

Brown Swiss
Conversion equations from foreign countries to France (Base 2018)
 (Date of release : 05/12/2018)

Country of proof	Factor	Milk	Fat	Protein	Cell
Australia	a	-106.0	-4.500	-4.800	.
	b	1.220	1.250	1.200	.
Canada	a	-80.00	-4.100	-4.100	-16.28
	b	0.860	0.810	0.710	0.163
Germany and Austria	a	152.00	7.200	6.700	-8.090
	b	1.160	1.350	1.190	0.082
Italy	a	-176.0	-6.300	-3.600	-5.410
	b	0.850	0.970	0.760	0.054
Netherland	a	964.00	26.400	23.700	-25.88
	b	0.880	0.900	0.810	0.255
New-Zealand	a	278.00	34.200	12.400	0.850
	b	1.460	1.340	1.370	2.426
Slovenia	a	-7093	-279.1	-234.4	-9.530
	b	61.240	2.380	2.010	0.092
Switzerland	a	-269.0	-12.90	-9.900	-8.990
	b	1.020	1.080	0.940	0.090
United Kingdom	a	-294.0	-13.50	-10.80	0.060
	b	2.220	2.640	2.370	0.078
United States of America	a	-132.0	-7.700	-7.900	13.110
	b	0.910	1.030	0.950	-4.391

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Country of Conversion	Factor	Milk	Fat	Protein	Cell
Australia	a	67.888	1.757	3.139	.
	b	0.472	0.460	0.423	.
Canada	a	60.283	4.559	4.469	100.25
	b	0.921	0.911	0.959	5.174
Germany and Austria	a	-173.5	-6.959	-6.723	98.771
	b	0.619	0.561	0.591	11.362
Italy	a	124.54	2.833	2.593	100.12
	b	0.822	0.736	0.879	14.358
Netherland	a	-1099	-30.14	-29.57	101.87
	b	0.826	0.813	0.826	3.460
New-Zealand	a	-212.6	-27.14	-9.890	-0.313
	b	0.387	0.413	0.352	-0.317
Slovenia	a	114.57	114.54	115.19	103.73
	b	0.011	0.295	0.343	8.767
Switzerland	a	186.07	8.390	6.621	100.10
	b	0.795	0.739	0.788	9.924
United Kingdom	a	111.70	4.500	3.933	0.354
	b	0.354	0.309	0.316	-12.22
United States of America	a	95.395	5.155	5.795	2.972
	b	0.897	0.801	0.809	-0.184

Holstein**Conversion equations from foreign countries to France (Base 2018)***(Date of release : 05/12/2018)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Australia	a	-806.0	-15.80	-25.00	-4.250
	b	1.350	1.450	1.340	0.036
Canada	a	-272.0	-6.500	-15.20	-19.48
	b	0.790	0.820	0.780	0.194
Croatia	a	-5206	-196.5	-148.0	-9.230
	b	45.920	1.830	1.290	0.089
Czech Republic	a	-141.0	-1.600	-6.200	-6.600
	b	0.810	1.080	0.960	0.066
Denmark, Finland and Sweden	a	-5592	-217.3	-157.7	-9.460
	b	54.890	2.250	1.600	0.099
Estonia	a	-696.0	-12.80	-21.00	-8.030
	b	1.170	1.220	1.090	0.079
Germany and Austria	a	-344.0	-4.800	-10.90	-8.960
	b	1.000	1.010	0.960	0.090
Germany and Austria (Red Hol)	a	-853.0	-16.72	-22.52	.
	b	1.000	1.010	0.960	.
Hungary	a	-426.0	-14.90	-19.30	-0.130
	b	0.840	0.880	0.760	-0.753
Ireland	a	-1500	-35.10	-41.10	-0.300
	b	3.580	3.350	3.070	-10.17
Israel	a	-314.0	6.100	-8.400	0.000
	b	1.450	1.520	1.520	-4.215
Italy	a	-238.0	-8.900	-12.40	-19.18
	b	0.950	0.990	0.850	0.191
Japan	a	-104.0	-8.700	-12.60	5.520
	b	0.980	1.030	0.990	-2.711
Latvia	a	-764.0	-13.00	-22.40	-0.660
	b	1.450	1.210	1.370	-2.292
Lituania	a	-1678	-37.60	-50.20	-0.100
	b	1.590	1.400	1.510	-2.978
Netherland (MRY)	a	-2049	-56.83	-45.60	-25.35
	b	0.870	0.910	0.830	0.250
Netherland (Red Hol)	a	-874.3	-6.780	-14.06	-25.35
	b	0.870	0.910	0.830	0.250
Netherland and Flemish	a	-368.0	0.500	-4.100	-25.35
	b	0.870	0.910	0.830	0.250
New-Zealand	a	-2340	-30.20	-52.40	-0.690
	b	1.790	1.520	1.600	-2.589

