

Brown Swiss
Conversion equations from foreign countries to France (Base 2019)
 (Date of release : 04/12/2019)

Country of proof	Factor	Milk	Fat	Protein	Cell
Australia	a	-127.0	-5.800	-6.400	.
	b	1.200	1.290	1.220	.
Canada	a	-85.00	-4.100	-4.600	-15.41
	b	0.860	0.840	0.720	0.154
Germany and Austria	a	211.00	10.300	8.200	-8.150
	b	1.150	1.350	1.180	0.082
Italy	a	-162.0	-5.500	-3.500	-5.570
	b	0.860	0.970	0.770	0.056
Netherland	a	868.00	26.200	21.500	-25.42
	b	0.830	0.900	0.780	0.250
New-Zealand	a	238.00	30.100	10.300	-0.810
	b	1.390	1.230	1.300	-2.509
Slovenia	a	-6908	-276.1	-225.8	-9.540
	b	59.610	2.360	1.930	0.092
Switzerland	a	-269.0	-12.70	-9.800	-9.130
	b	0.970	1.030	0.880	0.092
United Kingdom	a	-378.0	-14.40	-12.50	0.010
	b	2.150	2.670	2.370	-0.080
United States of America	a	-164.0	-8.300	-9.200	13.020
	b	0.890	1.020	0.950	-4.362

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Country of Conversion	Factor	Milk	Fat	Protein	Cell
Australia	a	84.752	2.777	4.506	.
	b	0.460	0.410	0.392	.
Canada	a	62.511	4.113	4.770	100.30
	b	0.944	0.906	0.976	5.566
Germany and Austria	a	-228.3	-9.141	-8.123	98.760
	b	0.638	0.562	0.609	11.380
Italy	a	87.103	1.489	1.495	99.712
	b	0.862	0.739	0.916	14.056
Netherland	a	-1054	-29.72	-27.73	102.05
	b	0.885	0.813	0.877	3.514
New-Zealand	a	-195.1	-26.15	-8.693	-0.329
	b	0.392	0.431	0.368	-0.304
Slovenia	a	114.74	114.55	115.44	104.24
	b	0.011	0.288	0.344	8.615
Switzerland	a	184.96	8.384	6.570	100.30
	b	0.833	0.767	0.838	9.769
United Kingdom	a	154.83	4.843	4.626	0.001
	b	0.365	0.307	0.317	-11.84
United States of America	a	142.19	6.148	7.404	2.966
	b	0.937	0.807	0.829	-0.182

Holstein**Conversion equations from foreign countries to France (Base 2019)***(Date of release : 04/12/2019)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Australia	a	-808.0	-17.30	-25.80	-0.790
	b	1.340	1.420	1.320	-3.609
Canada	a	-210.0	-4.600	-13.40	-19.52
	b	0.760	0.790	0.740	0.195
Croatia	a	-5213	-197.3	-148.9	-9.310
	b	46.350	1.830	1.310	0.089
Czech Republic	a	-115.0	-2.000	-5.800	-6.770
	b	0.810	1.090	0.970	0.067
Denmark, Finland and Sweden	a	-5527	-217.2	-155.5	-9.420
	b	54.540	2.250	1.590	0.099
Estonia	a	-682.0	-13.90	-21.70	-8.110
	b	1.140	1.200	1.090	0.079
Germany and Austria	a	-289.0	-4.600	-10.10	-8.970
	b	1.010	1.050	1.000	0.089
Germany and Austria (Red Hol)	a	-771.8	-16.68	-21.30	.
	b	1.010	1.050	1.000	.
Hungary	a	-443.0	-17.20	-20.50	-0.260
	b	0.800	0.850	0.740	-0.747
Ireland	a	-1504	-36.70	-42.00	-0.400
	b	3.500	3.200	2.910	-9.952
Israel	a	-312.0	4.800	-9.800	-0.090
	b	1.430	1.500	1.500	-4.181
Italy	a	-183.0	-7.800	-11.20	-19.05
	b	0.960	0.980	0.860	0.189
Japan	a	-108.0	-10.10	-13.60	5.410
	b	0.970	1.030	0.980	-2.690
Latvia	a	-738.0	-13.40	-22.40	-0.770
	b	1.440	1.210	1.330	-2.310
Lituania	a	-1909	-47.20	-57.40	-0.270
	b	1.320	1.150	1.240	-2.795
Netherland (MRY)	a	-2022	-57.47	-45.90	-24.84
	b	0.850	0.890	0.810	0.246
Netherland (Red Hol)	a	-874.7	-8.520	-14.31	-25.09
	b	0.850	0.890	0.810	0.246
Netherland and Flemish	a	-380.0	-1.400	-5.400	-25.09
	b	0.850	0.890	0.810	0.246
New-Zealand	a	-2286	-32.20	-53.10	-0.750
	b	1.730	1.460	1.570	-2.592

