ud	fu	ruh	tp	rtp	tl	lo	ms
Australia	**a**	-1.101	-0.076	0.035	-0.467	-0.369	-0.089	0.174	-0.378	-0.333	-0.362	-1.422	-0.544	-0.945	-0.284	-0.183	0.045	.	0.190
	b	1.555	1.325	1.083	1.936	1.249	1.597	2.732	2.802	2.989	2.287	1.774	2.365	2.237	1.650	2.198	1.363	.	-3.595
Canada	**a**	0.264	-0.185	-0.092	-0.026	0.435	-0.226	-0.031	-0.083	0.001	0.348	0.570	0.500	0.673	0.289	0.393	-0.506	0.058	-13.92
	b	0.198	0.151	0.129	0.194	0.120	0.172	0.159	0.121	0.142	0.143	0.221	0.178	0.165	0.177	0.170	0.202	0.132	0.141
Czech Republic	**a**	-8.263	-7.297	-5.371	-7.630	-5.878	-7.018	-6.004	-6.344	-5.586	-6.032	-8.640	-7.299	-7.045	-7.631	-6.916	-7.187	-3.592	-4.990
	b	0.079	0.069	0.049	0.072	0.056	0.068	0.061	0.062	0.055	0.061	0.084	0.071	0.068	0.078	0.070	0.069	0.037	0.050
Denmark, Finland and Sweden	**a**	-10.02	-8.846	-8.424	-9.386	-8.638	-9.186	-6.714	-6.224	-7.131	-9.151	-8.649	-8.316	-8.850	-9.041	-9.265	-9.023	-5.885	-6.860
	b	0.093	0.077	0.070	0.086	0.081	0.089	0.071	0.060	0.070	0.085	0.090	0.084	0.087	0.093	0.090	0.090	0.056	0.071
Estonia	**a**	-7.750	-3.871	-5.043	-6.847	-2.612	-5.293	-4.160	-3.780	-3.558	-5.185	-8.467	-5.710	-6.395	-5.632	-6.476	-5.684	-1.557	.
	b	0.068	0.033	0.045	0.063	0.024	0.052	0.044	0.036	0.036	0.049	0.075	0.051	0.057	0.054	0.062	0.057	0.016	.
Germany and Austria	**a**	-7.946	-8.180	-8.286	-9.898	-5.537	-8.507	-7.833	-7.418	-8.420	-7.527	-7.966	-7.440	-7.226	-6.931	-7.047	-7.187	-7.690	-7.650
	b	0.077	0.077	0.078	0.095	0.057	0.084	0.078	0.074	0.086	0.074	0.082	0.077	0.075	0.070	0.069	0.072	0.079	0.078
Germany and Austria (Red Hol)	**a**	-8.221	-8.218	-8.441	-9.965	-5.724	-8.339	-7.841	-7.433	-8.497	-7.771	-8.080	-7.509	-7.555	-7.154	-7.220	-7.274	-7.698	-7.798
	b	0.077	0.077	0.078	0.095	0.057	0.084	0.078	0.074	0.086	0.074	0.082	0.077	0.075	0.070	0.069	0.072	0.079	0.078
Hungary	**a**	-0.531	-0.378	-0.269	-0.346	-0.128	-0.216	0.001	-0.008	-0.024	0.049	-0.438	-0.187	-0.265	-0.072	0.066	0.086	-0.047	.
	b	1.107	0.901	0.832	1.046	0.720	0.985	0.892	0.743	0.868	0.972	1.127	0.925	0.967	1.015	0.968	0.850	0.673	.
Ireland	**a**	-1.925	-0.801	-0.993	-1.045	-1.344	-0.382	0.483	-0.546	-0.489	-1.146	-1.790	-1.178	-1.621	-0.942	-0.758	0.080	-0.722	.
	b	1.337	0.582	0.738	0.549	1.160	0.573	0.549	0.503	0.362	0.766	0.838	0.687	0.836	0.749	0.792	0.587	0.484	.
Italy	**a**	-0.356	-0.358	-0.243	-0.309	-0.029	-0.190	0.045	-0.124	-0.118	0.108	-0.250	-0.101	-0.081	-0.013	0.127	-0.204	-0.068	-15.57
	b	0.854	0.767	0.782	0.693	0.568	0.716	0.647	0.476	0.510	0.604	0.833	0.610	0.697	0.770	0.707	0.698	0.430	0.155
Japan	**a**	-0.282	-0.311	-0.113	-0.208	0.087	-0.149	0.153	-0.172	-0.065	0.046	-0.458	-0.235	-0.125	-0.062	0.088	-0.201	.	-49.30
	b	0.843	0.669	0.738	0.797	0.566	0.701	0.540	0.409	0.466	0.567	0.869	0.648	0.677	0.717	0.657	0.715	.	0.494
Latvia	**a**	-6.647	-1.630	-1.664	-3.115	-1.592	-1.276	-0.328	-0.941	-0.907	-1.944	-3.371	-2.172	-3.500	-1.173	-2.406	-1.041	.	.
	b	2.497	2.091	2.301	2.446	1.700	2.061	2.409	2.655	2.645	2.851	2.989	2.863	2.172	2.031	2.308	2.058	.	.

