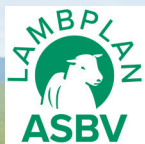




BLACKWOOD CORRIEDALES



**Ram Sale 11:00am
Mon 21st Nov 2022**



'HARLAND RISE' 46 DALNESS RD, EVANDALE

**56 High Ranked
Performance
Corriedale Rams**

**Moderate Weight Ewes |
More Wool Value
Carcase Shape**

**5 Star Data Quality
Score for ASBV's
24.3 Micron Av**

Free Freight to Designated Victorian drop-off points

IN CONJUNCTION



Peter Blackwood 0418 134 800

Dale Bruns - Sheep Advisor 0458 899 918

Jock Gibson - Nutrien Livestock 0418 133 595

Cooper Lamprey - Nutrien Livestock 0429 304 110

Stewart Raine - Nutrien Wool 0436 452 505



BLACKWOOD CORRIEDALES

Blackwood Performance Corriedales EST 2006

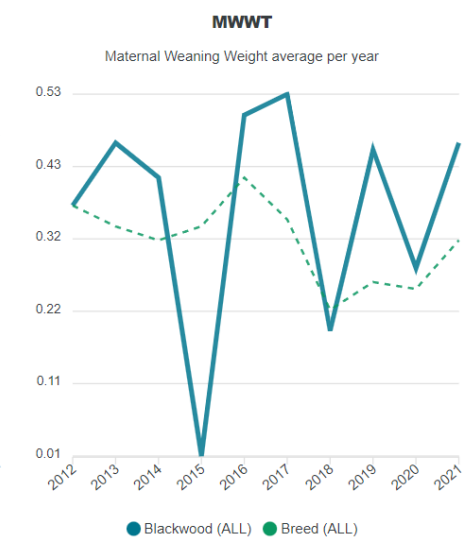
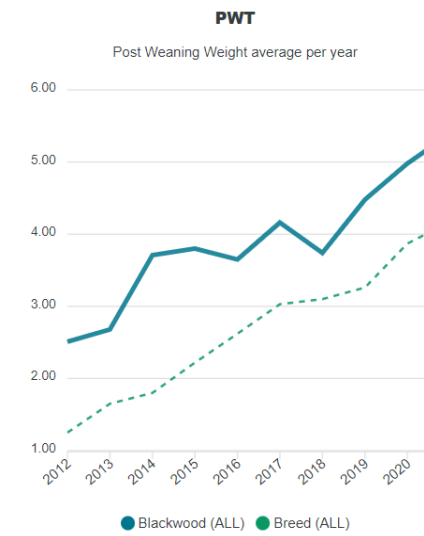
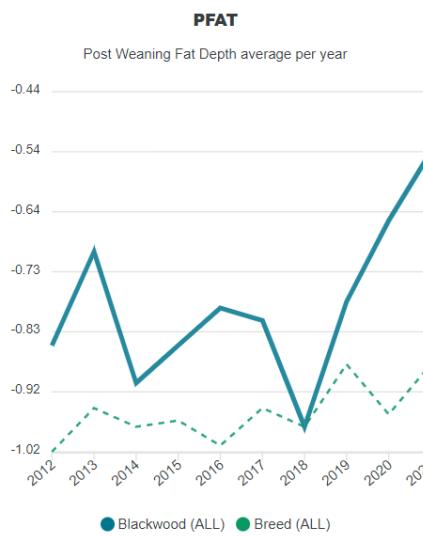
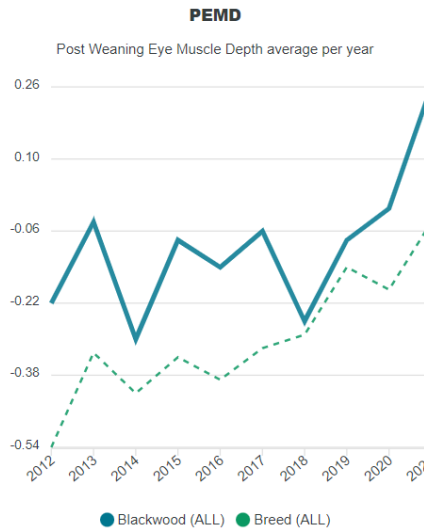
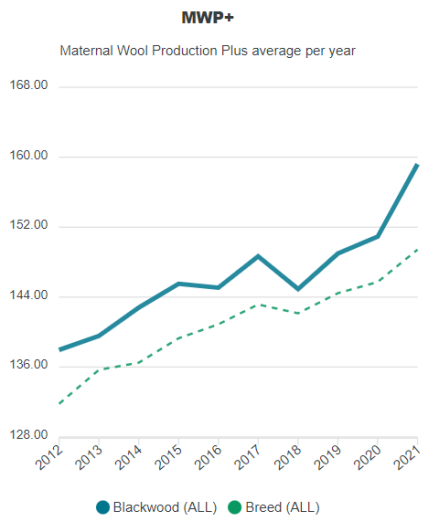
Blackwood will be offering 56 Performance Rams at our on-farm Ram Sale on Monday, 21st November 2022. These rams are bred for production and mid micron wools suiting today's markets. Average micron of sale team 24.3micron, they are showing great body depth and hindquarter shape which Blackwood is becoming renowned for.