Holstein**Conversion equations from foreign countries to France (Base 2018)***(Date of release : 05/12/2018)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Poland	a	-685.0	-14.90	-21.40	-11.32
	b	1.450	1.490	1.500	0.111
Portugal	a	-282.0	-17.40	-16.20	-0.240
	b	0.950	1.220	0.980	-2.349
Rep. of South Africa	a	-461.0	-12.70	-19.20	-0.200
	b	1.040	1.220	1.100	0.042
Slovak Republic	a	-430.0	-12.10	-15.80	-7.650
	b	1.380	1.450	1.360	2.542
Slovenia	a	-6149	-264.2	-195.4	-10.52
	b	52.990	2.350	1.650	0.101
Spain	a	-343.0	-14.70	-16.80	-10.25
	b	1.120	1.170	1.090	0.101
Swizerland	a	-1018	-21.10	-30.20	-9.490
	b	0.930	0.930	0.870	0.095
United Kingdom	a	-573.0	-13.80	-21.70	-0.220
	b	2.110	2.490	2.310	-0.087
United States of America	a	-188.0	-9.400	-14.00	15.000
	b	0.880	0.990	0.960	-5.044
Walloon part of Belgium	a	-767.0	-23.00	-23.20	-6.750
	b	1.100	1.120	1.010	2.202

Holstein**Conversion equations from France to foreign countries (Base 2018)***(Date of Release : 05/12/2018)*

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Australia	a	390.84	1.044	9.212	119.65
	b	0.490	0.412	0.411	23.935
Canada	a	381.31	9.084	20.807	100.37
	b	1.071	1.046	1.045	4.443
Croatia	a	111.92	107.74	112.05	103.70
	b	0.015	0.351	0.494	8.635
Czech Republic	a	125.54	0.306	4.026	98.999
	b	0.834	0.648	0.682	11.594
Denmark, Finland and Sweden	a	99.947	95.196	96.161	95.051
	b	0.016	0.370	0.517	9.537
Estonia	a	503.53	7.190	15.430	100.65
	b	0.692	0.674	0.711	10.338
Germany and Austria	a	342.80	4.564	10.662	99.279
	b	0.836	0.798	0.802	10.174
Germany and Austria (Red Hol)	a	768.52	13.979	20.371	.
	b	0.836	0.798	0.802	.
Hungary	a	439.20	13.990	20.944	-0.042
	b	0.965	0.927	1.080	-1.132
Ireland	a	341.85	5.500	8.225	-0.036
	b	0.257	0.222	0.259	-0.086
Israel	a	-90.17	-10.03	-2.312	0.004
	b	0.480	0.440	0.456	-0.176
Italy	a	194.24	7.389	11.386	100.11
	b	0.822	0.836	0.907	4.572
Japan	a	83.102	7.472	11.376	2.068
	b	0.855	0.786	0.807	-0.303
Latvia	a	410.88	8.586	14.130	-0.164
	b	0.542	0.555	0.580	-0.353
Lituania	a	867.94	20.639	25.131	-0.027
	b	0.460	0.484	0.482	-0.260
Netherland (MRY)	a	2183.1	52.408	49.631	101.39
	b	0.950	0.867	0.948	3.457
Netherland (Red Hol)	a	900.98	4.745	13.614	101.39
	b	0.950	0.867	0.948	3.457
Netherland and Flemish	a	348.26	-2.188	2.241	101.39
	b	0.950	0.867	0.948	3.457
New-Zealand	a	969.62	3.157	17.880	-0.264
	b	0.369	0.355	0.338	-0.285

