

Brown Swiss
Conversion equations from foreign countries to France (Base 2022)
(Date of release : 06/04/2022)

Country of proof	Factor	Milk	Fat	Protein	Cell
Australia	a	-252.0	-12.00	-10.50	.
	b	1.210	1.210	1.070	.
Canada	a	-144.0	-6.700	-7.400	-14.75
	b	0.860	0.830	0.710	0.146
Germany and Austria	a	61.000	4.700	1.500	-8.200
	b	1.170	1.340	1.150	0.082
Italy	a	-513.0	-17.60	-16.60	-6.250
	b	0.830	0.960	0.760	0.059
Netherland	a	968.00	32.400	24.600	-23.69
	b	0.810	0.870	0.750	0.238
New-Zealand	a	-24.00	14.300	-1.200	-0.850
	b	1.040	0.940	0.870	-2.266
Slovenia	a	-6989	-262.7	-214.5	-9.240
	b	60.370	2.240	1.820	0.088
Switzerland	a	-258.0	-12.40	-9.800	-9.100
	b	1.080	1.100	0.980	0.091
United Kingdom	a	-152.0	-6.900	-5.500	-0.060
	b	1.850	2.120	1.900	-0.084
United States of America	a	-127.0	-5.700	-7.900	12.440
	b	0.860	0.980	0.890	-4.200

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Country of Conversion	Factor	Milk	Fat	Protein	Cell
Australia	a	204.94	9.028	9.114	.
	b	0.477	0.444	0.416	.
Canada	a	138.32	6.367	8.713	101.23
	b	0.949	0.972	1.031	5.758
Germany and Austria	a	-82.31	-4.541	-2.453	100.06
	b	0.636	0.596	0.611	11.218
Italy	a	500.35	14.345	17.812	106.98
	b	0.825	0.779	0.895	13.631
Netherland	a	-1199	-37.89	-33.26	99.868
	b	0.849	0.815	0.823	3.561
New-Zealand	a	9.144	-16.24	-0.003	-0.380
	b	0.558	0.673	0.549	-0.279
Slovenia	a	113.94	113.96	115.30	105.84
	b	0.010	0.263	0.286	7.949
Swizerland	a	163.99	7.984	5.770	101.37
	b	0.752	0.753	0.769	9.614
United Kingdom	a	62.247	2.727	2.161	-0.985
	b	0.427	0.387	0.396	-10.99
United States of America	a	140.77	4.416	6.930	2.941
	b	0.922	0.840	0.868	-0.180

Holstein**Conversion equations from foreign countries to France (Base 2022)***(Date of release : 06/04/2022)*

Country of proof	Factor	Milk	Fat	Protein	Cell
Australia	a	-745.0	-18.10	-25.30	-1.060
	b	1.280	1.440	1.220	-3.649
Canada	a	-86.00	0.800	-8.900	-19.10
	b	0.730	0.760	0.710	0.191
Croatia	a	-4550	-173.3	-125.2	-8.650
	b	40.340	1.590	1.090	0.081
Czech Republic	a	-133.0	-3.300	-6.400	-7.160
	b	0.830	1.100	0.950	0.070
Denmark, Finland and Sweden	a	-5623	-219.8	-158.4	-9.250
	b	54.730	2.270	1.600	0.097
Estonia	a	-485.0	-9.400	-16.70	-5.670
	b	1.040	1.090	0.960	0.055
Germany and Austria	a	17.000	4.700	-0.500	-8.290
	b	0.910	0.950	0.880	0.084
Germany and Austria (Red Hol)	a	-355.2	-4.135	-8.772	.
	b	0.910	0.950	0.880	.
Hungary	a	-48.00	-4.100	-8.300	-0.110
	b	0.730	0.760	0.650	-0.750
Ireland	a	-1643	-43.70	-47.70	-0.920
	b	3.500	3.230	2.900	-8.008
Israel	a	-200.0	6.400	-5.700	-0.150
	b	1.390	1.380	1.460	-4.104
Italy	a	-78.00	-3.600	-7.700	-18.47
	b	0.870	0.910	0.790	0.183
Japan	a	50.000	-5.500	-8.400	4.470
	b	0.960	1.010	0.960	-2.469
Latvia	a	-463.0	-11.40	-15.60	-0.540
	b	1.220	1.240	1.220	-0.002
Lituania	a	-1986	-50.80	-64.10	-0.510
	b	1.510	1.220	1.700	-2.774
Netherland (MRY)	a	-1838	-49.92	-40.39	-21.38
	b	0.840	0.860	0.810	0.215
Netherland (Red Hol)	a	-734.3	-3.480	-10.42	-21.60
	b	0.840	0.860	0.810	0.215
Netherland and Flemish	a	-253.0	3.400	-0.700	-21.60
	b	0.840	0.860	0.810	0.215
New-Zealand	a	-2338	-37.20	-54.70	-0.790
	b	1.450	1.240	1.170	-2.371