Holstein**Conversion equations from foreign countries to France (Base 2019)***(Date of release : 04/12/2019)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Poland	a	-681.0	-16.20	-22.30	-11.28
	b	1.410	1.440	1.440	0.110
Portugal	a	-296.0	-20.00	-17.70	-0.330
	b	0.950	1.220	1.040	-2.345
Rep. of South Africa	a	-439.0	-13.40	-19.10	-0.240
	b	1.020	1.220	1.090	-0.042
Slovak Republic	a	-415.0	-12.40	-16.30	7.280
	b	1.380	1.430	1.360	-2.572
Slovenia	a	-6140	-270.8	-195.4	-10.68
	b	53.370	2.420	1.660	0.101
Spain	a	-287.0	-15.70	-16.70	-10.39
	b	1.110	1.160	1.080	0.101
Swizerland	a	-960.0	-20.40	-28.90	-9.510
	b	0.940	0.920	0.880	0.094
United Kingdom	a	-565.0	-13.60	-21.60	-0.350
	b	2.110	2.560	2.370	-0.086
United States of America	a	-196.0	-11.00	-14.90	14.790
	b	0.860	0.970	0.940	-5.007
Walloon part of Belgium	a	-743.0	-23.40	-23.20	6.250
	b	1.100	1.110	1.000	-2.195

Holstein**Conversion equations from France to foreign countries (Base 2019)***(Date of Release : 04/12/2019)*

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Australia	a	395.43	2.366	9.796	-0.222
	b	0.493	0.407	0.407	-0.226
Canada	a	298.14	6.141	18.481	100.20
	b	1.101	1.076	1.087	4.474
Croatia	a	111.25	108.07	111.73	103.95
	b	0.014	0.355	0.487	8.556
Czech Republic	a	105.84	0.522	3.981	100.23
	b	0.847	0.649	0.691	11.308
Denmark, Finland and Sweden	a	99.418	94.675	95.552	95.386
	b	0.016	0.371	0.519	9.600
Estonia	a	517.26	8.455	16.149	101.17
	b	0.711	0.690	0.726	10.529
Germany and Austria	a	288.67	4.021	9.646	99.719
	b	0.829	0.778	0.774	10.266
Germany and Austria (Red Hol)	a	685.03	12.967	18.309	.
	b	0.829	0.778	0.774	.
Hungary	a	480.78	16.786	23.225	-0.207
	b	0.958	0.940	1.094	-1.138
Ireland	a	344.75	5.860	8.492	-0.041
	b	0.259	0.228	0.261	-0.083
Israel	a	-73.21	-8.929	-1.310	-0.026
	b	0.488	0.450	0.463	-0.180
Italy	a	150.51	6.427	10.263	100.31
	b	0.819	0.845	0.901	4.613
Japan	a	94.537	8.906	12.478	2.049
	b	0.858	0.795	0.819	-0.305
Latvia	a	396.74	9.043	14.392	-0.194
	b	0.529	0.554	0.577	-0.353
Lituania	a	868.22	21.251	25.628	-0.063
	b	0.457	0.482	0.483	-0.268
Netherland (MRV)	a	2237.2	56.066	52.598	98.411
	b	0.958	0.887	0.966	3.518
Netherland (Red Hol)	a	943.32	7.281	14.928	101.93
	b	0.958	0.887	0.966	3.518
Netherland and Flemish	a	385.54	0.185	4.303	101.93
	b	0.958	0.887	0.966	3.518
New-Zealand	a	977.19	3.894	18.227	-0.287
	b	0.364	0.354	0.341	-0.286