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Country of Conversion	Factor	Milk	Fat	Protein	Cell
Poland	a	439.85	7.997	12.515	101.03
	b	0.586	0.577	0.550	7.918
Portugal	a	256.08	13.850	15.071	-0.085
	b	0.724	0.706	0.747	-0.342
Rep. of South Africa	a	377.32	10.800	15.667	-3.682
	b	0.659	0.553	0.578	-20.77
Slovak Republic	a	267.14	9.107	9.801	2.892
	b	0.511	0.458	0.521	-0.321
Slovenia	a	113.21	110.60	114.60	104.22
	b	0.013	0.302	0.442	7.911
Spain	a	343.98	14.081	16.963	101.64
	b	0.761	0.744	0.755	9.200
Swizerland	a	970.61	19.681	29.789	99.295
	b	0.953	0.879	1.001	9.397
United Kingdom	a	225.54	5.036	8.648	-2.006
	b	0.380	0.328	0.360	-10.61
United States of America	a	172.94	8.291	13.058	2.987
	b	0.922	0.861	0.835	-0.157
Walloon part of Belgium	a	666.86	19.901	21.124	2.933
	b	0.613	0.606	0.613	-0.414

Montbeliarde**Conversion equations from foreign countries to France (Base 2018)***(Date of release : 05/12/2018)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Croatia	a	-7458	-292.6	-244.7	-10.28
	b	61.620	2.490	2.010	0.101
Germany and Austria	a	-142.0	-1.500	-6.400	-8.000
	b	1.020	1.110	1.020	0.082
Hungary	a	-1172	-42.40	-42.80	-6.270
	b	1.380	1.400	1.320	0.064
Ireland	a	-229.0	-2.700	-10.70	.
	b	2.930	2.610	2.480	.
Italy	a	-418.0	-13.90	-14.80	-7.100
	b	0.970	0.970	0.920	0.075
Netherland and Flemish	a	558.00	24.200	14.000	-26.38
	b	0.760	0.790	0.730	0.257
Slovak Republic	a	-466.0	-12.90	-17.40	-7.430
	b	1.580	1.560	1.590	2.506
Slovenia	a	-7870	-300.5	-262.0	-11.69
	b	64.330	2.480	2.120	0.114
Switzerland	a	-1790	-59.60	-55.70	-8.880
	b	1.000	1.010	1.050	0.094
United Kingdom	a	-245.0	-7.000	-9.400	0.260
	b	2.550	2.580	2.490	0.086
United States of America	a	499.00	-7.900	-7.500	-13.22
	b	0.950	1.100	1.060	4.419

Montbeliarde**Conversion equations from France to foreign countries (Base 2018)***(Date of Release : 05/12/2018)*

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Croatia	a	119.64	116.53	121.43	102.29
	b	0.015	0.378	0.477	8.560
Germany and Austria	a	84.173	1.530	1.745	98.000
	b	0.783	0.729	0.765	9.953
Hungary	a	847.24	33.020	32.560	100.50
	b	0.571	0.567	0.591	-13.49
Ireland	a	-23.19	-4.517	-0.436	.
	b	0.230	0.218	0.248	.
Italy	a	434.29	13.331	15.226	95.623
	b	0.672	0.676	0.696	12.157
Netherland and Flemish	a	-862.5	-33.83	-25.03	102.99
	b	1.096	1.055	1.081	3.312
Slovak Republic	a	276.00	9.608	9.777	2.979
	b	0.429	0.431	0.425	-0.319
Slovenia	a	117.85	116.02	120.08	102.54
	b	0.012	0.308	0.390	7.444
Switzerland	a	1896.6	61.308	59.590	97.916
	b	0.993	0.980	0.989	9.054
United Kingdom	a	77.678	2.716	2.735	-1.754
	b	0.318	0.302	0.313	-9.914
United States of America	a	-541.2	7.636	6.614	3.002
	b	0.823	0.668	0.681	-0.182

Simmental**Conversion equations from foreign countries to France (Base 2018)***(Date of release : 05/12/2018)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Croatia	a	-6876	-280.4	-226.1	-9.320
	b	62.550	2.580	2.030	0.087
Germany and Austria	a	588.00	22.800	15.900	-8.180
	b	1.110	1.260	1.110	0.079
Hungary	a	-517.0	-22.80	-23.30	-6.290
	b	1.480	1.540	1.420	0.059
Ireland	a	495.00	21.100	11.100	.
	b	3.400	3.180	2.790	.
Italy	a	261.00	7.600	6.400	-6.930
	b	1.130	1.140	1.050	0.067
Netherland and Flemish	a	1348.0	50.500	38.000	-25.78
	b	0.820	0.870	0.790	0.246
Slovak Republic	a	235.00	9.400	3.700	-7.540
	b	1.730	1.750	1.780	2.370
Slovenia	a	-7762	-308.8	-260.2	-11.46
	b	69.520	2.750	2.290	0.107
Switzerland	a	-1150	-41.90	-37.00	-8.750
	b	1.110	1.160	1.160	0.087
United Kingdom	a	477.00	16.000	12.600	-0.270
	b	2.760	2.980	2.760	0.084
United States of America	a	1323.0	14.700	14.900	-13.02
	b	1.080	1.340	1.250	4.179