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Country of proof	Factor	Milk	Fat	Protein	Cell
Poland	a	-360.0	-9.400	-13.50	-10.10
	b	1.400	1.360	1.400	0.098
Portugal	a	-263.0	-14.70	-15.60	-0.270
	b	0.940	1.200	1.000	-2.278
Rep. of South Africa	a	-351.0	-9.800	-15.40	-0.190
	b	0.990	1.030	0.930	-0.041
Slovak Republic	a	-466.0	-11.90	-17.60	7.100
	b	1.340	1.340	1.290	-2.586
Slovenia	a	-6226	-233.7	-193.8	-10.72
	b	54.340	2.070	1.640	0.100
Spain	a	-285.0	-18.80	-18.30	-10.30
	b	1.090	1.170	1.070	0.098
Switzerland	a	-894.0	-18.50	-26.10	-9.500
	b	1.000	0.950	0.940	0.093
United Kingdom	a	-399.0	-5.000	-14.10	-0.150
	b	1.920	2.210	2.090	-0.081
United States of America	a	37.000	3.200	-4.800	14.940
	b	0.810	0.920	0.890	-5.022
Walloon part of Belgium	a	-646.0	-22.00	-20.40	6.220
	b	1.320	1.350	1.340	-2.182

Holstein**Conversion equations from France to foreign countries (Base 2022)***(Date of Release : 06/04/2022)*

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Australia	a	357.63	4.251	10.091	-0.280
	b	0.511	0.414	0.399	-0.194
Canada	a	131.67	-1.248	12.335	99.756
	b	1.141	1.124	1.142	4.617
Croatia	a	110.35	108.89	111.14	105.48
	b	0.013	0.324	0.437	8.347
Czech Republic	a	133.24	2.447	5.288	101.78
	b	0.887	0.665	0.678	10.931
Denmark, Finland and Sweden	a	100.47	94.503	96.149	95.447
	b	0.015	0.364	0.518	9.818
Estonia	a	362.06	5.430	12.114	102.65
	b	0.745	0.763	0.800	15.638
Germany and Austria	a	-45.97	-6.323	-1.133	98.235
	b	0.921	0.881	0.923	11.018
Germany and Austria (Red Hol)	a	330.67	1.868	7.539	.
	b	0.921	0.881	0.923	.
Hungary	a	12.025	2.345	7.756	-0.008
	b	0.966	1.022	1.175	-1.116
Ireland	a	376.44	7.506	9.929	-0.146
	b	0.257	0.226	0.263	-0.099
Israel	a	-191.3	-14.24	-5.667	-0.021
	b	0.502	0.479	0.478	-0.185
Italy	a	19.067	1.993	5.598	100.41
	b	0.851	0.915	0.976	4.775
Japan	a	-83.90	3.661	6.797	1.853
	b	0.865	0.815	0.845	-0.308
Latvia	a	251.22	8.551	11.324	-147.1
	b	0.608	0.625	0.640	-382.8
Lituania	a	875.39	23.759	26.846	-0.113
	b	0.444	0.459	0.448	-0.266
Netherland (MRY)	a	2008.3	49.446	46.098	96.263
	b	0.945	0.899	0.975	3.995
Netherland (Red Hol)	a	766.31	0.895	10.019	100.26
	b	0.945	0.899	0.975	3.995
Netherland and Flemish	a	224.71	-6.298	-1.682	100.26
	b	0.945	0.899	0.975	3.995
New-Zealand	a	1179.3	7.756	23.409	-0.331
	b	0.476	0.442	0.432	-0.287