We have not stopped in our endeavour to produce rams that suit Merino and Maternal flocks for lamb and wool. We measure and collect data throughout the lambs and ewe's lives, to lift accuracy whilst selecting for the major traits in profitability. We have a 5 Star Data Quality Score from Sheepgenetics, which is achieved by collecting data timely and often, ensuring you can buy quality with confidence.

In Tasmania behind the scenes the Performance Corriedale Group ran a 3-year Meat Eating trial for Corriedale lamb, results are now available, this has shown Corriedales do have good eating quality with Shear force and intramuscular fat, however there is still variation. So, we as a stud are putting rams into the National Resource Flock to monitor our sheep while also Genomic testing all Rams used in stud and Maiden ewes entering the stud, to collect and use all the tools available to produce relevant and productive animals.

The Corriedale breed has taken the step to have their data assessed in the Maternal database not in their own analysis. So as a breed they will have eating quality measured and reported, with this there has been some changes to Trait scores in individual animals of all breeders in Corriedales. The animals have not changed and selection of these in our situation have not changed, the base we are working from has changed. Genetic trends of our animals are still heading in a very positive direction, measured by an annual lift in production over the last 10 years.

Blackwood Sheep are Non-Mulesed.



032401 - BLACKWOOD

Average per year

Year	MWP+	BWT	PWT	AWT	MWWT	YGFW	YFD	PEMD	PFAT	WR
2012	137.96	0.21	2.51	0.92	0.37	7.27	-3.93	-0.22	-0.85	-0.01
2013	139.56	0.17	2.68	1.28	0.46	6.68	-3.92	-0.04	-0.70	-0.01
2014	142.80	0.24	3.71	2.33	0.41	8.21	-3.46	-0.30	-0.91	0.01
2015	145.52	0.21	3.80	2.23	0.01	6.39	-3.60	-0.08	-0.85	0.04
2016	145.08	0.21	3.65	2.61	0.50	5.21	-3.29	-0.14	-0.79	0.04
2017	148.65	0.18	4.16	3.05	0.53	5.99	-3.26	-0.06	-0.81	0.04
2018	144.92	0.17	3.74	2.95	0.19	6.77	-4.07	-0.26	-0.98	0.01
2019	148.99	0.17	4.48	2.91	0.45	3.93	-3.63	-0.08	-0.78	0.02
2020	150.92	0.19	4.98	3.41	0.28	5.12	-3.50	-0.01	-0.65	0.02
2021	159.20	0.18	5.39	4.16	0.46	3.90	-4.03	0.26	-0.54	0.05