Simmental**Conversion equations from France to foreign countries (Base 2018)***(Date of Release : 05/12/2018)*

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Croatia	a	109.93	109.42	111.08	106.53
	b	0.012	0.287	0.394	8.312
Germany and Austria	a	-606.4	-20.12	-17.05	103.23
	b	0.728	0.647	0.708	10.887
Hungary	a	375.42	15.751	16.444	93.147
	b	0.509	0.471	0.503	-13.97
Ireland	a	-70.72	-2.794	-1.500	.
	b	0.230	0.231	0.242	.
Italy	a	-281.5	-8.618	-7.259	101.68
	b	0.595	0.582	0.561	12.025
Netherland and Flemish	a	-1681	-58.11	-49.67	104.59
	b	0.997	0.918	0.984	3.550
Slovak Republic	a	-102.7	-4.017	-1.638	2.852
	b	0.391	0.386	0.380	-0.331
Slovenia	a	109.95	111.19	112.19	106.84
	b	0.010	0.260	0.330	7.622
Switzerland	a	1078.3	36.686	32.009	101.09
	b	0.852	0.801	0.803	9.521
United Kingdom	a	-171.6	-4.872	-4.720	-6.967
	b	0.280	0.264	0.281	-10.94
United States of America	a	-1196	-9.492	-11.71	2.926
	b	0.755	0.614	0.616	-0.191

Brown Swiss
Conversion equations from foreign countries to France 1/2 (Base 2018)
(Date of Release : 05/12/2018)

Country of proof	Factor	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	a	0.369	0.050	0.116	-0.300	0.159	0.187	-0.033	-0.037	0.243	-0.051	.	0.141	0.094	-0.092
	b	0.133	0.089	0.102	0.142	0.115	0.130	0.092	0.105	0.153	0.096	.	0.109	0.095	0.147
Germany and Austria	a	-8.055	-5.071	-7.490	-7.657	-5.501	-7.647	-6.669	-7.445	-7.609	-7.359	-6.025	-7.273	-5.844	-8.694
	b	0.079	0.051	0.074	0.076	0.057	0.078	0.064	0.073	0.075	0.070	0.059	0.070	0.056	0.086
Italy	a	-6.081	-3.350	-4.329	-3.973	-3.833	-3.772	-4.307	-4.681	-4.678	-4.628	-5.822	-6.577	-5.448	-4.853
	b	0.059	0.033	0.043	0.039	0.038	0.039	0.038	0.042	0.044	0.043	0.055	0.060	0.050	0.049
Netherland	a	-18.80	-17.12	-17.97	-20.86	-19.62	-16.72	-18.79	-20.38	-21.39	-17.52	.	-16.08	-13.20	-18.51
	b	0.191	0.170	0.189	0.203	0.222	0.178	0.163	0.178	0.221	0.185	.	0.179	0.147	0.177
Slovenia	a	-6.372	-3.297	-3.099	-4.125	-3.122	-3.642	-3.906	-3.529	-4.765	-3.395	-3.992	-5.056	-5.011	-4.414
	b	0.052	0.033	0.028	0.041	0.029	0.039	0.033	0.031	0.041	0.027	0.032	0.040	0.041	0.049
Swizerland	a	-7.089	-6.843	-7.962	-8.385	-6.946	-6.919	-5.396	-7.410	-7.645	-7.239	-5.791	-7.673	-6.818	-6.672
	b	0.072	0.071	0.080	0.082	0.073	0.071	0.054	0.075	0.079	0.071	0.057	0.076	0.068	0.062
United Kingdom	a	-0.084	-0.071	0.140	-0.206	0.095	-0.239	0.153	.	0.027	-0.071	.	0.115	.	0.000
	b	1.220	0.574	0.557	0.509	0.740	0.896	1.054	.	0.486	0.312	.	0.636	.	0.673
United States of America	a	0.269	0.170	0.211	-0.458	0.168	0.118	-0.039	-0.054	0.192	0.046	.	0.073	0.111	-0.062
	b	0.538	0.998	1.040	0.827	1.072	1.277	1.363	1.318	0.757	0.696	.	0.729	0.758	0.673

Brown Swiss
Conversion equations from foreign countries to France 2/2 (Base 2018)
(Date of Release : 05/12/2018)

