36TH ANNUAL
ON-PROPERTY AUCTION

WEDNESDAY 4TH OCTOBER 2023 | 12 NOON

288 RAMS

WOOLUMBOOL
STUDS

Poll Dorset • White Suffolk • Multi-Meat

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36TH ANNUAL ON-PROPERTY AUCTION

WEDNESDAY 4 OCTOBER 2023

288 RAMS

WHITE SUFFOLK, POLL DORSET & MULTI MEAT COMPOSITES

IN CONJUNCTION WITH LUCINDALE AREA SCHOOL

INSPECT FROM 10.30AM | SALE 12 NOON

ON-PROPERTY - YACCA DOWNS WOOLSHED,
2671 WOOLUMBOOL ROAD, WOOLUMBOOL, SA
& ONLINE AUCTIONSPLUS

Vendors:

Aaron & Sally Clothier
08 8765 8095 | 0428 658 002
aaron.sally@bigpond.com

Phil & Sharon Clothier
08 8765 8026

AuctionsPlus

Nutrien Livestock
Malcom Graetz
0429 516 502

Elders
Scott Christie
0428 400 411

HEALTH STATUS

Woolumbool Studs - (PD Flock No.2248)
(WS Flock No. 26) (MM Flock No. 3)

- Accredited Ovine Brucellosis Free (SA 326)
- Accredited Ovine Johne's Disease Mn3 (S139)
- All rams have been Gudair vaccinated
- A vendor declaration will be supplied sale day.
- A National Sheep Health statement will be supplied sale day.

RAM TREATMENTS

- Cobalt and Selenium pill: July 23
- Last Drench: 6th July 2023 (Dynamax Capsules
- Vaccination: 6th July 2023 (GlanEry + B12)
- OJD Vaccination: lamb marking 2022
- Shorn: 2nd August 2023

GUARANTEE

Woolumbool Studs guarantee our rams to be functional for their first working. If you have a problem with any of your purchases, please contact us and we will replace if necessary.

REBATE

A rebate of 4% will be paid on any purchase influenced by outside agents provided they advise the selling agents in writing prior to the sale or accompany the purchaser to the sale.

OUR BREEDING PROGRAM

We are committed to breed animals who are as productive and easy care as possible. We measure for production traits, and now actively measure and select for traits to eventually produce sheep which will require minimal handling for worm treatments and remain free of dag.

We understand these 2 traits can cause a range of challenges and add extra work in sheep management than other traits, particularly in the higher rainfall and higher stock density regions.

Our breeding program is based on a sound combination of measured traits with analysis prepared by LAMBPLAN® the recognised world leader in this field, practical application of the Australian Sheep Breeding Values (ASBV's), along with recognition that animals must also be structurally correct and true to type.

LAMBPLAN® ASBV's are calculated from systematic combinations of performance information from individuals and their relatives collected at various stages during their development. They are expressed as the difference between an individual's genetic merit and the genetic base to which the animal is compared.

ASBV'S FOR NINE TRAITS ARE PROVIDED IN THIS CATALOGUE

BWT Birth Weight
PWT Post Wean Weight
Pemd Eye Muscle Depth
LMY Lean Meat Yield
SF5 (kg) Shear Force
WWT Wean Weight
PFAT Fat
Pwec Worm Egg Count
IMF (%) Intramuscular Fat

The LAMBPLAN Fact Sheet, Information regarding eating quality traits & the TCP index is shown on Pages 21 to 25.

WOOLUMBOOL STUDS ANNUAL RAM SALE 2023

Welcome to our 36th Annual Poll Dorset, White Suffolk & Multi-Meat Composite Ram Sale.

This past year has been one out of the box with an extended spring, short summer and early autumnal rains, leading to an exceptional season of feed.

Next year's drop of rams are hitting the ground running and looking great - it will be exciting to see where they may take us.

Here at Woolumbool we strive to achieve what we believe will impact our client's bottom line, that is to produce terminal lambs that are fast growing, high in muscle with moderate fat, resistant to internal parasites (less need for drenching), and also lambs that eat well with increasing intra-muscular fat and less shear force.

Woolumbool Multi-Meat composites, while sharing the same focus as our terminal breeds, also have additional traits that we believe will increase the bottom line. Such as decreasing fibre diameter and maintaining fecundity and increasing hardiness.

This year our own Multi-Meat X Merino wether lambs produced wool that was tested and sold at 23micron.