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Country of Conversion	Factor	Milk	Fat	Protein	Cell
Poland	a	218.02	4.413	6.946	101.67
	b	0.579	0.609	0.578	9.004
Portugal	a	242.80	11.485	14.151	-0.092
	b	0.723	0.739	0.753	-0.329
Rep. of South Africa	a	272.05	10.323	13.529	-3.921
	b	0.682	0.590	0.641	-20.56
Slovak Republic	a	286.43	9.820	11.420	2.784
	b	0.505	0.463	0.511	-0.320
Slovenia	a	112.11	110.45	114.59	106.40
	b	0.013	0.303	0.433	7.888
Spain	a	287.40	17.125	17.921	104.88
	b	0.767	0.743	0.765	9.502
Swizerland	a	769.17	14.447	21.946	100.65
	b	0.843	0.845	0.891	9.553
United Kingdom	a	137.27	1.198	5.015	-1.069
	b	0.389	0.361	0.400	-11.06
United States of America	a	-106.4	-4.821	3.561	3.000
	b	1.008	0.955	0.924	-0.155
Walloon part of Belgium	a	562.53	16.899	18.322	2.899
	b	0.658	0.626	0.639	-0.426

Simmental***Conversion equations from foreign countries to France (Base 2022)******(Date of release : 06/04/2022)***

Country of proof	Factor	Milk	Fat	Protein	Cell
Croatia	a	-6530	-251.3	-215.4	-8.880
	b	59.170	2.280	1.910	0.080
Germany and Austria	a	509.00	17.800	12.300	-8.050
	b	1.090	1.250	1.080	0.077
Hungary	a	-675.0	-28.90	-27.10	5.110
	b	1.330	1.460	1.350	-0.057
Ireland	a	95.000	3.800	-1.700	.
	b	3.270	2.980	2.730	.
Italy	a	185.00	3.300	3.400	-7.130
	b	1.130	1.120	1.070	0.069
Netherland and Flemish	a	1245.0	49.500	36.200	-22.31
	b	0.780	0.860	0.770	0.217
Slovenia	a	-8154	-317.3	-267.9	-10.44
	b	72.960	2.800	2.340	0.096
Switzerland	a	-1194	-45.10	-38.30	-8.860
	b	1.180	1.230	1.250	0.087
United Kingdom	a	577.00	18.600	14.100	-0.660
	b	2.520	2.960	2.590	-0.082
United States of America	a	1365.0	23.400	19.500	13.280
	b	1.020	1.170	1.170	-4.484

Simmental***Conversion equations from France to foreign countries (Base 2022)******(Date of Release : 06/04/2022)***

Country of Conversion	Factor	Milk	Fat	Protein	Cell
Croatia	a	112.45	112.45	114.40	108.45
	b	0.011	0.227	0.336	7.259
Germany and Austria	a	-544.3	-16.88	-14.40	104.09
	b	0.750	0.669	0.713	11.404
Hungary	a	395.60	15.464	15.495	90.705
	b	0.515	0.494	0.511	-14.88
Ireland	a	53.795	2.643	2.883	.
	b	0.227	0.225	0.237	.
Italy	a	-237.8	-7.025	-5.739	102.23
	b	0.577	0.593	0.540	11.239
Netherland and Flemish	a	-1614	-57.94	-48.30	102.78
	b	1.002	0.889	0.935	4.065
Slovenia	a	110.79	111.81	113.60	108.07
	b	0.010	0.221	0.296	7.848
Switzerland	a	1117.1	39.682	33.321	102.71
	b	0.783	0.732	0.734	9.704
United Kingdom	a	-230.8	-6.130	-5.658	-7.621
	b	0.307	0.264	0.294	-11.21
United States of America	a	-1302	-19.65	-15.38	2.982
	b	0.774	0.685	0.626	-0.178

Brown Swiss
Conversion equations from foreign countries to France 1/2 (Base 2022)
(Date of Release : 06/04/2022)

