

Brown Swiss
Conversion equations from foreign countries to France (Base 2019)
(Date of release : 14/08/2019)

Country of proof	Factor	Milk	Fat	Protein	Cell
Australia	a	-131.0	-5.900	-6.600	.
	b	1.180	1.270	1.200	.
Canada	a	-91.00	-4.200	-4.900	-15.44
	b	0.890	0.830	0.730	0.154
Germany and Austria	a	179.00	9.400	7.200	-8.190
	b	1.150	1.340	1.180	0.082
Italy	a	-180.0	-6.000	-4.100	-5.590
	b	0.870	0.970	0.770	0.056
Netherland	a	887.00	26.100	21.900	-26.27
	b	0.840	0.890	0.790	0.258
New-Zealand	a	253.00	32.100	10.500	-0.790
	b	1.410	1.280	1.310	-2.496
Slovenia	a	-6976	-275.3	-226.6	-9.590
	b	60.120	2.350	1.930	0.092
Switzerland	a	-264.0	-12.40	-9.600	-9.140
	b	0.970	1.030	0.880	0.092
United Kingdom	a	-367.0	-14.60	-12.80	0.020
	b	2.210	2.630	2.350	-0.078
United States of America	a	-161.0	-8.100	-9.100	13.120
	b	0.890	1.030	0.950	-4.396

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Country of Conversion	Factor	Milk	Fat	Protein	Cell
Australia	a	89.625	2.944	4.697	.
	b	0.466	0.421	0.403	.
Canada	a	63.497	4.040	4.828	100.47
	b	0.938	0.909	0.967	5.586
Germany and Austria	a	-198.7	-8.477	-7.202	98.916
	b	0.632	0.562	0.599	11.334
Italy	a	108.80	2.134	2.340	100.02
	b	0.854	0.743	0.909	14.080
Netherland	a	-1067	-30.15	-28.14	102.05
	b	0.867	0.810	0.854	3.416
New-Zealand	a	-200.9	-26.64	-8.906	-0.323
	b	0.399	0.422	0.362	-0.306
Slovenia	a	114.91	114.61	115.61	104.11
	b	0.011	0.294	0.350	8.617
Swizerland	a	185.16	8.276	6.518	100.28
	b	0.831	0.766	0.834	9.781
United Kingdom	a	144.71	4.932	4.750	0.015
	b	0.350	0.309	0.318	-12.17
United States of America	a	134.19	5.803	7.254	2.966
	b	0.919	0.800	0.817	-0.183

Holstein**Conversion equations from foreign countries to France (Base 2019)***(Date of release : 14/08/2019)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Australia	a	-807.0	-17.30	-25.80	-0.800
	b	1.330	1.430	1.330	-3.600
Canada	a	-209.0	-4.400	-13.30	-19.47
	b	0.770	0.800	0.740	0.194
Croatia	a	-5227	-197.8	-149.3	-9.280
	b	46.470	1.830	1.310	0.089
Czech Republic	a	-118.0	-2.100	-6.000	-6.670
	b	0.810	1.090	0.970	0.066
Denmark, Finland and Sweden	a	-5530	-217.5	-155.5	-9.420
	b	54.450	2.250	1.580	0.099
Estonia	a	-685.0	-14.10	-21.70	-8.100
	b	1.160	1.210	1.100	0.079
Germany and Austria	a	-289.0	-4.600	-10.10	-8.970
	b	1.010	1.050	0.990	0.089
Germany and Austria (Red Hol)	a	-771.8	-16.68	-21.19	.
	b	1.010	1.050	0.990	.
Hungary	a	-444.0	-17.30	-20.60	-0.260
	b	0.810	0.860	0.740	-0.752
Ireland	a	-1515	-36.20	-41.60	-0.400
	b	3.490	3.230	2.980	-10.25
Israel	a	-327.0	4.400	-10.00	-0.100
	b	1.440	1.500	1.510	-4.209
Italy	a	-182.0	-7.800	-11.20	-19.02
	b	0.960	0.990	0.860	0.189
Japan	a	-108.0	-10.20	-13.60	5.390
	b	0.980	1.030	0.980	-2.689
Latvia	a	-741.0	-13.40	-22.40	-0.770
	b	1.450	1.220	1.340	-2.284
Lituania	a	-1924	-47.70	-57.60	-0.220
	b	1.330	1.160	1.250	-2.968
Netherland (MRY)	a	-2040	-58.00	-46.20	-25.11
	b	0.860	0.900	0.820	0.248
Netherland (Red Hol)	a	-878.5	-8.500	-14.22	-25.36
	b	0.860	0.900	0.820	0.248
Netherland and Flemish	a	-378.0	-1.300	-5.200	-25.36
	b	0.860	0.900	0.820	0.248
New-Zealand	a	-2326	-32.50	-53.30	-0.790
	b	1.770	1.510	1.580	-2.604