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Country of Conversion	Factor	Milk	Fat	Protein	Cell
Poland	a	454.37	9.178	13.506	102.17
	b	0.597	0.597	0.574	8.063
Portugal	a	279.33	16.016	16.825	-0.126
	b	0.726	0.715	0.761	-0.342
Rep. of South Africa	a	366.66	11.227	15.549	-5.109
	b	0.670	0.550	0.574	-20.61
Slovak Republic	a	258.65	9.099	10.113	2.857
	b	0.509	0.461	0.524	-0.321
Slovenia	a	112.64	110.40	114.43	104.97
	b	0.013	0.300	0.445	7.965
Spain	a	294.65	14.823	16.864	102.80
	b	0.767	0.753	0.763	9.231
Swizerland	a	898.44	18.473	27.927	99.701
	b	0.929	0.882	0.980	9.555
United Kingdom	a	224.73	4.949	8.531	-3.380
	b	0.377	0.322	0.357	-10.75
United States of America	a	189.82	10.072	14.219	2.971
	b	0.927	0.870	0.843	-0.158
Walloon part of Belgium	a	645.21	19.817	20.983	2.888
	b	0.626	0.617	0.630	-0.416

Simmental**Conversion equations from foreign countries to France (Base 2019)***(Date of release : 04/12/2019)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Croatia	a	-6810	-274.9	-222.6	-9.810
	b	61.340	2.510	1.970	0.091
Germany and Austria	a	579.00	21.900	15.300	-8.070
	b	1.090	1.240	1.090	0.077
Hungary	a	-633.0	-27.10	-26.60	5.120
	b	1.430	1.520	1.370	-0.057
Ireland	a	303.00	13.200	6.300	.
	b	3.200	2.880	2.630	.
Italy	a	215.00	7.100	5.500	-6.680
	b	1.090	1.090	1.040	0.065
Netherland and Flemish	a	1191.0	46.300	33.400	-24.68
	b	0.790	0.850	0.760	0.235
Slovak Republic	a	.	.	.	6.580
	b	.	.	.	-2.357
Slovenia	a	-8111	-320.6	-271.4	-11.23
	b	72.530	2.850	2.380	0.105
Switzerland	a	-1077	-38.60	-34.10	-8.690
	b	1.130	1.160	1.180	0.086
United Kingdom	a	263.00	9.600	7.100	-0.630
	b	2.690	2.960	2.760	-0.084
United States of America	a	1223.0	11.900	11.300	12.180
	b	1.070	1.280	1.210	-4.209

Simmental**Conversion equations from France to foreign countries (Base 2019)***(Date of Release : 04/12/2019)*

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Croatia	a	110.93	110.40	112.25	107.05
	b	0.013	0.293	0.402	8.268
Germany and Austria	a	-629.8	-20.33	-17.49	103.55
	b	0.705	0.643	0.687	10.929
Hungary	a	462.63	18.508	19.178	91.612
	b	0.524	0.472	0.514	-14.31
Ireland	a	-15.44	-0.493	0.001	.
	b	0.237	0.254	0.242	.
Italy	a	-243.2	-8.275	-6.411	101.91
	b	0.650	0.646	0.603	12.430
Netherland and Flemish	a	-1583	-55.34	-46.68	104.85
	b	1.004	0.921	0.994	3.706
Slovak Republic	a	.	.	.	2.834
	b	.	.	.	-0.333
Slovenia	a	110.47	111.55	112.76	107.21
	b	0.010	0.260	0.324	7.709
Switzerland	a	1011.9	34.060	29.598	101.52
	b	0.826	0.788	0.782	9.700
United Kingdom	a	-97.72	-2.622	-2.664	-7.137
	b	0.280	0.264	0.273	-10.97
United States of America	a	-1117	-8.818	-9.223	2.916
	b	0.757	0.645	0.638	-0.189

Brown Swiss
Conversion equations from foreign countries to France 1/2 (Base 2019)
(Date of Release : 04/12/2019)