Country of proof	Factor	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	a	0.205	-0.065	0.074	-0.296	-0.111	0.231	-0.083	-0.087	0.088	0.026	.	0.136	0.070	-0.121
	b	0.140	0.100	0.097	0.132	0.137	0.119	0.096	0.116	0.140	0.088	.	0.103	0.089	0.140
Germany and Austria	a	-8.247	-6.994	-7.911	-7.896	-7.329	-7.615	-7.096	-9.042	-7.806	-7.452	-6.072	-7.293	-5.941	-8.396
	b	0.079	0.068	0.077	0.077	0.070	0.077	0.068	0.087	0.076	0.072	0.059	0.070	0.057	0.084
Italy	a	-6.671	-3.820	-4.809	-3.994	-4.889	-3.813	-5.270	-5.058	-4.976	-4.351	-5.501	-6.496	-5.633	-4.891
	b	0.062	0.037	0.047	0.038	0.046	0.039	0.047	0.046	0.046	0.041	0.053	0.060	0.052	0.049
Netherland	a	-20.86	-17.87	-17.42	-20.43	-20.48	-16.51	-21.12	-22.33	-22.21	-18.42	.	-16.62	-14.20	-18.43
	b	0.213	0.178	0.184	0.199	0.229	0.176	0.184	0.194	0.232	0.196	.	0.186	0.159	0.178
Slovenia	a	-6.940	-3.775	-3.402	-3.906	-4.315	-3.829	-4.449	-3.888	-5.001	-2.882	-4.358	-4.690	-4.966	-4.162
	b	0.055	0.037	0.030	0.039	0.036	0.041	0.037	0.033	0.041	0.023	0.035	0.037	0.040	0.047
Switzerland	a	-6.999	-8.280	-7.956	-8.385	-7.077	-6.907	-5.623	-7.427	-7.509	-6.927	-5.997	-6.978	-6.444	-6.487
	b	0.071	0.085	0.081	0.082	0.073	0.072	0.055	0.075	0.077	0.069	0.059	0.070	0.066	0.061
United Kingdom	a	0.058	-0.027	0.130	-0.259	0.008	-0.089	-0.105	.	-0.103	0.009	.	0.132	.	-0.078
	b	1.051	0.521	0.461	0.471	0.668	0.650	0.796	.	0.465	0.270	.	0.451	.	0.610
United States of America	a	0.297	0.076	0.240	-0.515	-0.101	0.212	0.035	-0.059	0.182	0.128	.	0.287	0.220	-0.027
	b	0.538	0.996	1.076	0.677	0.923	1.118	1.060	1.151	0.749	0.767	.	0.751	0.759	0.505

Brown Swiss
Conversion equations from foreign countries to France 2/2 (Base 2022)
(Date of Release : 06/04/2022)

Country of proof	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	tpl	hoq	ofr	oru	pwi	thp	tth
Canada	a	0.225	0.022	0.360	-8.560	0.110	.	.	.	-0.015	0.262	0.136	-0.035	-0.111	-0.198	.
	b	0.119	0.135	0.091	0.083	0.116	.	.	.	0.184	0.131	0.097	0.141	0.137	0.120	.
Germany and Austria	a	-8.280	-7.951	.	-6.000	-7.616	-6.035	-8.069	-7.918	-10.01	-7.644	-7.641	-7.953	-7.329	-6.873	-6.166
	b	0.081	0.076	.	0.061	0.075	0.060	0.078	0.077	0.098	0.076	0.073	0.077	0.070	0.069	0.061
Italy	a	-3.959	-4.561	.	-4.320	-3.931	-2.977	-4.195	-4.972	-4.987	-4.783	-5.124	-6.070	-4.889	-2.903	-3.728
	b	0.037	0.043	.	0.041	0.036	0.030	0.040	0.046	0.049	0.046	0.049	0.057	0.046	0.029	0.036
Netherland	a	-17.29	-18.64	-14.60	-12.88	-16.77	.	.	.	.	.	.	.	-20.48	.	.
	b	0.174	0.194	0.160	0.134	0.174	.	.	.	.	.	.	.	0.229	.	.
Slovenia	a	-5.999	-5.997	.	-2.580	-4.598	-3.062	-5.628	-4.061	-5.015	-5.313	-4.331	-3.576	-4.315	-2.524	-3.587
	b	0.050	0.050	.	0.024	0.036	0.027	0.048	0.033	0.048	0.045	0.034	0.029	0.036	0.023	0.040
Swizerland	a	-6.319	-6.133	6.464	-5.080	-6.287	-7.175	-5.335	-7.590	-9.052	-8.932	-6.091	-5.112	-7.077	-7.714	-5.783
	b	0.065	0.063	-0.066	0.049	0.064	0.072	0.054	0.077	0.097	0.088	0.063	0.054	0.073	0.076	0.057
United Kingdom	a	0.169	.	0.137	.	-0.260	.	.	.	.	.	.	.	0.008	.	.
	b	0.593	.	0.878	.	0.583	.	.	.	.	.	.	.	0.668	.	.
United States of America	a	0.224	0.125	0.416	.	0.164	.	.	-0.013	.	.	0.233	-0.187	-0.101	-0.508	.
	b	0.598	0.615	0.620	.	0.618	.	.	0.827	.	.	0.504	1.009	0.923	0.621	.