Holstein**Conversion equations from foreign countries to France (Base 2019)***(Date of release : 14/08/2019)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Poland	a	-688.0	-16.40	-22.40	-11.28
	b	1.420	1.440	1.450	0.109
Portugal	a	-273.0	-18.50	-16.50	-0.320
	b	0.940	1.210	1.000	-2.350
Rep. of South Africa	a	-449.0	-13.70	-19.50	-0.250
	b	1.020	1.210	1.090	-0.042
Slovak Republic	a	-423.0	-13.00	-16.50	7.220
	b	1.380	1.440	1.360	-2.557
Slovenia	a	-5979	-251.8	-184.9	-10.63
	b	51.600	2.230	1.550	0.101
Spain	a	-291.0	-15.90	-16.80	-10.38
	b	1.110	1.160	1.080	0.101
Switzerland	a	-968.0	-20.60	-28.90	-9.620
	b	0.950	0.940	0.890	0.096
United Kingdom	a	-566.0	-14.00	-21.60	-0.350
	b	2.110	2.540	2.320	-0.086
United States of America	a	-195.0	-11.00	-14.90	14.770
	b	0.870	0.980	0.950	-5.001
Walloon part of Belgium	a	-749.0	-23.50	-23.30	6.210
	b	1.100	1.110	1.000	-2.184

Holstein**Conversion equations from France to foreign countries (Base 2019)***(Date of Release : 14/08/2019)*

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Australia	a	399.95	2.413	9.900	-0.222
	b	0.492	0.408	0.416	-0.226
Canada	a	299.87	6.094	18.453	100.20
	b	1.102	1.073	1.087	4.486
Croatia	a	111.30	108.06	111.72	103.95
	b	0.014	0.354	0.486	8.518
Czech Republic	a	112.39	0.679	4.137	100.23
	b	0.846	0.650	0.697	11.554
Denmark, Finland and Sweden	a	99.625	95.034	95.877	95.369
	b	0.016	0.372	0.521	9.584
Estonia	a	509.91	8.387	16.203	101.20
	b	0.704	0.683	0.722	10.473
Germany and Austria	a	289.09	3.888	9.565	99.671
	b	0.829	0.776	0.775	10.235
Germany and Austria (Red Hol)	a	685.21	12.809	18.242	.
	b	0.829	0.776	0.775	.
Hungary	a	478.62	16.751	23.119	-0.206
	b	0.963	0.938	1.089	-1.138
Ireland	a	348.37	5.942	8.593	-0.046
	b	0.262	0.229	0.262	-0.086
Israel	a	-72.71	-9.116	-1.380	-0.021
	b	0.484	0.445	0.458	-0.178
Italy	a	150.10	6.376	10.205	100.30
	b	0.821	0.842	0.903	4.603
Japan	a	92.232	8.825	12.413	2.046
	b	0.859	0.795	0.819	-0.305
Latvia	a	398.00	9.056	14.379	-0.202
	b	0.530	0.553	0.578	-0.356
Lituania	a	873.60	21.344	25.673	-0.068
	b	0.457	0.476	0.481	-0.270
Netherland (MRY)	a	2218.9	55.187	51.737	98.431
	b	0.954	0.879	0.957	3.477
Netherland (Red Hol)	a	930.60	6.859	14.430	101.91
	b	0.954	0.879	0.957	3.477
Netherland and Flemish	a	375.20	-0.171	3.907	101.91
	b	0.954	0.879	0.957	3.477
New-Zealand	a	975.90	3.963	18.251	-0.284
	b	0.373	0.358	0.342	-0.284