Country of proof	Factor	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	a	0.378	0.057	0.119	-0.328	0.018	0.185	-0.039	-0.063	0.227	-0.005	.	0.197	0.144	-0.055
	b	0.131	0.091	0.102	0.137	0.125	0.129	0.094	0.107	0.147	0.088	.	0.105	0.089	0.143
Germany and Austria	a	-8.145	-5.996	-7.563	-7.680	-6.763	-7.805	-6.646	-8.052	-7.669	-7.438	-6.001	-7.263	-5.881	-8.631
	b	0.080	0.059	0.075	0.076	0.068	0.079	0.064	0.079	0.075	0.071	0.059	0.070	0.056	0.085
Italy	a	-6.258	-3.569	-4.310	-3.993	-4.395	-3.846	-4.360	-4.767	-4.794	-4.594	-5.835	-6.839	-5.592	-4.848
	b	0.060	0.036	0.043	0.039	0.042	0.040	0.039	0.043	0.045	0.043	0.056	0.063	0.052	0.049
Netherland	a	-19.33	-18.18	-17.91	-20.97	-20.50	-17.02	-19.19	-20.78	-21.55	-17.69	.	-16.35	-13.33	-18.40
	b	0.196	0.181	0.188	0.204	0.229	0.181	0.166	0.180	0.222	0.187	.	0.182	0.148	0.177
Slovenia	a	-6.496	-3.452	-3.129	-4.114	-3.878	-3.556	-4.074	-3.660	-4.945	-3.273	-4.277	-5.191	-5.102	-4.393
	b	0.053	0.035	0.028	0.041	0.033	0.038	0.035	0.032	0.042	0.026	0.035	0.041	0.041	0.049
Switzerland	a	-7.181	-7.436	-7.872	-8.413	-6.795	-7.028	-5.466	-7.500	-7.713	-7.206	-5.867	-7.500	-6.735	-6.619
	b	0.073	0.077	0.080	0.082	0.071	0.073	0.054	0.076	0.079	0.070	0.058	0.075	0.068	0.062
United Kingdom	a	-0.154	-0.091	0.118	-0.204	-0.094	-0.188	0.072	.	-0.052	-0.089	.	0.086	.	0.057
	b	1.219	0.593	0.571	0.520	0.766	0.935	1.051	.	0.489	0.324	.	0.652	.	0.693
United States of America	a	0.223	0.023	0.204	-0.468	0.000	0.125	-0.049	-0.108	0.119	0.001	.	0.043	0.094	0.009
	b	0.547	1.062	1.079	0.834	1.107	1.300	1.259	1.365	0.767	0.707	.	0.746	0.753	0.661

Brown Swiss
Conversion equations from foreign countries to France 2/2 (Base 2019)
(Date of Release : 04/12/2019)

Country of proof	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	tpl	hoq	ofr	oru	pwi	thp	tth
Canada	a	0.279	0.064	0.440	-10.51	0.199	.	.	.	0.144	0.320	0.291	0.052	0.018	-0.223	.
	b	0.125	0.128	0.091	0.103	0.112	.	.	.	0.180	0.143	0.098	0.134	0.125	0.118	.
Germany and Austria	a	-8.315	-7.929	.	-6.190	-7.548	-6.400	-8.177	-7.727	-10.18	-7.368	-7.392	-6.956	-6.763	-6.769	-6.112
	b	0.083	0.076	.	0.063	0.076	0.063	0.078	0.077	0.102	0.075	0.072	0.068	0.068	0.068	0.061
Italy	a	-3.781	-4.514	.	-4.480	-3.705	-3.065	-4.417	-4.585	-4.800	-4.540	-4.559	-5.526	-4.395	-2.939	-3.871
	b	0.036	0.042	.	0.044	0.035	0.031	0.041	0.043	0.048	0.044	0.045	0.053	0.042	0.029	0.036
Netherland	a	-19.34	-19.70	-13.91	-11.98	-16.61	.	.	.	.	.	.	.	-20.50	.	.
	b	0.193	0.203	0.151	0.127	0.172	.	.	.	.	.	.	.	0.229	.	.
Slovenia	a	-5.856	-5.955	.	-3.190	-4.368	-3.262	-5.808	-3.866	-5.032	-4.859	-3.942	-3.395	-3.878	-2.526	-3.762
	b	0.049	0.049	.	0.031	0.035	0.029	0.049	0.033	0.051	0.043	0.032	0.029	0.033	0.024	0.041
Swizerland	a	-6.417	-6.297	6.321	-5.160	-6.569	-7.685	-5.563	-7.728	-9.677	-8.705	-6.095	-5.295	-6.795	-8.103	-5.885
	b	0.067	0.064	-0.064	0.051	0.067	0.077	0.056	0.078	0.103	0.087	0.063	0.055	0.071	0.080	0.057
United Kingdom	a	0.056	.	0.113	.	-0.159	.	.	.	.	.	.	.	-0.094	.	.
	b	0.694	.	1.028	.	0.583	.	.	.	.	.	.	.	0.766	.	.
United States of America	a	0.161	-0.028	0.396	.	0.144	.	.	0.022	.	.	0.191	-0.116	0.000	-0.538	.
	b	0.688	0.711	0.524	.	0.621	.	.	1.103	.	.	0.512	1.236	1.107	0.856	.

