

Breeding Values comparison

Below are the Breeding Values (BVs) of current cows before (2005) and after (2015) the base change. Here, you can see the breakdown of individual traits for cows that were average.

Production efficiency					
Trait	Bottom 10%	Bottom 25%	Average	Top 25%	Top 10%
2005 - Fat (kg)	8	16	25	34	40
2015 - Fat (kg)	-9	-1	7	16	23
2005 - Protein (kg)	7	14	21	29	35
2015 - Protein (kg)	-11	-4	3	11	17
2005 - Volume (l)	-184	75	351	619	868
2015 - Volume (l)	-517	-259	18	286	535
2005 - Liveweight (kg)	-30	-9	12	33	51
2015 - Liveweight (kg)	-38	-16	5	26	44

Robustness					
Trait	Bottom 10%	Bottom 25%	Average	Top 25%	Top 10%
2005 - Fertility (%)	-3.2	-0.8	1.1	3.5	5.1
2015 - Fertility (%)	-3.0	-0.6	1.3	3.7	5.3
2005 - Somatic cell (SCS)	-0.33	-0.18	-0.02	0.13	0.29
2015 - Somatic cell (SCS)	-0.35	-0.20	-0.04	0.11	0.26
2005 - Functional survival (%)	-0.1	0.6	1.3	2.2	2.7
2015 - Functional survival (%)	-1.0	-0.3	0.4	1.3	1.8
2005 - BCS (unit)	-0.09	-0.04	0.00	0.04	0.09
2015 - BCS (unit)	-0.10	-0.05	-0.01	0.04	0.09
2005 - Gestation length(days)	-4.1	-2.7	-1.2	0.1	1.6
2015 - Gestation length (days)	-3.2	-1.8	-0.3	1.0	2.5
2005 - Udder overall (score)	0.01	0.12	0.28	0.42	0.58
2015 - Udder overall (score)	-0.12	0.00	0.16	0.29	0.45

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Additional traits					
Trait	Bottom 10%	Bottom 25%	Average	Top 25%	Top 10%
2005 - Calving difficulty cow	-1.6	-0.9	0.0	0.8	1.6
2015 - Calving difficulty cow	-1.5	-0.8	0.1	0.9	1.7
2005 - Calving difficulty heifer	-5.8	-2.3	0.8	4.5	6.3
2015 - Calving difficulty heifer	-6.2	-2.8	0.3	4.0	5.8

Traits Other than Production (TOP)

Body conformation					
Trait	Bottom 10%	Bottom 25%	Average	Top 25%	Top 10%
2005 - Stature	-0.62	-0.28	0.07	0.39	0.67
2015 - Stature	-0.68	-0.34	0.01	0.33	0.60
2005 - Capacity	-0.01	0.10	0.25	0.40	0.53
2015 - Capacity	-0.18	-0.07	0.08	0.23	0.36
2005 - Rump angle	-0.30	-0.17	-0.06	0.05	0.16
2015 - Rump angle	-0.23	-0.11	0.00	0.11	0.22
2005 - Rump width	-0.18	-0.05	0.14	0.32	0.50
2015 - Rump width	-0.30	-0.17	0.03	0.20	0.38
2005 - Legs	-0.09	-0.02	0.02	0.09	0.13
2015 - Legs	-0.12	-0.05	-0.01	0.06	0.10
2005 - Dairy conformation	-0.01	0.12	0.25	0.39	0.50
2015 - Dairy conformation	-0.18	-0.06	0.08	0.21	0.32

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Udder conformation					
Trait	Bottom 10%	Bottom 25%	Average	Top 25%	Top 10%
2005 - Udder support	0.00	0.11	0.26	0.39	0.54
2015 - Udder support	-0.13	-0.02	0.13	0.26	0.41
2005 - Front udder	-0.01	0.10	0.25	0.38	0.53
2015 - Front udder	-0.12	-0.01	0.14	0.27	0.42
2005 - Rear udder	-0.01	0.10	0.26	0.40	0.56
2015 - Rear udder	-0.14	-0.03	0.13	0.27	0.43
2005 - Front teat placement	-0.10	-0.02	0.09	0.18	0.29
2015 - Front teat placement	-0.13	-0.04	0.06	0.16	0.26
2005 - Rear teat placement	-0.16	-0.02	0.18	0.36	0.55
2015 - Rear teat placement	-0.29	-0.15	0.05	0.24	0.43
2005 - Teat length	-0.43	-0.27	-0.11	0.05	0.20
2015 - Teat length	-0.40	-0.23	-0.07	0.09	0.23

Farmer opinion					
Trait	Bottom 10%	Bottom 25%	Average	Top 25%	Top 10%
2005 - Milking adaptability	0.01	0.09	0.18	0.26	0.34
2015 - Milking adaptability	-0.10	-0.03	0.06	0.15	0.22
2005 - Shed temperament	0.01	0.09	0.18	0.27	0.35
2015 - Shed temperament	-0.11	-0.04	0.06	0.15	0.22
2005 - Milking speed	-0.05	0.02	0.08	0.15	0.21
2015 - Milking speed	-0.09	-0.02	0.04	0.11	0.17
2005 - Overall opinion	0.04	0.12	0.22	0.31	0.39
2015 - Overall opinion	-0.11	-0.03	0.07	0.16	0.24