Brown Swiss
Conversion equations from France to foreign countries 1/2 (Base 2022)
(Date of Release : 06/04/2022)

Country of Conversion	Factor	ang	stat	chw	bd	ra	rw	rls	fa	hd	ud	us	fu	ruh	ruw	tl
Canada	a	-3.956	-1.625	0.471	-1.777	2.206	0.646	-1.624	-0.091	0.199	-0.918	-0.649	.	-2.246	-1.676	0.843
	b	7.968	6.826	7.467	5.351	6.952	6.657	7.051	6.330	5.841	6.433	7.874	.	6.701	7.767	6.464
Germany and Austria	a	.	103.91	101.06	101.68	102.11	102.78	99.321	100.45	101.66	101.80	102.86	101.47	103.13	102.05	100.29
	b	.	11.977	9.808	11.283	11.769	12.112	11.246	6.140	8.382	11.397	11.110	11.285	10.801	10.714	11.338
Italy	a	.	106.76	101.07	100.04	103.51	106.77	97.939	110.78	108.14	108.32	106.26	103.63	108.30	106.36	100.49
	b	.	14.968	20.639	18.013	22.444	18.273	21.540	14.851	15.847	20.296	18.377	11.376	12.122	12.959	18.851
Netherland	a	91.534	98.020	100.53	94.388	102.53	89.380	94.160	114.13	114.41	95.712	94.173	.	89.046	89.445	103.45
	b	3.064	4.418	4.166	3.998	4.568	3.787	4.369	3.755	3.469	3.780	4.114	.	3.916	4.052	4.684
Slovenia	a	.	124.24	98.885	107.62	100.47	120.50	94.566	114.56	114.68	118.89	119.25	121.89	125.11	121.73	88.303
	b	.	16.136	20.912	22.598	20.364	25.270	19.051	14.225	21.483	19.806	16.824	17.185	16.138	16.487	16.777
Swizerland	a	96.220	98.982	97.766	98.217	101.16	97.494	95.619	100.03	98.047	97.167	99.482	101.87	96.682	98.114	106.32
	b	-5.891	13.503	9.845	10.045	11.086	8.777	11.764	8.154	8.130	11.584	12.463	9.981	10.213	12.244	14.709
United Kingdom	a	-0.143	-0.069	-0.006	-0.452	0.511	-0.077	0.170	0.019	.	0.172	0.017	.	-0.402	.	0.144
	b	0.668	0.894	1.247	1.458	2.002	1.286	1.267	1.009	.	1.957	2.749	.	1.636	.	1.425
United States of America	a	-0.689	-0.610	-0.063	-0.176	0.703	-0.054	-0.125	-0.045	-0.027	-0.266	0.012	.	-0.464	-0.384	0.027
	b	0.932	1.751	0.903	0.799	1.397	0.848	0.739	0.648	0.651	1.219	0.969	.	0.988	0.976	1.749

Brown Swiss
Conversion equations from France to foreign countries 2/2 (Base 2022)
(Date of Release : 06/04/2022)