Brown Swiss
Conversion equations from France to foreign countries 1/2 (Base 2019)
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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	-4.398	-2.879	-0.696	-1.481	2.243	-0.200	-1.312	-0.333	0.052	-1.435	-0.445	.	-2.519	-2.214	0.398
	b	8.368	7.239	7.999	5.566	7.036	7.337	6.500	5.535	6.112	6.388	8.204	.	7.062	7.979	6.274
Germany and Austria	a	.	101.91	99.332	100.57	101.11	99.126	99.098	100.72	100.53	100.59	104.60	100.16	102.69	102.31	101.30
	b	.	11.821	8.976	11.587	12.137	12.945	11.368	6.773	8.810	11.169	11.149	11.318	10.891	10.376	11.225
Italy	a	.	103.98	100.11	98.186	102.39	103.97	97.071	112.24	109.69	107.22	107.88	103.76	109.02	106.69	99.352
	b	.	15.231	20.541	18.672	23.540	19.092	21.431	15.915	16.730	20.717	18.141	11.089	12.076	12.485	18.857
Netherland	a	92.715	98.951	100.67	95.259	102.73	89.427	94.252	114.57	114.88	97.285	94.654	.	89.931	90.087	103.87
	b	3.047	4.763	3.664	3.959	4.480	3.817	4.517	4.139	3.903	3.971	4.449	.	4.024	4.040	4.763
Slovenia	a	.	121.20	95.566	104.89	98.846	114.50	94.973	113.41	113.10	116.11	120.24	120.77	124.41	121.17	90.102
	b	.	16.250	20.210	22.263	20.091	26.527	19.002	15.446	21.657	19.448	18.008	17.790	16.099	15.002	16.750
Swizerland	a	96.469	98.821	96.935	98.338	101.26	96.316	96.093	100.40	99.005	97.402	102.04	100.87	98.435	99.181	106.61
	b	-5.933	13.006	9.609	10.084	11.106	9.406	11.205	7.700	8.702	11.323	12.413	9.062	10.124	11.840	14.434
United Kingdom	a	-0.030	0.129	0.133	-0.281	0.366	0.097	0.208	-0.146	.	0.081	0.213	.	-0.151	.	-0.082
	b	0.591	0.774	1.149	1.207	1.816	1.140	0.904	0.777	.	1.849	2.387	.	1.132	.	1.267
United States of America	a	-0.555	-0.443	0.015	-0.113	0.554	-0.035	-0.086	0.057	0.048	-0.195	0.076	.	-0.176	-0.164	-0.052
	b	1.019	1.695	0.822	0.762	1.142	0.680	0.662	0.550	0.527	1.184	1.079	.	1.064	0.955	1.350

Brown Swiss
Conversion equations from France to foreign countries 2/2 (Base 2019)
(Date of Release : 04/12/2019)