Breed

Average per year

Year	MWP+	BWT	PWT	AWT	MWWT	YGFW	YFD	PEMD	PFAT	WR
2012	131.80	0.19	1.25	-0.99	0.37	5.74	-3.90	-0.54	-1.02	0.01
2013	135.68	0.17	1.65	-0.21	0.34	4.56	-4.16	-0.33	-0.95	0.02
2014	136.50	0.18	1.80	0.14	0.32	5.60	-3.88	-0.42	-0.98	0.03
2015	139.29	0.19	2.22	0.75	0.34	4.65	-4.03	-0.34	-0.97	0.04
2016	140.89	0.20	2.62	1.34	0.41	5.49	-3.71	-0.39	-1.01	0.04
2017	143.16	0.21	3.03	1.71	0.35	5.04	-3.86	-0.32	-0.95	0.03
2018	142.15	0.19	3.10	1.92	0.22	6.02	-3.88	-0.29	-0.98	0.03
2019	144.45	0.18	3.26	1.88	0.26	4.97	-3.91	-0.14	-0.88	0.03
2020	145.73	0.20	3.87	2.60	0.25	6.56	-3.85	-0.19	-0.96	0.04
2021	149.43	0.20	4.17	3.18	0.32	5.31	-4.06	-0.04	-0.88	0.05

Updates to the reporting of Corriedales

Corriedale ASBVs are now reported from the Maternal analysis

Corriedale animals are now reported from the Maternal analysis only. This means the method that Corriedales are reported is now consistent with the reporting of first cross sire breeds, as well as shedding breeds. There is a percentile band table available that is filtered to only include Corriedales. This allows you to compare where a Corriedale ram sits compared to other Corriedale animals.

Why is it changing?

Corriedale ram buyers now have access to new ASBVs that allow for more targeted genetic selection. These ASBVs are also now informed by genomic information. New traits that are available include, carcass and eating quality (lean meat yield (LMY), intramuscular fat (IMF) shear force (SHEARF5)), as well as the component reproduction traits (conception (CON), litter size (LS), ewe rearing ability (ERA)).

What is the impact?

As ASBVs for Corriedales are now reported from the Maternal analysis, percentile bands have changed. Whilst the ranking of Corriedales among themselves is similar, ASBVs and Indexes have changed. The easiest way to understand the change is to re-benchmark using the current percentile band table. You can find this by scanning the QR code below.

Access the current
Corriedale Percentiles



Updates to the Maternal Indexes

Number of Lambs Weaned (NLW) has been replaced by an improved ASBV called Weaning Rate (WR). This new ASBV has been included in the indexes for Maternal breeds.

Sheep Genetics has released a new trait that measures reproductive performance called Weaning Rate (WR). WR combines the traits of Conception (CON), Litter Size (LS) and Ewe Rearing Ability (ERA) into a single ASBV for selection. WR has been introduced to replace Number of Lambs Weaned (NLW) and has been included in the Maternal Carcase Production (MCP), Maternal Carcase Production Plus (MCP+), Maternal Wool Production Plus (MWP+) and Border Leicester Cross (BLX) Indexes.

As a result of the introduction and inclusion of WR in these indexes there have been changes in the percentiles. Other enhancements to the Sheep Genetics evaluations, have also resulted in changes to ASBVs, Indexes, and the percentiles. *Therefore, this ram sale season it is important to use the percentile band table to re-benchmark to inform your ram purchasing decisions.*

To access the current percentile bands table please use the QR code below of the left. For further information on Weaning Rate please use the QR code on the right and refer to page 4 of the Sheep Genetics 2022 Analysis Enhancement Documentation.

**Access the Maternal
Percentile Band Table**



**For more information on
Weaning Rate (WR)**



Maternal Wool Production Plus (MWP+)

The MWP+ index is for a self-replacing maternal operation where improving wool production and quality are important.

For wool traits, the balance is weighted more towards quality than production, with a greater emphasis on fibre diameter than fleece weight.