Woolumbool is pleased to offer 284 young rams at this year's sale and are confident this year's draft offer great buying value with all rams presenting with well-balanced LAMBPLAN® figures that would be difficult to access in quantity anywhere else.

We aim to produce and offer fit, robust and functional rams with well-balanced ASBV's who have the capability of producing prime lambs suitable for a range of markets.

Our commitment to breeding rams suitable for your production systems is resolute. We are not influenced by fads or show-ring performance but by production information which is analysed in a meaningful and scientific manner to give you our clients a leading edge.

We firmly believe in the future of the sheep meat industry and believe it will continue to be a strong one.

Looking forward to welcoming you to our Annual Sale and please call Aaron with any enquiries.

The Clothier Families

CATALOGUE INDEXES

The Carcase+ Index has replaced by the TCP (Terminal Carcase Production) Index.

Please see the 2 Index pages for TCP & LEQ on Page 21 & 24.

WOOLUMBOOL INDEXES

We prefer the use of TCP as it is designed to factor in EQ (Eating Quality) as part of the index to counter declining EQ as a result of continuing upward pressure on growth and muscle. We believe it offers a balanced animal which better fits most production systems.

- The C+ index is a desired gains index whereas the TCP & LEQ indexes are $ Value Indexes
- The TCP index is similar to the old C+ but also incorporates EQ traits to arrive a $ Value Index
- The LEQ index has a slightly differing emphasis on traits than the TCP but also incorporates WEC to arrive at a $ Value Index

HOW TO INTREPRET AN INDEX

RAM ID	PWT (kg)	PFAT (mm)	PEMD (mm)	INDEX
Ram 1	7.6	-0.7	0.8	155
Ram 2	8.4	1.0	3.3	155

WHAT ARE INDEXES?

Selecting animals involves balancing several key traits. To make selection easier traits can be combined into a selection index. A selection index combines ASBVs for several traits to give a single value. This reflects the performance of the sheep relative to the breeding objective of the index.

$ Value Index: A dollar index indicates the value of an animal based on its suitability for a particular market. The value is given in real dollar figures and expressed as $/ewe joined/yr.

EG: a dollar index of 105 indicates that a ram will produce $5 extra value for every ewe joined compared to a ram with an $ index of 100. Therefore over four years, if a ram produces 200 progeny, the extra value produced by that ram will be $5 x 200 = $1,000.

Desired Gains Index: Work on a proportional gain of a combination of traits.

EG: For example the Carcase Plus index puts 60% emphasis on increasing growth, 20% on decreasing fat and 20% on increased eye muscle depth.

TERMINAL ANALYSIS

Analysis Date: 1/09/23

Band	LEQ	BWT	PWT	PEMD	PFAT	LMY	IMF	SHEARF5	PWEC
1	163.09	-0.54	19.87	4.22	1.22	5.48	0.37	-2.96	-68.06
5	156	-0.27	18.41	3.55	0.65	4.79	0.08	-1.33	-57.08
10	151.8	0	17.65	3.22	0.4	4.44	-0.03	-0.57	-50.33
20	146.55	0.15	16.73	2.8	0.13	4.04	-0.16	0.32	-41.91
30	142.61	0.23	16.04	2.49	-0.06	3.76	-0.25	0.97	-35.04
40	138.99	0.28	15.41	2.23	-0.21	3.51	-0.33	1.53	-28.89
50	135.53	0.33	14.77	1.98	-0.35	3.27	-0.41	2.1	-22.76
60	132.22	0.37	14.03	1.72	-0.48	3.01	-0.49	2.72	-16.43
70	129.1	0.42	13.11	1.44	-0.62	2.68	-0.57	3.47	-9.31
80	125.51	0.47	11.79	1.13	-0.78	2.22	-0.67	4.4	-0.42
90	120.28	0.54	9.94	0.72	-1	1.51	-0.82	5.61	12.3

