

seq	byear	bwt	wwt	ywt	milk	scro	cce	ce	mce	mwwt	doc	gest	stay	pwng	penv	cw	rea	fat	marb	ly	dtf	yg	index1	index2
COM		2.422	70.247	105.89	23.644			9.727	5.466	58.719	11.242		15.16	0.223		24.911	0.757	-0.088	0.099			-0.398	120.51	71.363
DAM	2022	4.565	70.884	104.75	29.268			6.51	4	64.661	9.925		14.902	0.212		23.334	0.812	-0.108	-0.025			-0.472	105.49	66.281
DAM	2021	4.233	68.328	100.91	28.548			7.017	4.344	62.663	9.602		14.442	0.204		21.574	0.769	-0.105	-0.009			-0.459	105.4	65.461
DAM	2020	4.281	67.705	99.898	28.729			6.966	4.394	62.533	9.464		14.141	0.201		21.118	0.763	-0.106	-0.009			-0.46	104.05	64.834
DAM	2019	4.445	66.64	97.894	29.301			6.696	4.259	62.573	9.116		13.994	0.195		20.4	0.764	-0.108	-0.009			-0.467	102.86	64.099
DAM	2018	4.518	65.516	95.905	29.34			6.641	4.288	62.049	8.853		13.581	0.19		19.332	0.742	-0.107	-0.003			-0.462	101.49	63.379
DAM	2017	4.415	64.291	93.88	29.084			6.716	4.299	61.182	8.718		13.333	0.185		18.51	0.72	-0.105	0.007			-0.454	101.32	63
DAM	2016	4.438	62.534	90.888	29.133			6.646	4.283	60.352	8.424		12.784	0.177		17.569	0.697	-0.104	0.009			-0.449	99.431	61.935
DAM	2015	4.717	61.853	89.737	29.505			6.296	4.066	60.384	8.236		12.681	0.174		17.39	0.7	-0.105	0.013			-0.453	98.161	61.207
DAM	2014	4.651	61.405	89.104	29.241			6.383	4.076	59.896	8.225		12.648	0.173		17.134	0.686	-0.104	0.028			-0.446	98.776	61.243
DAM	2013	4.489	60.225	87.188	28.803			6.512	4.179	58.867	8.135		12.274	0.168		16.788	0.666	-0.101	0.041			-0.433	98.167	60.699
DAM	2012	4.632	58.79	84.662	28.904			6.281	4.079	58.251	7.852		11.817	0.162		15.774	0.664	-0.103	0.03			-0.443	95.747	59.504
DAM	2011	4.624	58.035	83.465	28.674			6.28	4.125	57.644	7.747		11.456	0.159		15.676	0.65	-0.101	0.036			-0.434	94.709	58.99
DAM	2010	4.66	57.127	81.897	28.498			6.237	4.156	57.013	7.494		10.972	0.155		15.282	0.639	-0.1	0.035			-0.429	93.104	58.306
DAM	2009	4.749	56.735	80.989	28.602			6.128	4.164	56.921	7.328		10.786	0.152		14.813	0.635	-0.1	0.03			-0.43	91.874	57.791
DAM	2008	4.804	55.843	79.492	28.477			6.054	4.172	56.352	7.124		10.277	0.148		14.639	0.614	-0.096	0.039			-0.414	89.646	56.819
DAM	2007	4.881	55.472	78.931	28.442			5.979	4.165	56.13	7		10.09	0.147		14.267	0.615	-0.097	0.033			-0.418	88.951	56.576
NP	2022	3.664	74.399	110.3	28.318			8.287	4.933	65.469	11.2		15.035	0.224		26.638	0.841	-0.102	0.013			-0.453	113.13	70.595
NP	2021	4.208	71.914	106.43	28.928			7.099	4.309	64.836	10.052		14.633	0.216		24.122	0.807	-0.108	-0.018			-0.467	107.16	67.577
NP	2020	3.988	71.051	105.41	28.378			7.454	4.482	63.855	10.063		14.76	0.215		23.504	0.791	-0.105	-0.004			-0.457	108.69	67.645
NP	2019	4.141	70.258	103.96	28.503			6.957	4.149	63.586	9.766		14.581	0.21		22.982	0.802	-0.108	-0.017			-0.47	106.4	66.63
NP	2018	4.124	69.046	102.15	28.375			7.018	4.255	62.844	9.534		14.254	0.207		22.419	0.774	-0.105	-0.009			-0.456	105.6	66.063
NP	2017	4.169	67.511	99.528	28.82			7.107	4.401	62.529	9.324		13.741	0.2		21.23	0.765	-0.106	-0.005			-0.46	104.15	65.164
NP	2016	4.284	66.585	97.815	29.236			6.96	4.394	62.481	9.304		13.319	0.195		20.578	0.752	-0.106	0.009			-0.458	103.32	64.834
NP	2015	4.463	65.584	96.06	29.154			6.576	4.146	61.902	8.763		13.17	0.19		19.887	0.748	-0.106	0.002			-0.46	101.28	63.711