Typical trait changes with the MWP+ index include:

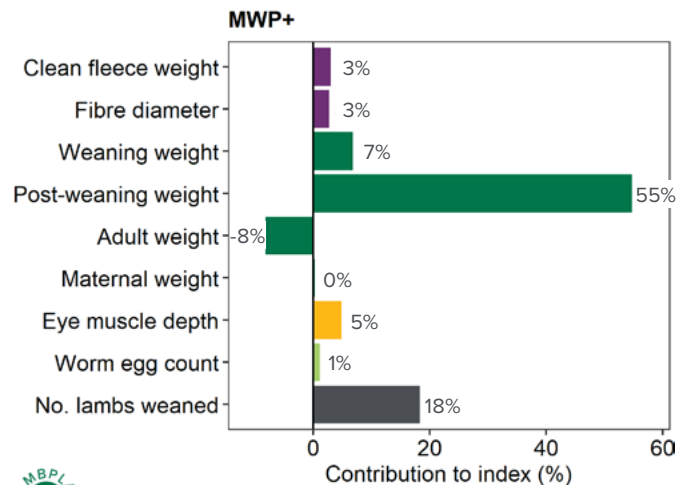
- limited change in clean fleece weight
- reducing fibre diameter
- increasing growth
- increasing adult weight
- improving carcass traits
- small reduction in worm egg count
- increasing number of lambs weaned.

Figure 4 illustrates which traits are considered within MWP+ and how much they contribute to the overall balance of the index. The longer the bar, the greater the impact on the index, and the greater impact on the profitability of the production system.

The graph shows that wool quality and production are balanced between fibre diameter and fleece weight. The graph shows a small contribution from worm egg count.

Ram breeders who more actively measure worm egg count will achieve greater emphasis on the trait. Adult weight makes a negative contribution to the index when considered on its own because bigger ewes have higher feed costs. However, bigger ewes also produce more lambs which reach sale weight faster, so the index makes a trade-off to achieve an optimal balance across all traits

Figure 4: The traits in the MWP+ index and how they contribute to the overall balance of the index



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CORRIEDALE

PERFORMANCE GROUP

The **Corriedale Performance Group** is a group of like-minded Corriedale breeders working together to improve the breed and producing what modern sheep breeders require from dual purpose sheep. Performance Group Corriedales produce mid micron wool, have sound structure and better genetics. They focus on improved growth rate and muscle development, and high fertility, all of which means more profit for both lamb and wool. They also have improved hybrid vigour when crossed with other breeds.

PERFORMANCE RECORDING

Performance recording is a key feature of the **Corriedale Performance Group**

Measurements focus on three areas:

Reproduction – number of lambs weaned per ewe joined

Growth – maximising early growth rate without increasing adult ewe weight

Wool – fleece weight, fibre diameter, wool strength

Performance Group Corriedales are kicking goals for number lambs weaned and increased post weaning weight.

INNOVATIVE MARKETING STRATEGY

The Corriedale Performance Group have a system for ranking their rams based on the Maternal Wool Production Plus (MWP+). Performance Group breeders aim to use only gold standard rams in their own flocks.

As the sheep improve every year the requirements for gold are constantly increasing.



GOLD MEDAL

The top 10% of rams ranked on the MWP+



SILVER MEDAL













The top 25% of rams ranked on the MWP+











DATA QUALITY SCORE (DQS)











Data is the cornerstone of Sheep Genetics' evaluations. Optimal data quality is vital in enhancing the reliability of ASBVs to make accurate selection decisions and therefore maximising genetic gain. This report provides breeders with better information on the variables that impact the rate of genetic gain of their flock. These variables include the amount and quality of pedigree, trait recording and how effectively this data is used. By considering the individual components of the breeder's equation and balancing them, breeders are able to maximise genetic gain.

The Data Quality Score (DQS) describes the overall quality of a flock's data. It is made up of measures of data quantity, quality and timeliness. This includes measures of:

- The amount of data, including the number of animals and traits being recorded
The more data you submit, the more information we have to make unbiased comparisons of animals through ASBVs.
- Completeness and accuracy of records, including how well pedigree, birth date and birth types and performance traits are recorded.
Better quality data results in more accurate ASBVs.
- Data structure, including progeny numbers and sire representation across groups, and linkage.
- Timeliness, which is a measure of how promptly data is submitted to the evaluation from time of collection.
The timely submission of data means that all available information is used to estimate ASBVs. This will also minimise the potential amount of re-ranking or movement of ASBVs.