Country of Conversion	Factor	tp	rtp	ang	ms	fua	udb	tdi	rle	tpl	hoq	ofr	oru	pwi	thp	tth
Canada	a	-2.036	-0.339	-3.956	102.76	-1.191	.	.	.	0.102	-2.139	-2.452	-0.004	0.646	1.648	.
	b	7.947	6.812	7.968	10.258	7.004	.	.	.	4.977	6.578	6.039	5.565	6.657	6.121	.
Germany and Austria	a	101.34	103.79	.	98.163	100.73	100.69	103.62	102.48	101.39	99.819	104.02	101.37	102.78	99.200	100.64
	b	11.183	12.259	.	11.597	11.573	11.803	11.789	11.312	8.380	10.943	11.983	10.467	12.112	11.252	14.367
Italy	a	106.95	106.14	.	104.65	107.48	98.546	107.08	106.55	102.14	106.35	103.97	106.66	106.77	100.85	103.82
	b	21.353	20.181	.	18.361	20.144	23.081	19.573	17.756	17.158	18.124	17.859	14.124	18.273	23.626	25.357
Netherland	a	99.611	96.236	91.534	96.130	96.259	.	.	.	.	.	.	.	89.380	.	.
	b	5.309	4.828	3.064	6.625	4.821	.	.	.	.	.	.	.	3.787	.	.
Slovenia	a	120.42	120.15	.	106.57	125.36	110.16	118.85	120.60	103.81	116.24	121.54	115.06	120.50	106.69	87.548
	b	17.602	16.548	.	23.759	19.890	20.919	17.027	21.964	16.246	19.687	20.882	17.851	25.270	29.018	20.488
Swizerland	a	95.770	97.255	96.220	102.94	96.970	98.647	97.254	100.43	92.714	98.600	95.521	95.100	97.494	100.65	100.48
	b	14.249	15.163	-5.891	17.975	12.496	11.354	15.950	10.893	9.126	9.902	12.337	14.054	8.777	8.990	16.006
United Kingdom	a	-0.327	.	-0.143	.	0.422	.	.	.	.	.	.	.	-0.077	.	.
	b	1.367	.	0.668	.	1.351	.	.	.	.	.	.	.	1.286	.	.
United States of America	a	-0.332	-0.225	-0.689	.	-0.376	.	.	-0.262	.	.	-0.544	-0.176	-0.054	0.737	.
	b	1.299	1.280	0.932	.	1.292	.	.	0.742	.	.	1.635	0.678	0.848	0.938	.

Prim Holstein
Conversion equations from foreign countries to France (Base 2022)
(Date of Release : 06/04/2022)