Country of proof	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	ld	hoq	ofr	oru	pwi	thp	tth
Canada	a	0.249	0.058	0.408	-10.79	0.178	.	.	.	0.0946	0.315	0.252	0.053	.	-0.211	.
	b	0.128	0.132	0.096	0.106	0.114	.	.	.	0.1783	0.138	0.100	0.132	.	0.117	.
Germany and Austria	a	-8.247	-7.881	.	-6.260	-7.514	-6.382	-8.086	-7.672	-10.1412	-7.343	-7.205	-6.844	.	-6.560	-6.234
	b	0.082	0.075	.	0.064	0.075	0.064	0.077	0.076	0.1008	0.075	0.070	0.067	.	0.066	0.061
Italy	a	-3.633	-4.461	.	-4.460	-3.666	-3.037	-4.404	-4.385	-4.7188	-4.386	-4.293	-5.346	.	-2.908	-3.985
	b	0.035	0.042	.	0.044	0.035	0.031	0.041	0.042	0.0475	0.042	0.042	0.051	.	0.028	0.037
Netherland	a	-18.57	-19.65	-14.12	-12.03	-16.56	.	.	.	.	.	.	.	.	.	.
	b	0.185	0.203	0.154	0.128	0.172	.	.	.	.	.	.	.	.	.	.
Slovenia	a	-5.737	-5.957	.	-3.350	-4.182	-3.149	-5.735	-3.728	-4.8848	-4.565	-3.872	-3.350	.	-2.490	-3.772
	b	0.049	0.049	.	0.032	0.034	0.028	0.048	0.032	0.0488	0.040	0.031	0.029	.	0.023	0.041
Swizerland	a	-6.216	-6.207	6.308	-5.160	-6.584	-7.768	-5.519	-7.793	-9.5288	-8.438	-6.139	-5.373	.	-8.102	-5.933
	b	0.065	0.063	-0.064	0.051	0.067	0.078	0.056	0.079	0.1007	0.084	0.063	0.056	.	0.080	0.057
United Kingdom	a	0.099	.	0.158	.	-0.120	.	.	.	.	.	.	.	.	.	.
	b	0.677	.	1.045	.	0.580	.	.	.	.	.	.	.	.	.	.
United States of America	a	0.210	0.044	0.423	.	0.187	.	.	0.055	.	.	0.215	-0.057	.	-0.537	.
	b	0.669	0.672	0.524	.	0.612	.	.	1.114	.	.	0.499	1.160	.	0.859	.

Brown Swiss
Conversion equations from France to foreign countries 1/2 (Base 2018)
(Date of Release : 05/12/2018)

Country of Conversion	Factor	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	a	-2.847	-0.862	-1.432	2.041	-0.948	-1.247	-0.469	-0.110	-1.445	0.134	.	-1.912	-1.525	0.597
	b	7.160	7.626	5.643	6.765	6.822	6.455	5.236	6.180	6.210	7.644	.	6.967	7.583	6.054
Germany and Austria	a	101.95	98.371	100.38	101.49	98.323	98.474	101.54	100.15	100.28	104.53	100.75	103.36	101.92	101.65
	b	11.911	8.220	11.580	12.231	11.583	11.591	7.046	8.878	11.018	11.364	11.194	10.827	10.538	11.173
Italy	a	103.47	98.973	98.324	101.75	100.83	96.498	112.31	109.40	106.33	107.59	104.15	109.36	106.80	99.101
	b	15.533	20.383	18.531	23.306	18.363	21.911	15.541	16.902	20.792	18.186	10.684	12.075	12.383	18.851
Netherland	a	98.634	100.55	95.203	102.77	88.572	94.197	114.46	114.62	96.979	94.500	.	89.683	89.698	104.28
	b	4.864	3.377	3.901	4.434	3.339	4.538	4.114	3.988	3.995	4.421	.	4.047	3.913	4.782
Slovenia	a	121.12	93.668	105.46	98.494	109.99	95.234	111.98	111.74	114.98	119.99	120.46	124.60	120.92	91.055
	b	16.564	19.848	22.661	20.184	22.974	19.104	15.808	21.748	19.552	18.341	17.869	15.980	14.621	16.948
Swizerland	a	99.016	96.663	99.031	101.16	95.255	96.357	100.64	98.907	96.881	102.17	101.05	98.842	99.442	106.91
	b	13.166	9.205	9.998	11.206	9.421	11.208	7.358	8.725	11.253	12.457	8.831	9.959	11.753	14.400
United Kingdom	a	0.070	0.091	-0.323	0.373	-0.095	0.268	-0.217	.	-0.067	0.181	.	-0.196	.	-0.014
	b	0.768	1.144	1.242	1.832	1.168	0.935	0.781	.	1.857	2.423	.	1.152	.	1.298
United States of America	a	-0.532	-0.053	-0.135	0.547	-0.159	-0.094	0.030	0.019	-0.280	0.046	.	-0.210	-0.201	0.041
	b	1.710	0.819	0.766	1.144	0.703	0.669	0.535	0.530	1.179	1.069	.	1.073	0.960	1.336