	LOT	NAME	BT/RT	SIRE	MWP+	BWT	PWT	AWT	MWWT	YGFW	YFD	PEMD	PFAT	WR	MICRON	
	1	BLACKWOOD - 210018	1/1	QP190355	150.33	0.19	3.89	2.51	0.62	-0.76	-4.41	0.14	-0.38	0.02	23.6	
	2	BLACKWOOD - 210020 USED	1/1	QP190355	159.10	0.11	5.69	4.17	0.30	0.23	-3.76	0.53	-0.67	0.03	22.8	
	3	BLACKWOOD - 210054	2/2	B190106	178.62	0.36	6.93	6.04	0.59	-0.91	-4.96	0.08	-0.50	0.16	22.6	
	4	BLACKWOOD - 210064	2/2	B200097	169.51	0.39	7.55	6.63	0.69	5.25	-4.01	-0.40	-0.50	0.07	25.2	
	5	BLACKWOOD - 210069	2/2	B190106	165.07	0.31	7.97	7.76	0.61	12.92	-2.29	0.16	0.05	0.03	26.5	
	6	BLACKWOOD - 210075	2/2	B200074	176.03	0.06	7.27	6.02	0.32	6.88	-4.29	0.64	-0.64	0.10	23.5	
	7	BLACKWOOD - 210087	2/2	B200097	164.14	0.22	6.98	7.50	0.78	6.60	-3.41	0.56	-0.57	0.02	26.9	
	8	BLACKWOOD - 210091	2/2	B200063	152.90	0.31	5.79	5.40	0.82	-6.09	-1.83	0.79	-0.71	0.06	27.8	
	9	BLACKWOOD - 210116 USED	1/1	B200075	166.34	0.32	6.16	2.93	1.06	10.44	-4.45	-0.01	-1.07	0.01	23.2	
	10	BLACKWOOD - 210157	2/2	B200074	162.45	0.21	5.84	4.61	0.85	14.37	-4.82	-0.83	-1.32	0.04	23.2	
	11	BLACKWOOD - 210194	2/2	B200075	165.75	0.29	7.02	5.00	0.76	6.10	-3.68	0.42	-1.04	0.00	24.6	
	12	BLACKWOOD - 210224	1/1	B190106	163.20	0.33	5.99	6.73	0.58	13.88	-4.71	0.24	-0.38	0.01	23.5	
	13	BLACKWOOD - 210237	2/1	B200074	166.17	0.18	8.70	7.20	-0.20	6.05	-4.34	-0.60	-1.49	-0.03	23.3	
	14	BLACKWOOD - 210252	1/1	B200075	153.13	0.32	5.99	4.24	1.14	12.02	-2.31	0.23	-1.20	-0.02	27.2	
	15	BLACKWOOD - 210258	2/2	B200075	155.35	0.18	5.33	4.25	1.35	6.32	-2.99	0.91	-0.62	-0.01	26.0	
	16	BLACKWOOD - 210259	2/2	B200075	151.71	0.18	4.57	3.63	1.35	7.65	-3.56	0.47	-1.13	-0.02	25.4	
	17	BLACKWOOD - 210271	2/2	B200074	145.00	0.16	3.72	4.51	0.78	10.41	-3.06	-0.16	-1.47	0.04	27.5	
	18	BLACKWOOD - 210304	2/2	B190106	163.86	0.22	6.03	5.89	0.32	18.39	-2.94	-0.38	-1.27	0.10	28.2	
	19	BLACKWOOD - 210318	3/3	B200051	165.17	0.06	6.06	3.35	1.77	-0.63	-3.31	0.94	-0.05	0.06	26.0	
	20	BLACKWOOD - 210122 USED	2/2	B200097	171.48	0.21	6.55	3.05	1.12	3.01	-2.71	1.17	-0.38	0.09	26.2	