Prim Holstein

Conversion equations from foreign countries to France (Base 2023)

(Date of Release : 05/04/2023)

Country of proof	Factor	stat	chw	bd	rw	ang	ra	rls	fa	rlr	us	ud	fu	ruh	tp	rtp	tl	lo	ms
Netherland (MRY)	**a**	-27.23	-17.01	-21.43	-21.94	-18.59	-18.00	-17.08	-15.95	-19.49	-25.04	-26.19	-22.33	-25.20	-22.11	-22.66	-19.17	-17.11	-20.51
	b	0.239	0.181	0.190	0.215	0.157	0.199	0.168	0.163	0.200	0.223	0.235	0.202	0.216	0.202	0.206	0.193	0.173	0.209
Netherland (Red Hol)	**a**	-24.85	-18.46	-19.91	-22.15	-16.70	-19.39	-16.92	-16.11	-19.29	-23.03	-24.07	-20.31	-22.18	-20.29	-21.01	-19.55	-16.59	-20.93
	b	0.239	0.181	0.190	0.215	0.157	0.199	0.168	0.163	0.200	0.223	0.235	0.202	0.216	0.202	0.206	0.193	0.173	0.209
Netherland and Flemish	**a**	-24.37	-18.28	-19.53	-21.94	-16.23	-19.59	-16.92	-16.11	-19.29	-22.58	-23.84	-20.31	-21.75	-20.09	-20.81	-19.36	-16.59	-20.93
	b	0.239	0.181	0.190	0.215	0.157	0.199	0.168	0.163	0.200	0.223	0.235	0.202	0.216	0.202	0.206	0.193	0.173	0.209
New-Zealand	**a**	-5.336	-1.138	-1.779	-2.824	.	-0.436	1.430	.	.	-2.241	.	-2.003	-2.851	-1.798	-2.001	0.482	.	0.250
	b	2.099	1.928	1.861	3.085	.	2.936	4.673	.	.	1.636	.	2.225	2.358	3.251	2.135	1.872	.	2.811
Poland	**a**	-11.03	-8.239	-7.300	-9.793	-7.861	-9.137	-7.771	-5.782	-6.694	-7.517	-10.87	-9.003	-9.996	-8.532	-8.964	-8.528	-5.243	-4.510
	b	0.102	0.078	0.068	0.093	0.074	0.090	0.079	0.056	0.065	0.072	0.100	0.084	0.093	0.083	0.088	0.084	0.051	0.045
Portugal	**a**	-1.370	-0.318	0.084	-0.775	-0.742	0.052	0.003	-0.486	-0.250	-0.665	-1.138	-0.838	-1.319	-0.658	-0.542	0.007	-0.319	.
	b	0.807	0.414	0.265	0.548	0.604	0.564	0.386	0.379	0.369	0.456	0.658	0.465	0.775	0.640	0.665	0.499	0.279	.
Rep. of South Africa	**a**	-0.656	-0.450	-0.403	-0.413	-0.154	-0.167	0.253	-0.236	-0.110	-0.022	-0.340	-0.121	-0.366	0.054	0.114	-0.198	.	.
	b	1.324	1.201	0.921	1.034	0.945	1.149	1.068	0.989	0.921	0.953	1.096	1.040	1.013	1.222	1.600	1.098	.	.
Slovenia	**a**	-7.712	-4.489	-5.659	-5.877	-4.458	-5.524	-3.895	-3.430	-3.986	-4.102	-8.060	-4.826	-7.196	-6.964	-7.299	-5.095	-3.638	-3.740
	b	0.061	0.039	0.047	0.051	0.034	0.054	0.041	0.031	0.037	0.034	0.066	0.037	0.058	0.060	0.064	0.051	0.030	0.036
Spain	**a**	-0.655	-0.309	0.015	-0.398	-0.093	-0.179	-0.048	-0.214	-0.078	-0.314	-0.730	-0.442	-0.449	-0.272	-0.169	-0.012	-0.227	-7.690
	b	1.159	0.886	0.906	1.062	0.975	0.903	0.791	0.875	0.888	1.032	1.023	1.007	1.187	1.042	1.136	0.880	0.895	0.078
Swizerland	**a**	-9.714	-8.882	-8.690	-9.646	-6.605	-9.150	-7.878	-6.299	-7.885	-7.872	-9.443	-7.624	-8.923	-9.099	-8.922	-8.488	-6.807	-8.250
	b	0.093	0.086	0.083	0.094	0.066	0.091	0.080	0.062	0.077	0.077	0.095	0.079	0.089	0.090	0.088	0.082	0.068	0.083
United Kingdom	**a**	-0.149	-0.544	-0.347	-0.217	0.052	-0.228	0.040	-0.156	0.004	0.174	0.152	0.200	0.137	0.150	0.239	-0.271	0.129	0.230
	b	0.917	0.530	0.708	0.784	0.640	0.755	0.668	0.668	0.354	0.651	0.972	0.755	0.747	0.727	0.715	0.762	0.591	3.925
United States of America	**a**	-0.355	-0.379	-0.327	-0.292	-0.000	-0.333	0.119	-0.167	0.025	0.095	-0.003	0.076	0.101	0.153	0.218	-0.351	0.083	.
	b	0.823	0.837	0.862	0.781	0.564	0.718	0.582	0.571	0.534	0.665	0.783	0.597	0.611	0.680	0.648	0.725	0.586	.

Prim Holstein

Conversion equations from foreign countries to France (Base 2023)

(Date of Release : 05/04/2023)

Country of proof	Factor	stat	chw	bd	rw	ang	ra	rls	fa	rlr	us	ud	fu	ruh	tp	rtp	tl	lo	ms
Walloon part of Belgium	**a**	-0.304	-0.303	-0.160	-0.223	-0.065	0.010	0.018	-0.074	0.013	-0.067	-0.401	-0.193	-0.276	-0.255	-0.130	-0.091	0.017	.
	b	0.955	0.619	0.702	0.740	0.679	0.722	0.543	0.403	0.554	0.626	0.794	0.658	0.767	0.748	0.718	0.684	0.469	.