Brown Swiss
Conversion equations from France to foreign countries 2/2 (Base 2018)
(Date of Release : 05/12/2018)

Country of Conversion	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	ld	hoq	ofr	oru	pwi	thp	tth
Canada	a	-2.049	-0.640	-3.836	101.90	-1.732	.	.	.	-0.5454	-2.160	-2.832	-0.360	.	1.938	.
	b	7.297	6.975	7.859	8.306	6.871	.	.	.	5.2433	5.888	6.962	6.035	.	6.097	.
Germany and Austria	a	100.32	104.28	.	98.417	99.072	100.10	104.47	99.911	99.9232	97.980	102.53	98.809	.	98.948	101.18
	b	11.178	12.200	.	11.413	11.412	11.672	11.634	11.662	8.4396	11.268	12.500	12.276	.	13.142	13.590
Italy	a	105.24	106.38	.	100.52	103.87	99.308	108.86	103.37	98.4645	105.91	99.819	104.77	.	102.90	106.86
	b	21.268	21.008	.	19.482	20.577	22.642	20.145	19.048	17.8219	18.519	19.704	16.455	.	25.174	24.598
Netherland	a	100.19	96.727	92.561	94.255	96.291	.	.	.	.	.	.	.	.	.	.
	b	4.966	4.615	2.750	6.921	4.721	.	.	.	.	.	.	.	.	.	.
Slovenia	a	117.26	119.35	.	107.09	121.78	111.02	119.36	115.16	98.6034	113.25	118.37	109.00	.	104.71	91.023
	b	18.132	17.076	.	24.509	20.870	21.110	17.201	22.825	17.094	18.770	22.466	19.842	.	33.715	20.265
Switzerland	a	94.808	98.513	96.616	102.09	96.761	99.561	98.171	99.732	94.2749	98.989	96.762	94.408	.	101.16	103.05
	b	14.275	15.127	-5.560	17.487	11.706	10.385	16.018	11.311	9.1793	9.809	12.061	15.270	.	9.624	15.405
United Kingdom	a	-0.171	.	-0.077	.	0.185	.	.	.	.	.	.	.	.	.	.
	b	1.219	.	0.560	.	1.374	.	.	.	.	.	.	.	.	.	.
United States of America	a	-0.257	-0.140	-0.598	.	-0.371	.	.	-0.137	.	.	-0.445	-0.069	.	0.689	.
	b	1.137	1.173	0.972	.	1.229	.	.	0.497	.	.	1.626	0.459	.	0.767	.

Prim Holstein
Conversion equations from foreign countries to France (Base 2018)
(Date of Release : 05/12/2018)