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Country of Conversion	Factor	Milk	Fat	Protein	Cell
Poland	a	454.07	9.231	13.434	102.21
	b	0.599	0.595	0.569	8.071
Portugal	a	255.71	15.119	15.695	-0.121
	b	0.721	0.703	0.745	-0.340
Rep. of South Africa	a	374.77	11.488	15.904	-5.335
	b	0.667	0.554	0.581	-20.75
Slovak Republic	a	263.08	9.480	10.257	2.853
	b	0.511	0.464	0.526	-0.321
Slovenia	a	112.78	110.53	114.52	105.04
	b	0.013	0.304	0.447	7.924
Spain	a	298.93	14.965	16.942	102.87
	b	0.768	0.750	0.766	9.249
Swizerland	a	893.95	18.382	27.511	99.606
	b	0.918	0.868	0.965	9.392
United Kingdom	a	221.71	4.993	8.506	-3.365
	b	0.378	0.323	0.360	-10.71
United States of America	a	190.30	10.053	14.209	2.970
	b	0.928	0.869	0.842	-0.157
Walloon part of Belgium	a	649.84	19.909	21.123	2.884
	b	0.627	0.617	0.635	-0.418

Simmental***Conversion equations from foreign countries to France (Base 2019)******(Date of release : 14/08/2019)***

Country of proof	Factor	Milk	Fat	Protein	Cell
Croatia	a	-6864	-278.9	-226.2	-9.780
	b	61.910	2.550	2.010	0.091
Germany and Austria	a	537.00	20.700	13.900	-8.120
	b	1.090	1.240	1.100	0.078
Hungary	a	-610.0	-26.50	-26.10	5.130
	b	1.440	1.520	1.380	-0.057
Ireland	a	375.00	16.500	8.400	.
	b	3.270	3.000	2.720	.
Italy	a	211.00	6.700	5.200	-6.920
	b	1.150	1.160	1.090	0.067
Netherland and Flemish	a	1240.0	47.900	35.000	-25.85
	b	0.810	0.880	0.790	0.246
Slovak Republic	a	152.00	6.800	1.000	6.620
	b	1.730	1.750	1.790	-2.374
Slovenia	a	-7875	-311.9	-263.9	-11.32
	b	69.970	2.760	2.300	0.105
Switzerland	a	-1091	-39.20	-34.60	-8.790
	b	1.140	1.170	1.190	0.087
United Kingdom	a	331.00	11.400	8.400	-0.660
	b	2.700	2.940	2.760	-0.084
United States of America	a	1253.0	14.100	13.300	12.350
	b	1.060	1.320	1.210	-4.270

Simmental***Conversion equations from France to foreign countries (Base 2019)******(Date of Release : 14/08/2019)***

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Croatia	a	110.87	110.34	112.20	107.04
	b	0.013	0.292	0.398	8.241
Germany and Austria	a	-587.1	-19.14	-16.14	103.63
	b	0.707	0.645	0.687	10.842
Hungary	a	443.16	17.957	18.698	91.532
	b	0.521	0.473	0.508	-14.30
Ireland	a	-39.79	-1.335	-0.657	.
	b	0.241	0.246	0.245	.
Italy	a	-241.2	-7.933	-6.263	102.22
	b	0.600	0.589	0.557	12.010
Netherland and Flemish	a	-1585	-55.43	-46.48	104.76
	b	0.971	0.906	0.959	3.558
Slovak Republic	a	-61.65	-2.468	-0.293	2.833
	b	0.393	0.390	0.377	-0.331
Slovenia	a	110.83	111.94	113.18	107.05
	b	0.010	0.263	0.324	7.615
Switzerland	a	1004.4	33.830	28.972	101.63
	b	0.819	0.789	0.772	9.562
United Kingdom	a	-124.0	-3.422	-3.186	-7.425
	b	0.280	0.268	0.275	-10.99
United States of America	a	-1155	-9.576	-10.90	2.914
	b	0.764	0.629	0.635	-0.187

Brown Swiss
Conversion equations from foreign countries to France 1/2 (Base 2019)
(Date of Release : 14/08/2019)