	LOT	NAME	BT/RT	SIRE	MWP+	BWT	PWT	AWT	MWWT	YGFW	YFD	PEMD	PFAT	WR	MICRON	
	21	BLACKWOOD - 210140 USED	2/2	B200063	168.40	0.09	5.58	4.79	1.19	-6.65	-4.53	1.12	0.11	0.08	21.4	
	22	BLACKWOOD - 210017	2/2	QP190355	156.56	0.18	4.70	1.95	0.49	-0.93	-5.08	0.30	-0.73	0.01	22.6	
	23	BLACKWOOD - 210016	2/2	QP190355	157.62	0.16	5.12	3.07	0.46	4.66	-3.44	-0.34	-0.79	0.07	26.1	
	24	BLACKWOOD - 210056	2/2	B200063	160.77	0.08	5.12	3.34	0.30	-1.19	-3.89	0.50	0.11	0.10	23.6	
	25	BLACKWOOD - 210065	2/2	B200097	170.44	0.36	7.23	5.58	0.68	6.02	-4.43	-0.45	-0.78	0.07	23.4	
	26	BLACKWOOD - 210077	2/2	B190106	168.70	0.15	4.98	6.02	0.73	15.21	-5.01	0.64	-0.01	0.08	22.9	
	27	BLACKWOOD - 210139	1/1	B200063	160.16	0.28	5.63	3.29	0.65	-4.29	-4.22	0.20	-0.88	0.05	23.5	
	28	BLACKWOOD - 210150	2/2	B200063	163.19	0.09	7.25	7.04	0.24	2.00	-2.57	1.17	0.32	0.04	27.1	
	29	BLACKWOOD - 210152	2/2	B200097	168.46	0.13	6.47	4.89	0.08	7.05	-4.14	0.82	-0.86	0.04	24.9	
	30	BLACKWOOD - 210153	1/1	B190106	156.95	0.32	5.66	5.00	0.62	11.52	-3.58	-0.09	-0.79	0.02	25.0	
	31	BLACKWOOD - 210181	2/2	B200063	168.82	0.16	6.17	1.87	0.29	-3.10	-3.88	1.38	-0.64	0.06	23.6	
	32	BLACKWOOD - 210188	1/1	B200097	166.99	0.25	6.40	3.74	1.28	1.15	-3.12	0.15	-0.76	0.10	25.7	
	33	BLACKWOOD - 210198	2/2	B200063	157.47	0.27	6.72	5.90	0.87	-3.35	-3.88	-0.11	-1.17	-0.01	24.4	
	34	BLACKWOOD - 210251	1/1	B200097	160.19	0.10	4.65	3.63	0.19	8.76	-4.99	0.02	-0.76	0.05	23.2	
	35	BLACKWOOD - 210267	2/2	B200075	161.12	0.37	6.87	4.53	1.00	1.67	-4.35	0.09	-1.17	-0.02	22.9	
	36	BLACKWOOD - 210270	2/2	B200074	156.19	0.07	3.15	2.74	0.78	11.00	-5.86	0.26	-1.40	0.03	19.5	
	37	BLACKWOOD - 210282	1/1	B200074	154.69	0.20	4.76	3.25	-0.19	4.05	-5.56	-1.21	-1.14	0.05	20.9	
	38	BLACKWOOD - 210289	1/1	B200063	168.93	0.33	6.18	3.34	0.96	1.54	-4.45	0.61	-1.15	0.05	23.3	
	39	BLACKWOOD - 210303	2/2	B190106	172.30	0.41	8.12	8.25	0.33	0.74	-4.44	-1.12	-1.88	0.11	23.3	
	40	BLACKWOOD - 210034	2/2	NS190037	167.75	0.12	4.66	2.91	0.14	-5.05	-6.63	0.11	-0.52	0.09	20.0	