Country of proof	Factor	stat	chw	bd	rw	ang	ra	rls	fa	rlr	us	ud	fu	ruh	tp	rtp	tl	lo	ms
Australia	a	-22.96	-11.02	-10.73	-19.65	-10.70	-18.50	-15.74	-16.41	-13.86	-14.76	-26.33	-17.07	-19.52	-19.87	-18.70	-17.63	.	-29.47
	b	0.220	0.108	0.106	0.193	0.102	0.183	0.160	0.161	0.137	0.143	0.259	0.170	0.189	0.196	0.187	0.176	.	0.299
Canada	a	0.508	-0.000	0.311	0.198	0.656	-0.291	-0.070	0.133	0.173	0.372	0.687	0.702	0.773	0.190	0.315	-0.200	0.257	-13.67
	b	0.180	0.156	0.122	0.182	0.136	0.170	0.149	0.129	0.145	0.158	0.205	0.161	0.174	0.176	0.175	0.189	0.143	0.139
Czech Republic	a	-7.619	-6.153	-5.207	-7.017	-5.491	-7.034	-5.864	-5.223	-5.205	-5.303	-7.413	-6.714	-6.605	-6.766	-5.800	-6.525	-3.850	.
	b	0.078	0.058	0.048	0.068	0.054	0.066	0.057	0.054	0.053	0.055	0.081	0.072	0.069	0.071	0.061	0.063	0.042	.
Denmark, Finland and Sweden	a	-10.09	-8.781	-8.172	-9.435	-8.922	-9.226	-6.718	-5.560	-7.213	-8.894	-8.706	-8.144	-8.812	-9.673	-9.457	-9.164	-5.881	-6.900
	b	0.096	0.080	0.071	0.087	0.085	0.089	0.070	0.055	0.072	0.085	0.092	0.083	0.088	0.097	0.092	0.090	0.059	0.072
Estonia	a	-9.654	-6.366	-6.725	-8.249	-5.320	-6.871	-5.995	-5.487	-4.671	-6.559	-9.004	-6.634	-7.764	-8.035	-7.963	-6.841	-3.659	.
	b	0.090	0.059	0.062	0.077	0.049	0.067	0.061	0.054	0.047	0.062	0.085	0.064	0.074	0.077	0.077	0.067	0.036	.
Germany and Austria	a	-8.295	-8.395	-8.224	-9.889	-6.604	-8.875	-8.043	-7.215	-8.319	-6.997	-8.263	-7.655	-7.678	-7.526	-7.286	-7.383	-7.535	-8.850
	b	0.080	0.080	0.079	0.096	0.066	0.086	0.079	0.074	0.085	0.070	0.085	0.080	0.079	0.074	0.072	0.073	0.079	0.090
Germany and Austria (Red Hol)	a	-8.761	-8.427	-8.406	-9.927	-6.968	-8.754	-8.082	-7.252	-8.387	-7.346	-8.468	-7.751	-8.042	-7.824	-7.675	-7.536	-7.566	-8.984
	b	0.080	0.080	0.079	0.096	0.066	0.086	0.079	0.074	0.085	0.070	0.085	0.080	0.079	0.074	0.072	0.073	0.079	0.090
Hungary	a	-0.669	-0.422	-0.323	-0.447	-0.194	-0.346	-0.156	0.100	0.058	-0.013	-0.083	0.199	-0.260	-0.060	0.034	0.042	0.066	.
	b	1.101	0.950	0.898	1.053	0.789	1.014	0.943	0.900	0.871	0.998	1.027	0.887	1.035	1.043	0.976	0.881	0.706	.
Ireland	a	-1.354	-0.583	-0.766	-0.816	-1.054	-0.458	0.290	-0.273	-0.234	-0.946	-0.827	-0.455	-0.940	-0.683	-0.585	-0.053	-0.300	.
	b	1.332	0.603	0.795	0.528	1.203	0.605	0.571	0.484	0.374	0.791	0.833	0.703	0.861	0.760	0.775	0.593	0.478	.
Italy	a	-0.282	-0.300	-0.148	-0.260	0.001	-0.255	-0.134	0.037	0.038	0.106	-0.010	0.120	0.041	-0.085	0.097	-0.166	0.082	-14.68
	b	0.841	0.762	0.794	0.719	0.628	0.682	0.638	0.433	0.462	0.576	0.778	0.574	0.684	0.733	0.716	0.631	0.422	0.147
Japan	a	-0.269	-0.370	-0.134	-0.270	0.079	-0.255	0.026	0.054	0.044	0.072	-0.109	0.140	0.031	-0.077	0.125	-0.093	.	.
	b	0.828	0.692	0.726	0.781	0.556	0.702	0.535	0.425	0.458	0.581	0.842	0.617	0.695	0.733	0.684	0.695	.	.
Netherland (MRV)	a	-26.14	-20.08	-22.49	-22.77	-18.63	-18.50	-18.26	-15.76	-19.04	-24.07	-24.57	-21.09	-23.10	-24.10	-23.76	-19.03	-18.59	-18.44
	b	0.227	0.213	0.202	0.223	0.155	0.202	0.177	0.165	0.193	0.217	0.221	0.191	0.197	0.221	0.217	0.193	0.188	0.189

Prim Holstein
Conversion equations from foreign countries to France (Base 2018)
(Date of Release : 05/12/2018)