Country of proof	Factor	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	a	0.387	0.053	0.105	-0.297	0.154	0.185	-0.059	-0.070	0.227	-0.007	.	0.183	0.134	-0.040
	b	0.134	0.087	0.103	0.133	0.114	0.128	0.093	0.107	0.147	0.088	.	0.107	0.089	0.143
Germany and Austria	a	-8.172	-5.146	-7.619	-7.723	-5.412	-7.783	-6.675	-7.938	-7.574	-7.484	-5.984	-7.251	-5.877	-8.635
	b	0.080	0.051	0.075	0.076	0.057	0.079	0.064	0.077	0.074	0.071	0.059	0.070	0.056	0.085
Italy	a	-6.271	-3.303	-4.344	-4.001	-3.807	-3.826	-4.339	-4.770	-4.746	-4.592	-5.796	-6.841	-5.593	-4.846
	b	0.060	0.032	0.044	0.039	0.037	0.040	0.038	0.043	0.044	0.043	0.056	0.063	0.052	0.049
Netherland	a	-19.32	-17.02	-18.03	-20.97	-18.94	-16.94	-18.84	-20.54	-21.30	-17.80	.	-16.49	-13.47	-18.27
	b	0.196	0.169	0.189	0.204	0.214	0.180	0.163	0.178	0.219	0.188	.	0.183	0.150	0.176
Slovenia	a	-6.475	-3.354	-3.130	-4.115	-3.159	-3.630	-3.909	-3.641	-4.847	-3.249	-4.152	-5.096	-5.078	-4.370
	b	0.053	0.033	0.028	0.041	0.029	0.039	0.033	0.032	0.041	0.026	0.034	0.040	0.041	0.049
Switzerland	a	-7.197	-6.657	-7.926	-8.432	-6.740	-7.010	-5.458	-7.479	-7.645	-7.232	-5.823	-7.549	-6.751	-6.638
	b	0.073	0.069	0.080	0.083	0.071	0.072	0.054	0.076	0.078	0.071	0.058	0.075	0.068	0.062
United Kingdom	a	-0.165	-0.090	0.132	-0.198	0.065	-0.225	0.109	.	-0.050	-0.093	.	0.090	.	0.040
	b	1.222	0.575	0.571	0.520	0.736	0.925	1.056	.	0.485	0.318	.	0.642	.	0.668
United States of America	a	0.227	0.140	0.198	-0.473	0.107	0.116	-0.066	-0.102	0.122	-0.005	.	0.032	0.093	0.006
	b	0.547	1.019	1.054	0.830	1.072	1.293	1.270	1.324	0.761	0.719	.	0.750	0.748	0.667

Brown Swiss
Conversion equations from foreign countries to France 2/2 (Base 2019)
(Date of Release : 14/08/2019)

Country of proof	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	tpl	hoq	ofr	oru	pwi	thp	tth
Canada	a	0.260	0.044	0.433	-10.78	0.178	.	.	.	0.125	0.322	0.280	0.048	.	-0.220	.
	b	0.125	0.129	0.093	0.105	0.111	.	.	.	0.181	0.143	0.100	0.134	.	0.115	.
Germany and Austria	a	-8.296	-7.938	.	-6.250	-7.514	-6.431	-8.169	-7.759	-10.16	-7.452	-7.430	-6.958	.	-6.665	-6.146
	b	0.083	0.076	.	0.063	0.075	0.064	0.078	0.077	0.101	0.076	0.072	0.068	.	0.067	0.061
Italy	a	-3.774	-4.518	.	-4.520	-3.687	-3.063	-4.420	-4.598	-4.780	-4.559	-4.570	-5.518	.	-2.904	-3.883
	b	0.036	0.042	.	0.045	0.035	0.031	0.041	0.044	0.048	0.044	0.045	0.053	.	0.028	0.036
Netherland	a	-19.23	-19.85	-14.04	-12.10	-16.49	.	.	.	.	.	.	.	.	.	.
	b	0.191	0.205	0.152	0.128	0.171	.	.	.	.	.	.	.	.	.	.
Slovenia	a	-5.882	-5.991	.	-3.270	-4.346	-3.262	-5.814	-3.796	-4.997	-4.853	-3.882	-3.431	.	-2.453	-3.790
	b	0.050	0.049	.	0.032	0.035	0.029	0.049	0.032	0.050	0.043	0.031	0.029	.	0.023	0.041
Swizerland	a	-6.394	-6.312	6.418	-5.180	-6.502	-7.684	-5.572	-7.760	-9.663	-8.768	-6.100	-5.294	.	-8.050	-5.887
	b	0.067	0.064	-0.065	0.051	0.066	0.077	0.056	0.079	0.103	0.087	0.063	0.056	.	0.079	0.057
United Kingdom	a	0.074	.	0.138	.	-0.154	.	.	.	.	.	.	.	.	.	.
	b	0.683	.	1.020	.	0.583	.	.	.	.	.	.	.	.	.	.
United States of America	a	0.157	-0.028	0.391	.	0.140	.	.	0.022	.	.	0.188	-0.112	.	-0.533	.
	b	0.690	0.717	0.524	.	0.613	.	.	1.097	.	.	0.510	1.233	.	0.840	.