Country of proof	Factor	stat	chw	bd	rw	ang	ra	rls	fa	rlr	us	ud	fu	ruh	tp	rtp	tl	lo	ms
Australia	a	-1.012	-0.048	0.058	-0.399	-0.268	-0.109	0.148	-0.316	-0.296	-0.297	-1.213	-0.436	-0.828	-0.205	-0.171	-0.022	.	0.240
	b	1.516	1.356	1.078	1.903	1.320	1.602	2.733	2.723	2.948	2.226	1.759	2.322	2.181	1.626	2.186	1.343	.	-3.650
Canada	a	0.327	-0.129	0.012	0.040	0.477	-0.227	-0.049	-0.006	0.075	0.358	0.621	0.557	0.696	0.307	0.385	-0.458	0.115	-13.92
	b	0.193	0.152	0.129	0.191	0.123	0.173	0.155	0.121	0.142	0.142	0.221	0.175	0.171	0.175	0.170	0.201	0.132	0.141
Czech Republic	a	-8.193	-7.065	-5.332	-7.506	-5.942	-7.050	-5.934	-5.938	-5.437	-5.947	-8.330	-7.122	-6.765	-7.682	-6.911	-7.097	-3.414	-5.270
	b	0.079	0.067	0.049	0.071	0.057	0.068	0.059	0.059	0.054	0.059	0.083	0.071	0.066	0.079	0.070	0.068	0.036	0.053
Denmark, Finland and Sweden	a	-10.12	-8.711	-8.369	-9.357	-8.830	-9.197	-6.656	-6.016	-7.049	-9.147	-8.670	-8.234	-8.834	-9.130	-9.327	-9.133	-5.945	-6.880
	b	0.094	0.076	0.070	0.086	0.083	0.089	0.071	0.059	0.069	0.085	0.091	0.083	0.087	0.093	0.090	0.091	0.058	0.072
Estonia	a	-7.981	-3.918	-4.897	-6.527	-2.857	-5.342	-4.113	-3.805	-3.525	-5.125	-8.484	-5.661	-6.384	-5.814	-6.517	-5.894	-1.672	.
	b	0.069	0.035	0.044	0.059	0.027	0.052	0.043	0.036	0.035	0.048	0.074	0.050	0.056	0.055	0.062	0.058	0.018	.
Germany and Austria	a	-7.984	-8.209	-8.218	-9.814	-5.994	-8.513	-7.845	-7.346	-8.243	-7.248	-7.953	-7.443	-7.326	-6.996	-7.065	-7.286	-7.588	-7.740
	b	0.077	0.078	0.078	0.095	0.060	0.084	0.078	0.074	0.084	0.071	0.082	0.077	0.076	0.071	0.070	0.073	0.079	0.079
Germany and Austria (Red Hol)	a	-8.269	-8.263	-8.373	-9.843	-6.190	-8.345	-7.868	-7.375	-8.302	-7.534	-8.059	-7.497	-7.651	-7.229	-7.281	-7.387	-7.620	-7.914
	b	0.077	0.078	0.078	0.095	0.060	0.084	0.078	0.074	0.084	0.071	0.082	0.077	0.076	0.071	0.070	0.073	0.079	0.079
Hungary	a	-0.415	-0.325	-0.231	-0.292	-0.078	-0.238	-0.040	0.046	0.064	0.029	-0.238	-0.045	-0.153	0.003	0.100	0.047	0.005	.
	b	1.115	0.925	0.839	1.048	0.746	0.977	0.893	0.743	0.855	0.982	1.130	0.909	0.972	1.031	0.973	0.866	0.645	.
Ireland	a	-1.807	-0.754	-0.952	-0.980	-1.285	-0.410	0.466	-0.493	-0.435	-1.134	-1.575	-1.025	-1.487	-0.871	-0.731	0.031	-0.642	.
	b	1.347	0.579	0.743	0.544	1.162	0.583	0.544	0.496	0.369	0.769	0.838	0.695	0.843	0.749	0.791	0.585	0.480	.
Italy	a	-0.339	-0.341	-0.213	-0.298	-0.023	-0.170	-0.009	-0.079	-0.073	0.065	-0.231	-0.075	-0.093	-0.038	0.105	-0.213	-0.034	-15.88
	b	0.874	0.774	0.791	0.717	0.587	0.709	0.637	0.470	0.509	0.620	0.834	0.615	0.700	0.775	0.704	0.689	0.429	0.159
Japan	a	-0.166	-0.268	-0.106	-0.108	0.122	-0.177	0.113	-0.065	-0.028	0.025	-0.223	-0.063	0.016	0.005	0.112	-0.224	.	-49.28
	b	0.845	0.670	0.745	0.798	0.582	0.701	0.539	0.407	0.458	0.564	0.872	0.645	0.681	0.716	0.655	0.711	.	0.494
Latvia	a	-6.641	-1.754	-1.548	-3.031	-1.750	-1.357	-0.401	-0.896	-1.007	-1.979	-3.254	-2.027	-3.433	-1.212	-2.377	-1.077	.	.
	b	2.536	2.382	2.098	2.418	1.933	2.116	2.542	2.811	3.041	2.903	2.939	2.744	2.162	2.125	2.301	2.069	.	.

Prim Holstein
Conversion equations from foreign countries to France (Base 2022)
(Date of Release : 06/04/2022)

