2018 Born Central Progeny Test (CPT)

Data Summary - August 2019

Central Progeny Test (CPT)

DATA SUMMARY - AUGUST 2019

The following estimated breeding values (EBV's) and classing data is for the 22 sires mated in the 2018 Central Progeny Test (CPT), based at Mt Grand Station, facilitated by the New Zealand Merino Company (NZM) and managed by neXtgen Agri.
EBV data has been downloaded from the Sheep Genetics Merinoselect database from the analysis that took place on the 21st of July, 2019.
All sires were mated to Mt Grand Station ewes via an artificial insemination (AI) program.

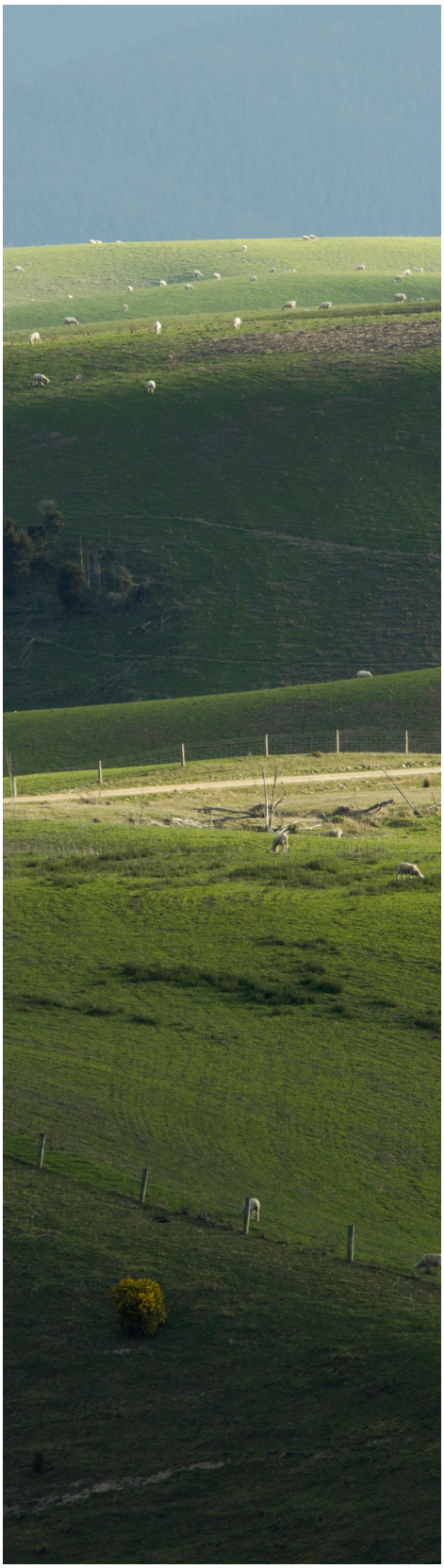
Classing data is raw and subjective.
Top / Flock / Cull grades are based on the following breeding objective: *to select sheep of sound conformation that can produce a valuable carcass with wool of sufficient quality. The ewe should be capable of rearing multiple lambs to good weaning weights.*
Scores for breech cover, breech wrinkle, face cover and dag score are based on the 'Visual Sheep Scores' guide, which can be found on the Australian Wool Innovation (AWI) website at:

www.wool.com/on-farm-research-and-development/sheep-health-welfare-and-productivity/sheep-breeding/resources/publications/.

Background

2018 saw the sixth CPT mating program take place, followed by the seventh in 2019. Initially the CPT was co-funded by NZM, Ministry for Primary Industries (though the Primary Growth Partnership) and Merino Inc. When funding ended in 2017, NZM recognised the need for this work to continue and funded a further two CPT breeding programs, alongside grower investment.

The CPT has provided a foundation for the fine wool industry to have a commercially available footrot breeding value and provides a source of linkage and validation for the fine wool stud industry. NZM is proud to work with Lincoln University, owner of Mt Grand Station, and neXtgen Agri who manages the CPT breeding program and data collection activities at Mt Grand. These relationships provide continuity and longevity to the work undertaken for the benefit of the fine wool industry.



AUGUST 2019

Summary of the traits that have been measured to date in the 2018 born CPT progeny, organised by Sire.

			OVERALL CLASS			VISUAL CLASSING				EBV'S	
Sire	**No. of Progeny**	**Current av. Weight (kg)**	**Top**	**Flock**	**Cull**	**Breech Cover**	**Breech Wrinkle**	**Face Cover**	**Dag Score**	**WWT**	**PWT**
						1 is very bare and 5 is complete coverage	*1 is no wrinkle and 5 is very wrinked*	*1 is open face and 5 is heavy wool cover*	*1 is no dag and 5 is excessive dag*	*Weaning weight EBV*	*Post-weaning weight EBV*
Anderson 140474	41	41.3	10%	66%	24%	3	2.6	2.8	1.4	4.77	7.95
Benmore 170013	32	39.2	23%	61%	16%	3.3	2.7	2.5	1.6	2.18	2.79
Cleardale M179/16	36	41.3	18%	74%	9%	3.3	3.3	2.7	1.6	1.85	3.08
Earnscleugh 163788	43	38.9	2%	59%	39%	3.3	3.1	3.1	1.9	2.82	4.54
Earnscleugh 164146	41	41.7	24%	39%	37%	3.5	3	2.8	1.3	3.72	5.83
Glen Orkney 150050	38	38.0	32%	50%	18%	3.4	2.8	2.8	1.2	1.35	2.80
Ida Valley 160067	42	41.8	7%	56%	37%	3.4	3	2.7	2.1	3.18	4.77
Isolation 150529	24	41.2	4%	46%	50%	3.5	3.3	3.1	1.6	3.11	5.11
Matakanui FAT076	29	45.2	21%	52%	28%	2.3	2.7	2.7	1.8	5.97	6.74
Matarae 155057	48	38.3	2%	42%	56%	3.9	3.6	3.3	2.6	1.25	-0.17
Melrose 160026	31	44.2	0%	35%	65%	3.5	3.2	3.1	1.6	4.48	6.70
Merinotech 122281	29	39.6	31%	62%	7%	3	2.6	2.7	1.3	1.56	3.46
Middlehurst 150506	38	43.0	29%	45%	26%	3.1	2.5	2.8	1.6	6.41	9.20
Moutere 150426	43	42.5	23%	51%	26%	3.4	3.1	2.9	2.1	3.86	5.54
Muller 160344	38	41.9	21%	68%	11%	3.2	2.7	2.9	1.8	4.93	6.21
Mumblebone 160418	40	41.7	43%	48%	10%	2.7	2.5	2.8	1.5	4.19	7.63
Nine Mile 160795	41	37.6	26%	59%	15%	3.5	3	2.6	1.5	1.71	2.28
NZM 110294 *(link ram)*	33	36.4	6%	53%	41%	3.5	2.6	2.9	1.6	-4.51	-5.68
Southern X 160058	39	44.4	8%	38%	54%	3.1	2.2	2.3	1.3	4.29	7.14
The Gums 160505	21	40.5	21%	42%	37%	2.8	3	2.8	1.7	3.65	3.78
Trigger Vale 140477 *(link ram)*	46	43.2	20%	51%	29%	2.6	2.1	2.7	1.6	6.61	9.04
Trigger Vale 160095	20	42.9	25%	65%	10%	3	2.6	2.8	1.5	4.99	6.88
Average	**36**	**41.1**	**18%**	**53%**	**30%**	**3.2**	**2.8**	**2.8**	**1.7**	**Industry Average 2.1**	**Industry Average 2.6**