Brown Swiss
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Country of Conversion	Factor	ang	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	a	-4.255	-2.908	-0.922	-1.359	2.174	-0.885	-1.242	-0.219	0.080	-1.439	-0.426	.	-2.449	-2.026	0.317
	b	8.193	7.054	7.806	5.586	6.949	6.796	6.575	5.248	6.044	6.408	8.266	.	7.006	7.922	6.249
Germany and Austria	a	.	102.12	99.059	100.92	101.41	97.635	99.160	101.09	100.66	100.69	104.74	100.64	103.02	102.96	101.23
	b	.	11.798	8.128	11.472	12.060	11.593	11.523	6.967	8.812	11.291	11.301	11.322	10.839	10.335	11.211
Italy	a	.	103.95	98.954	98.317	102.39	101.79	97.032	112.51	109.80	107.15	107.88	103.77	109.06	106.71	99.321
	b	.	15.247	20.538	18.532	23.539	18.116	21.634	15.770	16.771	20.893	18.265	11.078	12.004	12.401	18.839
Netherland	a	92.647	98.880	100.62	95.225	102.74	88.806	94.200	114.50	114.88	97.248	94.691	.	89.870	89.917	103.90
	b	2.922	4.745	3.407	3.933	4.450	3.452	4.546	4.239	3.963	4.024	4.371	.	3.971	3.905	4.812
Slovenia	a	.	121.45	94.389	105.49	98.856	111.57	95.040	113.40	113.42	116.23	120.39	121.12	124.67	121.59	90.069
	b	.	16.420	19.915	22.417	20.114	23.378	19.100	15.844	21.676	19.766	18.164	18.062	15.971	14.600	16.811
Swizerland	a	96.384	98.740	96.332	98.395	101.27	95.399	96.188	100.64	99.080	97.352	102.05	100.96	98.343	99.197	106.59
	b	-5.695	12.988	9.294	9.998	11.128	9.481	11.193	7.635	8.686	11.449	12.415	8.983	10.030	11.757	14.406
United Kingdom	a	-0.058	0.133	0.117	-0.308	0.354	-0.050	0.249	-0.193	.	0.076	0.229	.	-0.161	.	-0.061
	b	0.588	0.769	1.136	1.213	1.810	1.155	0.915	0.777	.	1.861	2.396	.	1.140	.	1.313
United States of America	a	-0.565	-0.454	-0.033	-0.113	0.557	-0.115	-0.081	0.065	0.052	-0.200	0.085	.	-0.179	-0.174	-0.053
	b	0.998	1.692	0.824	0.762	1.143	0.706	0.668	0.543	0.526	1.193	1.069	.	1.066	0.951	1.346

Brown Swiss
Conversion equations from France to foreign countries 2/2 (Base 2019)
(Date of Release : 14/08/2019)