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	-23.87	-21.57	-21.07	-22.99	-16.46	-19.92	-18.08	-16.25	-19.04	-22.55	-22.80	-19.37	-20.54	-22.33	-22.45	-19.80	-18.40	-19.01
	b	0.227	0.213	0.202	0.223	0.155	0.202	0.177	0.165	0.193	0.217	0.221	0.191	0.197	0.221	0.217	0.193	0.188	0.189
Netherland and Flemish	a	-23.41	-21.57	-20.87	-22.77	-16.15	-20.12	-17.90	-16.25	-19.04	-22.11	-22.58	-19.18	-20.14	-22.33	-22.02	-19.42	-18.40	-18.82
	b	0.227	0.213	0.202	0.223	0.155	0.202	0.177	0.165	0.193	0.217	0.221	0.191	0.197	0.221	0.217	0.193	0.188	0.189
New-Zealand	a	-4.980	-0.931	-1.667	-2.613	.	-0.534	1.255	.	.	-1.994	.	-1.239	-2.214	-1.592	-1.883	.	.	0.420
	b	2.212	1.999	1.905	3.113	.	3.012	4.767	.	.	1.831	.	2.305	2.442	3.446	2.235	.	.	2.715
Poland	a	-15.33	-8.659	-7.453	-10.29	-13.10	-8.817	-7.371	-6.586	-6.966	-9.369	-12.70	-10.29	-14.16	-11.42	-9.954	-8.360	.	.
	b	0.141	0.083	0.070	0.097	0.121	0.085	0.075	0.064	0.069	0.088	0.119	0.098	0.132	0.107	0.097	0.084	.	.
Portugal	a	-0.989	-0.342	-0.164	-0.565	-0.621	-0.136	-0.124	-0.231	-0.003	-0.276	-0.478	-0.376	-0.843	-0.566	-0.401	-0.072	-0.053	.
	b	0.761	0.464	0.379	0.562	0.597	0.562	0.376	0.350	0.306	0.437	0.626	0.437	0.667	0.596	0.586	0.474	0.230	.
Rep. of South Africa	a	-0.548	-0.255	-0.233	-0.250	-0.157	-0.220	0.070	-0.053	0.061	0.017	-0.008	0.244	-0.118	0.066	0.086	-0.144	.	.
	b	1.325	1.197	0.924	1.024	0.952	1.153	1.067	1.000	0.944	0.967	1.110	1.039	1.018	1.225	1.632	1.106	.	.
Slovenia	a	-8.537	-4.771	-5.268	-5.214	-3.774	-5.868	-3.809	-3.125	-3.760	-4.568	-7.399	-5.311	-7.150	-6.932	-7.627	-5.155	-3.118	-4.330
	b	0.068	0.042	0.044	0.045	0.029	0.056	0.040	0.030	0.036	0.038	0.064	0.046	0.059	0.059	0.066	0.053	0.026	0.041
Spain	a	-0.411	-0.117	0.102	-0.185	-0.078	-0.240	-0.252	-0.010	0.112	-0.261	-0.181	-0.087	-0.182	-0.208	-0.132	-0.035	-0.059	.
	b	1.184	0.926	0.925	1.032	1.048	0.912	0.806	0.873	0.896	1.033	1.034	1.000	1.163	1.029	1.110	0.875	0.917	.
Swizerland	a	-10.34	-9.229	-9.353	-9.410	-8.009	-9.275	-8.354	-6.526	-7.861	-8.288	-9.031	-7.326	-9.323	-9.379	-9.122	-8.541	-6.495	-8.310
	b	0.099	0.092	0.091	0.092	0.078	0.090	0.084	0.065	0.079	0.080	0.094	0.079	0.093	0.092	0.088	0.081	0.065	0.085
United Kingdom	a	-0.087	-0.359	-0.102	-0.168	0.171	-0.307	-0.042	0.047	0.120	0.093	0.164	0.270	0.063	-0.039	0.081	-0.177	0.128	0.190
	b	0.902	0.697	0.823	0.887	0.853	0.833	0.724	0.712	0.444	0.797	1.022	0.837	0.892	0.836	0.834	0.757	0.710	6.811
United States of America	a	-0.079	-0.250	-0.080	-0.100	0.095	-0.392	0.057	0.063	0.123	0.116	0.319	0.362	0.212	0.128	0.116	-0.182	0.148	.
	b	0.813	0.840	0.843	0.736	0.634	0.718	0.584	0.526	0.500	0.652	0.782	0.577	0.609	0.674	0.629	0.704	0.573	.
Walloon part of Belgium	a	-0.234	-0.203	-0.098	-0.128	-0.056	-0.156	-0.064	0.097	0.175	-0.101	-0.057	0.120	-0.105	-0.199	-0.176	-0.117	0.201	.
	b	0.951	0.611	0.717	0.743	0.744	0.640	0.533	0.403	0.507	0.656	0.749	0.617	0.720	0.779	0.728	0.650	0.430	.