Country of Conversion	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	tpl	hoq	ofr	oru	pwi	thp	tth
Canada	a	-2.365	-0.744	-4.398	102.29	-1.847	.	.	.	-0.799	-2.142	-3.302	-0.515	-0.200	1.848	.
	b	7.503	7.146	8.368	8.624	7.192	.	.	.	5.189	5.800	6.993	5.920	7.337	6.221	.
Germany and Austria	a	100.00	103.73	.	98.325	99.036	101.67	104.51	99.948	99.032	98.136	102.11	98.705	99.126	99.293	100.11
	b	11.060	12.035	.	11.505	11.605	11.703	11.460	11.594	8.380	11.040	12.105	11.380	12.945	12.228	13.785
Italy	a	106.10	107.08	.	100.54	105.30	99.571	109.13	104.72	98.378	105.51	101.06	105.47	103.97	101.63	105.95
	b	21.036	20.595	.	19.604	21.078	22.580	19.832	18.596	17.515	18.042	18.900	15.780	19.092	24.874	25.085
Netherland	a	100.39	96.878	92.715	94.412	96.559	.	.	.	.	.	.	.	89.427	.	.
	b	4.747	4.605	3.047	6.957	4.796	.	.	.	.	.	.	.	3.817	.	.
Slovenia	a	117.83	119.71	.	105.53	122.68	111.11	119.98	115.83	98.485	113.23	118.38	109.65	114.50	104.83	90.146
	b	17.681	16.752	.	25.326	20.587	20.535	17.050	22.304	16.529	18.827	21.558	17.835	26.527	31.231	20.213
Swizerland	a	95.210	98.714	96.469	102.31	97.118	99.626	98.447	99.496	93.355	98.547	95.888	94.326	96.316	100.84	102.17
	b	13.996	14.871	-5.933	17.730	12.003	10.567	15.800	11.272	8.963	9.769	12.024	14.953	9.406	9.584	15.507
United Kingdom	a	-0.112	.	-0.030	.	0.270	.	.	.	.	.	.	.	0.097	.	.
	b	1.192	.	0.591	.	1.377	.	.	.	.	.	.	.	1.140	.	.
United States of America	a	-0.196	-0.060	-0.555	.	-0.311	.	.	-0.130	.	.	-0.379	-0.058	-0.035	0.602	.
	b	1.128	1.162	1.019	.	1.257	.	.	0.502	.	.	1.602	0.473	0.680	0.797	.

Prim Holstein
Conversion equations from foreign countries to France (Base 2019)
(Date of Release : 04/12/2019)