Country of Conversion	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	tpl	hoq	ofr	oru	pwi	thp	tth
Canada	a	-2.216	-0.595	-4.255	102.20	-1.740	.	.	.	-0.691	-2.136	-3.170	-0.415	.	1.872	.
	b	7.512	7.088	8.193	8.429	7.155	.	.	.	5.164	5.781	7.015	5.936	.	6.389	.
Germany and Austria	a	100.04	103.73	.	98.340	99.410	101.30	104.57	100.22	99.486	98.218	102.69	99.280	.	99.359	100.10
	b	11.036	12.034	.	11.477	11.560	11.754	11.522	11.611	8.493	11.041	12.110	11.411	.	12.527	13.628
Italy	a	105.92	107.08	.	100.44	105.27	99.521	109.27	104.72	98.441	105.41	101.09	105.40	.	101.71	105.93
	b	20.738	20.612	.	19.516	21.049	22.658	19.867	18.472	17.597	17.991	18.866	15.816	.	25.408	25.014
Netherland	a	100.41	96.898	92.647	94.375	96.560	.	.	.	.	.	.	.	.	.	.
	b	4.785	4.564	2.922	6.902	4.816	.	.	.	.	.	.	.	.	.	.
Slovenia	a	117.90	119.97	.	105.89	122.60	111.55	120.07	116.23	98.810	113.30	119.25	109.83	.	104.13	90.085
	b	17.606	16.797	.	24.838	20.821	20.983	17.094	22.642	16.693	18.594	22.107	18.743	.	33.084	20.196
Swizerland	a	95.117	98.731	96.384	102.24	97.123	99.649	98.488	99.409	93.401	98.493	95.843	94.125	.	100.81	102.19
	b	13.938	14.865	-5.695	17.640	12.003	10.565	15.792	11.269	9.012	9.683	12.007	15.007	.	9.863	15.422
United Kingdom	a	-0.137	.	-0.058	.	0.253	.	.	.	.	.	.	.	.	.	.
	b	1.210	.	0.588	.	1.378	.	.	.	.	.	.	.	.	.	.
United States of America	a	-0.198	-0.057	-0.565	.	-0.306	.	.	-0.130	.	.	-0.389	-0.057	.	0.620	.
	b	1.120	1.150	0.998	.	1.257	.	.	0.492	.	.	1.600	0.472	.	0.817	.

Prim Holstein
Conversion equations from foreign countries to France (Base 2019)
(Date of Release : 14/08/2019)