NP	2014	4.392	65.227	95.805	29.061			6.661	4.229	61.636	8.915		13.176	0.191		19.552	0.731	-0.104	0.008			-0.452	101.71	63.688
NP	2013	4.293	64.465	94.5	28.896			6.797	4.261	61.077	8.763		13.03	0.187		19.51	0.726	-0.103	0.022			-0.448	102.14	63.658
NP	2012	4.496	62.532	91.349	28.862			6.574	4.039	60.081	8.52		12.485	0.18		18.133	0.713	-0.105	0.016			-0.455	99.44	62.152
NP	2011	4.483	60.998	88.745	28.825			6.479	4.147	59.275	8.216		11.963	0.173		17.291	0.686	-0.104	0.023			-0.445	97.806	61.247
NP	2010	4.614	60.458	87.535	28.921			6.314	4.046	59.101	8.133		11.671	0.169		16.744	0.686	-0.106	0.021			-0.452	96.562	60.775
NP	2009	4.608	59.609	86.061	28.878			6.286	4.06	58.633	7.964		11.572	0.165		16.475	0.68	-0.105	0.021			-0.449	95.827	60.178
NP	2008	4.73	58.24	84.033	28.927			6.115	3.929	57.998	7.843		11.157	0.161		15.773	0.668	-0.103	0.031			-0.444	94.355	59.313
NP	2007	4.704	57.742	82.825	28.872			6.198	4.12	57.696	7.641		10.925	0.157		15.38	0.664	-0.104	0.025			-0.446	93.575	58.953
SIM		5.424	62.401	89.943	31.558			5.188	3.575	62.71	7.804		11.939	0.172		17.12	0.732	-0.115	-0.039			-0.488	91.817	59.698
SIRE	2022	4.141	74.39	109.62	30.439			7.542	4.327	67.588	10.581		14.722	0.22		26.189	0.856	-0.111	-0.028			-0.483	108.26	69.101
SIRE	2021	4.335	72.737	107.64	29.051			6.996	4.138	65.371	10.084		14.492	0.218		25.078	0.838	-0.111	-0.043			-0.481	105.04	67.127
SIRE	2020	4.283	71.432	105.76	28.976			7.049	4.26	64.643	9.95		14.236	0.215		24.016	0.814	-0.108	-0.027			-0.47	104.62	66.597
SIRE	2019	4.41	70.605	104.11	28.678			6.647	3.97	63.935	9.604		14.018	0.209		22.463	0.809	-0.11	-0.037			-0.479	102.76	65.717
SIRE	2018	4.327	68.458	100.83	29.135			6.779	4.037	63.315	9.259		13.449	0.202		21.848	0.79	-0.108	-0.021			-0.471	101.61	64.766
SIRE	2017	4.308	66.364	97.429	29.264			6.766	4.072	62.4	9.12		12.857	0.194		20.764	0.783	-0.108	-0.021			-0.472	99.723	63.646
SIRE	2016	4.402	66.318	97.23	29.054			6.655	4.08	62.167	8.965		12.262	0.193		20.548	0.756	-0.106	-0.004			-0.46	98.849	63.717
SIRE	2015	4.481	65.578	95.918	29.403			6.511	3.896	62.147	8.759		12.339	0.19		20.533	0.757	-0.106	-0.002			-0.461	98.4	63.185
SIRE	2014	4.468	65.055	95.176	29.181			6.484	3.87	61.663	8.854		12.299	0.188		19.872	0.737	-0.105	0.003			-0.454	98.155	62.838
SIRE	2013	4.332	63.576	92.599	28.817			6.56	3.931	60.558	8.429		12.078	0.181		19.469	0.719	-0.103	0.009			-0.445	97.491	62.152
SIRE	2012	4.617	62.42	90.456	29.269			6.315	3.807	60.431	8.238		11.514	0.175		18.462	0.718	-0.106	0.005			-0.457	95.284	61.265
SIRE	2011	4.429	61.438	89.058	29.095			6.499	4.009	59.764	8.21		11.227	0.173		18.272	0.695	-0.102	0.018			-0.44	94.853	60.832
SIRE	2010	4.653	61.333	88.657	29.295			6.193	3.853	59.914	8.061		11.444	0.171		17.294	0.699	-0.107	0.001			-0.457	94.356	60.475
SIRE	2009	4.743	60.296	86.785	29.545			6.012	3.687	59.646	7.95		10.851	0.166		17.196	0.7	-0.105	0.007			-0.454	92.291	59.684
SIRE	2008	4.916	59.748	85.905	29.59			5.838	3.686	59.417	7.928		10.442	0.164		16.542	0.673	-0.104	0.019			-0.446	91.081	59.279

SIRE	2007	4.956	59.039	84.523	29.522			5.719	3.79	58.994	7.749		10.132	0.159		16.095	0.671	-0.104	0.016			-0.446	89.735	58.695
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