Country of proof	Factor	stat	chw	bd	rw	ang	ra	rls	fa	rlr	us	ud	fu	ruh	tp	rtp	tl	lo	ms
Australia	a	-0.778	-0.103	-0.021	-0.206	-0.370	-0.164	0.187	-0.246	-0.224	-0.334	-0.700	-0.154	-0.565	-0.185	-0.113	-0.094	.	0.350
	b	1.564	1.398	1.145	1.837	1.429	1.649	2.831	2.401	2.007	1.821	1.813	1.893	1.870	1.627	1.977	1.403	.	-3.661
Canada	a	0.468	-0.015	0.257	0.181	0.603	-0.275	-0.065	0.127	0.175	0.337	0.671	0.660	0.772	0.238	0.328	-0.265	0.247	-13.75
	b	0.186	0.153	0.124	0.182	0.133	0.171	0.149	0.127	0.142	0.153	0.209	0.162	0.174	0.177	0.175	0.194	0.137	0.140
Czech Republic	a	-7.639	-6.574	-5.203	-7.163	-5.571	-7.377	-6.104	-5.394	-5.294	-5.523	-7.866	-6.793	-6.428	-7.251	-6.282	-6.670	-3.438	.
	b	0.077	0.063	0.049	0.069	0.055	0.070	0.061	0.055	0.054	0.056	0.084	0.071	0.066	0.075	0.065	0.064	0.037	.
Denmark, Finland and Sweden	a	-10.06	-8.733	-8.297	-9.453	-8.874	-9.149	-6.720	-5.653	-7.212	-9.037	-8.700	-8.221	-8.805	-9.549	-9.454	-9.214	-5.995	-6.930
	b	0.095	0.079	0.072	0.087	0.084	0.089	0.070	0.056	0.072	0.085	0.091	0.084	0.087	0.096	0.091	0.091	0.059	0.072
Estonia	a	-9.774	-6.311	-6.629	-8.204	-4.866	-6.963	-6.001	-5.367	-4.754	-6.498	-9.540	-6.985	-8.352	-8.096	-8.012	-6.957	-3.740	.
	b	0.091	0.059	0.062	0.077	0.045	0.068	0.061	0.053	0.047	0.062	0.090	0.067	0.079	0.078	0.077	0.068	0.037	.
Germany and Austria	a	-8.248	-8.327	-8.204	-9.851	-6.576	-8.826	-8.016	-7.245	-8.266	-7.058	-8.235	-7.631	-7.612	-7.405	-7.273	-7.385	-7.555	-8.800
	b	0.080	0.079	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	-8.606	-8.366	-8.409	-9.831	-6.872	-8.705	-8.048	-7.275	-8.283	-7.415	-8.362	-7.703	-7.973	-7.684	-7.610	-7.509	-7.595	-8.951
	b	0.080	0.079	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	-0.779	-0.423	-0.332	-0.461	-0.221	-0.313	-0.178	0.121	0.078	-0.072	-0.261	0.071	-0.352	-0.095	-0.015	0.027	0.087	.
	b	1.103	0.946	0.896	1.050	0.787	1.019	0.943	0.877	0.893	1.007	1.040	0.885	1.012	1.030	0.987	0.878	0.641	.
Ireland	a	-1.446	-0.622	-0.810	-0.832	-1.139	-0.443	0.326	-0.329	-0.266	-1.020	-1.020	-0.606	-1.074	-0.695	-0.640	-0.059	-0.379	.
	b	1.349	0.588	0.767	0.528	1.173	0.604	0.560	0.483	0.363	0.781	0.821	0.692	0.848	0.755	0.766	0.588	0.471	.
Italy	a	-0.302	-0.298	-0.159	-0.248	-0.018	-0.225	-0.115	0.007	-0.007	0.048	-0.096	0.052	-0.005	-0.082	0.073	-0.174	0.031	-14.84
	b	0.848	0.757	0.781	0.716	0.608	0.686	0.628	0.448	0.469	0.594	0.784	0.575	0.685	0.731	0.710	0.653	0.423	0.149
Japan	a	-0.379	-0.371	-0.154	-0.317	0.009	-0.224	0.025	0.042	0.041	0.021	-0.309	-0.014	-0.102	-0.098	0.080	-0.116	.	.
	b	0.828	0.687	0.725	0.780	0.545	0.705	0.529	0.435	0.442	0.572	0.832	0.614	0.693	0.733	0.686	0.696	.	.
Netherland (MRV)	a	-26.17	-19.92	-22.36	-22.83	-18.22	-18.40	-17.95	-15.72	-18.92	-24.07	-24.79	-21.31	-23.43	-24.07	-23.79	-19.02	-18.04	-18.38
	b	0.226	0.211	0.201	0.224	0.151	0.202	0.174	0.164	0.191	0.217	0.222	0.192	0.195	0.221	0.217	0.193	0.182	0.188

Prim Holstein
Conversion equations from foreign countries to France (Base 2019)
(Date of Release : 04/12/2019)