Country of proof	Factor	stat	chw	bd	rw	ang	ra	rls	fa	rlr	us	ud	fu	ruh	tp	rtp	tl	lo	ms
Australia	a	-0.783	-0.109	-0.034	-0.208	-0.387	-0.164	0.191	-0.249	-0.228	-0.337	-0.708	-0.156	-0.567	-0.188	-0.116	-0.097	.	0.360
	b	1.562	1.404	1.155	1.833	1.440	1.644	2.817	2.406	1.997	1.823	1.813	1.889	1.871	1.631	1.979	1.398	.	-3.677
Canada	a	0.469	-0.013	0.257	0.182	0.608	-0.274	-0.065	0.130	0.177	0.341	0.660	0.657	0.771	0.237	0.326	-0.263	0.240	-13.74
	b	0.186	0.154	0.124	0.182	0.134	0.171	0.149	0.127	0.142	0.154	0.207	0.162	0.175	0.177	0.175	0.193	0.136	0.140
Czech Republic	a	-7.619	-6.527	-5.303	-7.281	-5.565	-7.259	-5.994	-5.377	-5.424	-5.550	-7.708	-6.856	-6.516	-7.125	-6.144	-6.601	-3.607	.
	b	0.077	0.062	0.049	0.071	0.055	0.069	0.059	0.055	0.055	0.056	0.082	0.072	0.067	0.074	0.064	0.064	0.039	.
Denmark, Finland and Sweden	a	-10.08	-8.760	-8.321	-9.474	-8.907	-9.158	-6.723	-5.679	-7.197	-9.053	-8.755	-8.248	-8.849	-9.618	-9.481	-9.221	-6.032	-6.930
	b	0.095	0.079	0.072	0.087	0.084	0.089	0.070	0.056	0.071	0.085	0.092	0.084	0.088	0.097	0.092	0.091	0.060	0.072
Estonia	a	-9.733	-6.245	-6.579	-8.235	-5.046	-6.940	-5.912	-5.505	-4.644	-6.517	-9.449	-6.894	-8.253	-8.030	-7.998	-6.938	-3.653	.
	b	0.090	0.058	0.061	0.077	0.047	0.068	0.060	0.054	0.046	0.062	0.088	0.066	0.078	0.077	0.077	0.068	0.036	.
Germany and Austria	a	-8.266	-8.358	-8.229	-9.857	-6.598	-8.832	-8.036	-7.234	-8.262	-7.062	-8.248	-7.652	-7.609	-7.431	-7.296	-7.393	-7.548	-8.820
	b	0.080	0.080	0.079	0.095	0.066	0.086	0.079	0.074	0.085	0.070	0.085	0.080	0.078	0.074	0.072	0.073	0.079	0.089
Germany and Austria (Red Hol)	a	-8.625	-8.398	-8.434	-9.837	-6.894	-8.711	-8.067	-7.264	-8.279	-7.420	-8.376	-7.724	-7.969	-7.711	-7.634	-7.517	-7.588	-8.972
	b	0.080	0.080	0.079	0.095	0.066	0.086	0.079	0.074	0.085	0.070	0.085	0.080	0.078	0.074	0.072	0.073	0.079	0.089
Hungary	a	-0.780	-0.427	-0.341	-0.461	-0.225	-0.313	-0.171	0.113	0.065	-0.079	-0.263	0.075	-0.356	-0.096	-0.021	0.025	0.082	.
	b	1.104	0.942	0.898	1.046	0.791	1.020	0.943	0.874	0.884	1.006	1.036	0.888	1.011	1.028	0.984	0.872	0.641	.
Ireland	a	-1.441	-0.605	-0.804	-0.833	-1.141	-0.445	0.329	-0.322	-0.266	-1.022	-1.019	-0.608	-1.070	-0.698	-0.642	-0.055	-0.374	.
	b	1.334	0.598	0.777	0.527	1.188	0.603	0.563	0.487	0.366	0.786	0.827	0.699	0.853	0.756	0.770	0.589	0.474	.
Italy	a	-0.304	-0.297	-0.159	-0.245	-0.019	-0.226	-0.109	0.008	-0.005	0.048	-0.098	0.052	-0.007	-0.079	0.073	-0.175	0.026	-14.75
	b	0.847	0.756	0.780	0.715	0.612	0.687	0.628	0.448	0.470	0.594	0.781	0.574	0.683	0.734	0.712	0.651	0.425	0.148
Japan	a	-0.381	-0.376	-0.162	-0.312	0.002	-0.225	0.029	0.037	0.046	0.015	-0.310	-0.013	-0.109	-0.099	0.078	-0.116	.	.
	b	0.829	0.685	0.727	0.779	0.547	0.705	0.531	0.439	0.444	0.573	0.834	0.612	0.694	0.732	0.685	0.697	.	.
Netherland (MRY)	a	-26.24	-19.99	-22.42	-22.82	-18.25	-18.43	-17.91	-15.76	-18.89	-24.05	-24.81	-21.33	-23.46	-24.09	-23.77	-19.01	-18.05	-18.36
	b	0.227	0.212	0.201	0.223	0.151	0.202	0.174	0.164	0.191	0.216	0.222	0.192	0.196	0.221	0.217	0.193	0.182	0.188

Prim Holstein
Conversion equations from foreign countries to France (Base 2019)
(Date of Release : 14/08/2019)