	LOT	NAME	BT/RT	SIRE	MWP+	BWT	PWT	AWT	MWWT	YGFW	YFD	PEMD	PFAT	WR	MICRON	
	41	BLACKWOOD - 210035	2/2	NS190037	170.85	0.20	5.34	3.98	0.49	1.88	-5.95	0.75	0.05	0.05	21.1	
	42	BLACKWOOD - 210036	2/2	NS190037	162.45	0.08	3.49	2.26	0.48	3.16	-6.27	0.85	-0.06	0.06	21.2	
	43	BLACKWOOD - 210058	1/1	B200063	166.22	0.03	5.05	4.29	0.88	-0.57	-3.90	1.52	0.55	0.09	24.8	
	44	BLACKWOOD - 210066	2/1	B200063	173.98	0.23	6.76	3.19	0.68	-6.02	-4.35	0.82	0.07	0.09	22.8	
	45	BLACKWOOD - 210147	2/2	B200063	168.97	0.17	6.09	5.71	0.21	-3.07	-4.71	1.13	0.06	0.07	23.5	
	46	BLACKWOOD - 210154	1/1	B200097	160.33	0.09	5.11	5.49	0.41	6.55	-3.41	0.70	-0.24	0.08	25.6	
	47	BLACKWOOD - 210156	2/2	B200074	163.33	0.15	5.53	4.04	0.84	17.55	-4.56	-0.43	-1.24	0.04	23.7	
	48	BLACKWOOD - 210176	2/2	B200063	162.44	0.10	4.70	2.39	0.69	1.63	-4.59	0.90	-0.30	0.07	23.2	
	49	BLACKWOOD - 210192	2/1	B200074	157.93	0.15	5.76	5.20	0.05	-4.98	-4.77	0.07	-1.18	0.05	22.4	
	50	BLACKWOOD - 210193	2/2	B200075	169.74	0.28	7.82	5.53	0.76	-1.16	-3.67	0.92	-0.74	0.00	23.6	
	51	BLACKWOOD - 210207	2/2	B200063	159.79	0.25	4.49	2.64	1.28	-11.74	-4.41	0.67	-0.54	0.11	22.5	
	52	BLACKWOOD - 210244	2/2	B190106	152.73	0.20	4.70	3.36	0.27	7.33	-2.79	0.42	0.45	0.06	26.8	
	53	BLACKWOOD - 210247	2/2	B200097	150.78	0.18	3.89	2.36	0.80	5.26	-3.25	0.45	-0.12	0.06	25.9	
	54	BLACKWOOD - 210250	2/2	B200074	167.66	-0.02	5.83	4.63	0.92	10.69	-3.83	0.68	-0.34	0.08	24.9	
	55	BLACKWOOD - 210298	2/2	B200074	157.42	0.02	4.95	3.34	-0.08	4.42	-4.23	-0.01	-0.92	0.07	22.8	
	56	BLACKWOOD - 210307	2/2	B200063	162.42	0.17	5.25	2.08	0.72	1.08	-4.56	0.64	-0.52	0.04	24.1	

Analysis Date: 01/10/2022

INDEXES

KEY

	Top 1%
	Top 5%
	Top 10%
	Top 20%

BWT	Birth Weight	PFAT	Post Weaning Fat
AWT	Adult Weight	WR	Weaning Rate
MWWT	Maternal Weaning Weight	MWP+	Maternal Wool Production Plus Index
PWT	Post Weaning Weight	BT/RT	Birth Type/Rear Type - 1-Single 2-Twin
YGFW	Yearling Greasy Fleece Weight	SIRE	B - Blackwood
YFD	Yearling Fibre Diameter		QP - Quamby Plains
PMED	Post Weaning Eye Muscle Depth		NS - Nayook South

BLACKWOOD PERFORMANCE CORRIEDALES
EST. 2006



BLACKWOOD CORRIEDALES

GENETICS FOR PROFITABILITY



CAMPBELL TOWN SHOW 2019

Paddock to Plate - TASMANIAN PRIME LAMB COMPETITION

**HEAVY EXPORT SECTION
WHITE SUFFOLK / CORRIEDALE LAMBS**

**CHAMPION CORRIEDALE FLEECE
CAMPBELL TOWN SHOW 2019
BLACKWOOD 16-110**

**CHAMPION CORRIEDALE FLEECE
AUSTRALIAN SHEEP & WOOL SHOW 2019
BLACKWOOD 16-0015**



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