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	-23.91	-21.39	-20.96	-23.06	-16.11	-19.81	-17.77	-16.22	-18.92	-22.56	-23.02	-19.59	-20.50	-22.31	-22.48	-19.79	-17.85	-18.95
	b	0.226	0.211	0.201	0.224	0.151	0.202	0.174	0.164	0.191	0.217	0.222	0.192	0.195	0.221	0.217	0.193	0.182	0.188
Netherland and Flemish	a	-23.46	-21.39	-20.76	-22.83	-15.81	-20.01	-17.60	-16.22	-18.92	-22.12	-22.80	-19.39	-20.11	-22.31	-22.05	-19.40	-17.85	-18.76
	b	0.226	0.211	0.201	0.224	0.151	0.202	0.174	0.164	0.191	0.217	0.222	0.192	0.195	0.221	0.217	0.193	0.182	0.188
New-Zealand	a	-5.086	-0.987	-1.675	-2.612	.	-0.516	1.303	.	.	-2.075	.	-1.404	-2.346	-1.582	-1.901	.	.	0.420
	b	2.198	1.967	1.912	3.071	.	2.960	4.638	.	.	1.839	.	2.276	2.417	3.376	2.222	.	.	2.748
Poland	a	-15.36	-8.652	-7.490	-10.33	-12.91	-8.768	-7.233	-6.430	-6.941	-9.270	-12.96	-10.52	-14.29	-11.40	-9.984	-8.363	.	.
	b	0.141	0.082	0.070	0.097	0.119	0.085	0.073	0.062	0.069	0.086	0.120	0.099	0.132	0.107	0.097	0.084	.	.
Portugal	a	-1.056	-0.281	-0.112	-0.582	-0.679	-0.091	-0.171	-0.249	-0.044	-0.340	-0.571	-0.433	-0.937	-0.548	-0.427	-0.085	-0.096	.
	b	0.783	0.472	0.392	0.576	0.624	0.573	0.385	0.353	0.321	0.428	0.577	0.477	0.704	0.614	0.596	0.487	0.242	.
Rep. of South Africa	a	-0.604	-0.268	-0.260	-0.245	-0.194	-0.202	0.066	-0.079	0.051	-0.039	-0.126	0.158	-0.183	0.063	0.058	-0.168	.	.
	b	1.329	1.209	0.928	1.034	0.946	1.153	1.072	1.003	0.936	0.964	1.111	1.037	1.016	1.227	1.647	1.115	.	.
Slovenia	a	-8.684	-4.652	-5.440	-5.324	-3.993	-5.825	-3.865	-3.146	-3.851	-4.666	-7.732	-5.318	-7.495	-7.073	-7.604	-5.259	-3.093	-4.330
	b	0.069	0.041	0.045	0.046	0.030	0.055	0.040	0.030	0.036	0.038	0.066	0.045	0.061	0.061	0.065	0.053	0.026	0.041
Spain	a	-0.447	-0.128	0.115	-0.179	-0.083	-0.200	-0.257	-0.021	0.100	-0.322	-0.285	-0.150	-0.189	-0.197	-0.155	-0.062	-0.099	.
	b	1.187	0.908	0.906	1.044	1.041	0.913	0.792	0.877	0.894	1.030	1.036	1.006	1.192	1.036	1.122	0.874	0.917	.
Swizerland	a	-10.39	-9.340	-9.163	-9.411	-7.753	-9.222	-8.189	-6.332	-7.901	-8.166	-9.100	-7.397	-9.279	-9.274	-9.091	-8.597	-6.673	-8.210
	b	0.100	0.092	0.089	0.092	0.075	0.090	0.083	0.063	0.079	0.078	0.094	0.079	0.093	0.091	0.088	0.082	0.066	0.084
United Kingdom	a	-0.187	-0.370	-0.122	-0.207	0.115	-0.292	-0.032	-0.005	0.041	-0.014	-0.023	0.111	-0.064	-0.063	0.020	-0.181	0.083	0.160
	b	0.900	0.673	0.819	0.879	0.865	0.833	0.718	0.704	0.401	0.790	1.022	0.837	0.900	0.837	0.835	0.758	0.673	6.616
United States of America	a	-0.211	-0.284	-0.154	-0.167	0.013	-0.374	0.035	-0.026	0.064	-0.012	0.130	0.202	0.042	0.085	0.051	-0.198	0.054	.
	b	0.815	0.843	0.846	0.748	0.621	0.718	0.583	0.540	0.508	0.665	0.782	0.575	0.614	0.677	0.640	0.710	0.581	.
Walloon part of Belgium	a	-0.316	-0.197	-0.111	-0.145	-0.124	-0.134	-0.084	0.098	0.182	-0.148	-0.229	-0.002	-0.209	-0.223	-0.213	-0.121	0.189	.
	b	0.958	0.610	0.721	0.739	0.747	0.641	0.535	0.400	0.506	0.654	0.749	0.619	0.719	0.782	0.731	0.651	0.430	.