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	-27.94	-17.67	-22.01	-22.19	-18.71	-17.94	-17.37	-16.52	-21.74	-25.09	-26.30	-22.17	-25.22	-22.14	-22.30	-19.11	-19.15	-19.95
	b	0.243	0.187	0.195	0.216	0.157	0.198	0.171	0.168	0.220	0.222	0.233	0.199	0.213	0.201	0.203	0.192	0.191	0.203
Netherland (Red Hol)	a	-25.50	-19.17	-20.45	-22.40	-16.82	-19.33	-17.20	-16.69	-21.52	-23.09	-24.21	-20.18	-22.23	-20.33	-20.68	-19.50	-18.57	-20.36
	b	0.243	0.187	0.195	0.216	0.157	0.198	0.171	0.168	0.220	0.222	0.233	0.199	0.213	0.201	0.203	0.192	0.191	0.203
Netherland and Flemish	a	-25.02	-18.98	-20.06	-22.19	-16.35	-19.52	-17.20	-16.69	-21.52	-22.65	-23.97	-20.18	-21.80	-20.13	-20.48	-19.31	-18.57	-20.36
	b	0.243	0.187	0.195	0.216	0.157	0.198	0.171	0.168	0.220	0.222	0.233	0.199	0.213	0.201	0.203	0.192	0.191	0.203
New-Zealand	a	-5.270	-1.128	-1.774	-2.780	.	-0.476	1.410	.	.	-2.229	.	-1.836	-2.691	-1.739	-1.987	0.459	.	0.300
	b	2.130	1.951	1.874	3.096	.	2.945	4.784	.	.	1.636	.	2.241	2.353	3.282	2.166	1.815	.	2.819
Poland	a	-10.98	-8.424	-7.344	-9.747	-7.907	-9.213	-7.831	-5.842	-6.544	-7.475	-10.61	-8.942	-9.782	-8.551	-8.921	-8.654	-5.096	-4.650
	b	0.103	0.081	0.069	0.093	0.075	0.090	0.080	0.057	0.065	0.072	0.099	0.085	0.092	0.084	0.088	0.085	0.050	0.046
Portugal	a	-1.339	-0.302	-0.058	-0.751	-0.883	-0.017	-0.220	-0.432	-0.188	-0.505	-1.052	-0.778	-1.276	-0.650	-0.507	-0.060	-0.257	.
	b	0.822	0.463	0.353	0.614	0.657	0.558	0.350	0.370	0.358	0.486	0.631	0.494	0.748	0.634	0.631	0.518	0.265	.
Rep. of South Africa	a	-0.563	-0.391	-0.378	-0.338	-0.138	-0.187	0.192	-0.180	-0.036	-0.011	-0.194	0.015	-0.279	0.111	0.125	-0.226	.	.
	b	1.330	1.207	0.924	1.035	0.950	1.150	1.069	0.991	0.922	0.959	1.098	1.042	1.012	1.223	1.618	1.101	.	.
Slovenia	a	-8.564	-4.814	-5.482	-5.598	-4.559	-5.655	-3.870	-3.493	-3.953	-4.536	-8.480	-5.202	-7.771	-7.424	-7.854	-5.418	-3.300	-4.160
	b	0.067	0.042	0.045	0.048	0.035	0.055	0.041	0.032	0.037	0.037	0.069	0.041	0.062	0.063	0.068	0.055	0.027	0.040
Spain	a	-0.605	-0.235	0.057	-0.338	-0.112	-0.184	-0.151	-0.141	0.003	-0.367	-0.636	-0.397	-0.441	-0.229	-0.194	-0.069	-0.200	-7.430
	b	1.177	0.910	0.904	1.064	1.008	0.896	0.790	0.877	0.892	1.046	1.042	1.018	1.197	1.054	1.138	0.871	0.898	0.075
Swizerland	a	-9.804	-9.008	-8.809	-9.429	-6.958	-9.161	-7.963	-6.228	-7.786	-7.913	-9.301	-7.529	-9.099	-9.103	-8.891	-8.454	-6.560	-8.290
	b	0.094	0.088	0.085	0.092	0.069	0.091	0.081	0.062	0.076	0.077	0.094	0.078	0.091	0.090	0.087	0.081	0.065	0.084
United Kingdom	a	-0.053	-0.474	-0.277	-0.136	0.103	-0.233	0.016	-0.084	0.035	0.185	0.239	0.277	0.192	0.169	0.232	-0.272	0.176	0.280
	b	0.928	0.531	0.707	0.781	0.647	0.753	0.662	0.670	0.375	0.655	0.960	0.741	0.749	0.730	0.711	0.763	0.578	4.008
United States of America	a	-0.220	-0.305	-0.272	-0.182	0.045	-0.349	0.073	-0.050	0.117	0.135	0.204	0.255	0.242	0.237	0.255	-0.387	0.155	.
	b	0.823	0.839	0.856	0.777	0.585	0.717	0.580	0.566	0.528	0.666	0.785	0.595	0.611	0.680	0.648	0.721	0.584	.

Prim Holstein
Conversion equations from foreign countries to France (Base 2022)
(Date of Release : 06/04/2022)

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	-0.208	-0.259	-0.132	-0.156	-0.036	-0.034	-0.005	-0.012	0.060	-0.089	-0.209	-0.066	-0.172	-0.182	-0.111	-0.126	0.056	.
	b	0.941	0.611	0.695	0.731	0.678	0.712	0.536	0.395	0.548	0.613	0.786	0.652	0.761	0.746	0.713	0.680	0.467	.