Country of proof	Factor	stat	chw	bd	rw	ang	ra	rls	fa	rlr	us	ud	fu	ruh	tp	rtp	tl	lo	ms
Netherland (Red Hol)	a	-23.97	-21.47	-21.01	-23.04	-16.13	-19.84	-17.74	-16.25	-18.89	-22.53	-23.04	-19.60	-20.53	-22.33	-22.47	-19.78	-17.87	-18.93
	b	0.227	0.212	0.201	0.223	0.151	0.202	0.174	0.164	0.191	0.216	0.222	0.192	0.196	0.221	0.217	0.193	0.182	0.188
Netherland and Flemish	a	-23.51	-21.47	-20.81	-22.82	-15.83	-20.04	-17.56	-16.25	-18.89	-22.10	-22.82	-19.41	-20.14	-22.33	-22.03	-19.40	-17.87	-18.74
	b	0.227	0.212	0.201	0.223	0.151	0.202	0.174	0.164	0.191	0.216	0.222	0.192	0.196	0.221	0.217	0.193	0.182	0.188
New-Zealand	a	-5.073	-0.967	-1.681	-2.617	.	-0.525	1.313	.	.	-2.068	.	-1.399	-2.345	-1.587	-1.911	.	.	0.410
	b	2.198	1.982	1.913	3.097	.	2.974	4.672	.	.	1.835	.	2.271	2.422	3.418	2.230	.	.	2.741
Poland	a	-15.37	-8.665	-7.477	-10.33	-13.00	-8.761	-7.235	-6.493	-6.970	-9.297	-12.94	-10.49	-14.23	-11.43	-9.993	-8.340	.	.
	b	0.140	0.082	0.070	0.097	0.119	0.085	0.073	0.063	0.069	0.086	0.120	0.099	0.132	0.108	0.097	0.083	.	.
Portugal	a	-1.087	-0.300	-0.135	-0.588	-0.705	-0.095	-0.111	-0.265	-0.076	-0.368	-0.610	-0.426	-0.963	-0.568	-0.444	-0.081	-0.106	.
	b	0.771	0.478	0.397	0.576	0.616	0.577	0.372	0.353	0.341	0.432	0.583	0.458	0.696	0.609	0.588	0.486	0.237	.
Rep. of South Africa	a	-0.613	-0.267	-0.259	-0.248	-0.204	-0.205	0.073	-0.083	0.049	-0.043	-0.147	0.142	-0.188	0.058	0.056	-0.167	.	.
	b	1.330	1.208	0.930	1.033	0.948	1.155	1.072	1.005	0.941	0.966	1.115	1.039	1.019	1.229	1.642	1.112	.	.
Slovenia	a	-8.638	-4.632	-5.343	-5.265	-3.930	-5.781	-3.787	-3.131	-3.859	-4.744	-7.628	-5.412	-7.414	-7.014	-7.635	-5.204	-3.285	-4.330
	b	0.068	0.041	0.044	0.046	0.029	0.055	0.040	0.030	0.036	0.039	0.065	0.046	0.060	0.060	0.066	0.053	0.027	0.041
Spain	a	-0.446	-0.132	0.113	-0.174	-0.083	-0.198	-0.252	-0.019	0.105	-0.318	-0.286	-0.150	-0.191	-0.196	-0.149	-0.060	-0.100	.
	b	1.191	0.914	0.907	1.041	1.050	0.913	0.793	0.879	0.894	1.036	1.036	1.006	1.190	1.037	1.121	0.874	0.918	.
Swizerland	a	-10.27	-9.297	-9.178	-9.400	-7.810	-9.236	-8.221	-6.331	-7.927	-8.167	-9.069	-7.361	-9.232	-9.278	-9.091	-8.602	-6.640	-8.200
	b	0.098	0.092	0.089	0.092	0.076	0.090	0.083	0.063	0.079	0.078	0.094	0.078	0.093	0.091	0.088	0.082	0.066	0.084
United Kingdom	a	-0.194	-0.374	-0.131	-0.207	0.111	-0.294	-0.023	0.000	0.054	-0.009	-0.027	0.110	-0.068	-0.063	0.022	-0.185	0.089	0.150
	b	0.898	0.681	0.823	0.882	0.875	0.832	0.724	0.706	0.396	0.787	1.023	0.838	0.899	0.841	0.832	0.759	0.667	6.581
United States of America	a	-0.211	-0.284	-0.155	-0.164	0.014	-0.372	0.042	-0.023	0.065	-0.009	0.129	0.204	0.042	0.086	0.051	-0.198	0.050	.
	b	0.816	0.842	0.847	0.749	0.626	0.720	0.585	0.541	0.510	0.668	0.781	0.578	0.617	0.679	0.641	0.709	0.583	.
Walloon part of Belgium	a	-0.323	-0.196	-0.114	-0.141	-0.133	-0.133	-0.074	0.088	0.173	-0.153	-0.241	-0.007	-0.217	-0.225	-0.221	-0.120	0.174	.
	b	0.954	0.611	0.718	0.741	0.744	0.642	0.535	0.401	0.505	0.653	0.748	0.618	0.718	0.780	0.733	0.651	0.428	.