MATERNAL ANALYSIS

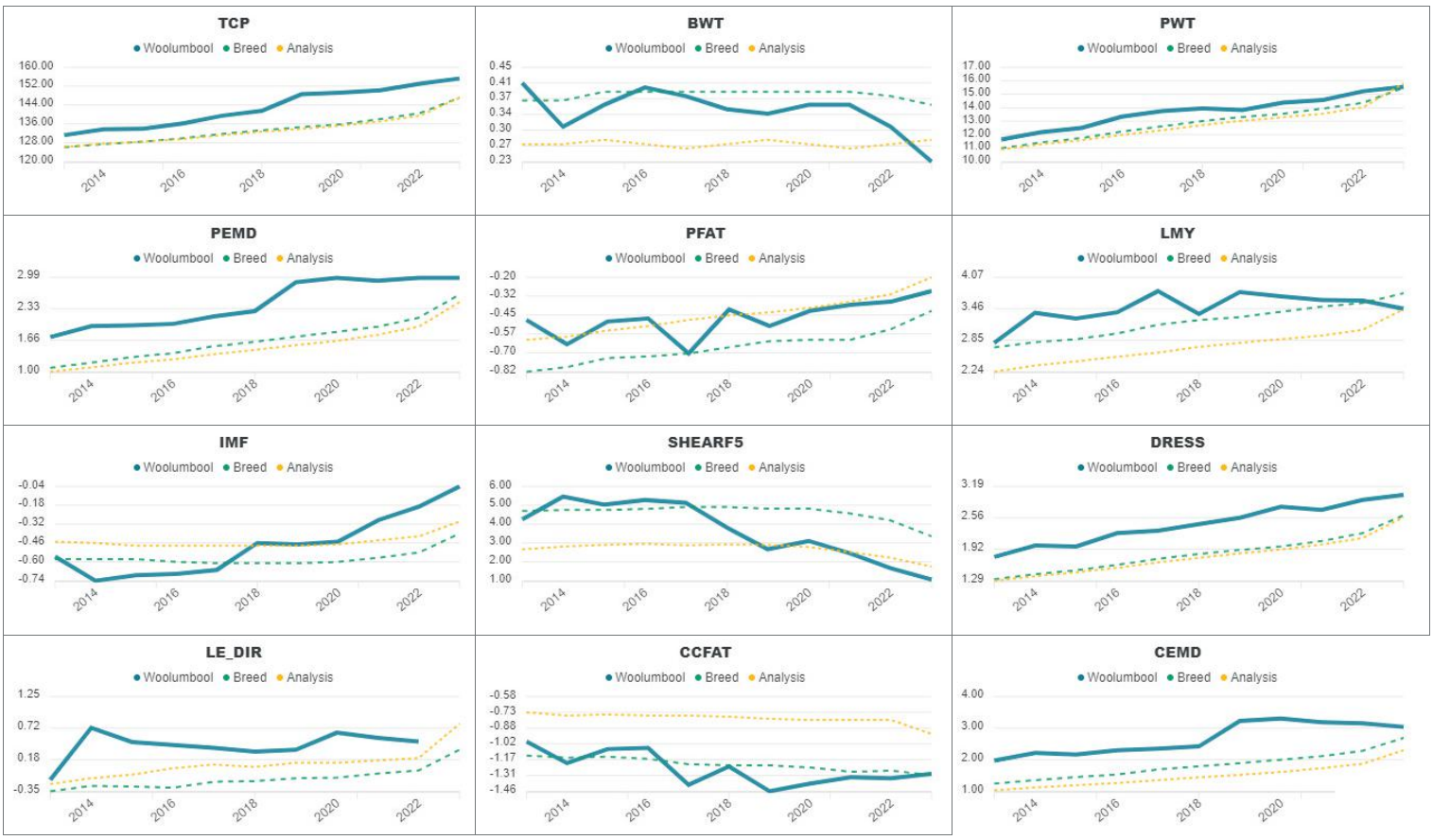
Analysis Date: 1/09/23

Band	MCP+	BWT	PWT	AWT	PFAT	PEMD	PWEC	YGFW	YFD	LMY	IMF	SHEARF5
1	187.16	-0.1	18.43	20.49	1.46	3.28	-78.87	20.11	-4.78	7.53	0.27	-1.44
5	179.58	0.08	16.52	17.9	0.87	2.72	-69.22	14.19	-3.15	6.65	0.09	-0.22
10	174.94	0.15	15.48	16.66	0.58	2.44	-63.03	11.3	-1.04	6.14	-0.01	0.45
20	167.76	0.23	14.35	15.27	0.26	2.09	-54.34	8.33	-0.15	5.54	-0.14	1.34
30	162	0.29	13.5	14.28	0.05	1.81	-47.34	5.96	0.22	5.13	-0.25	2.03
40	156.42	0.34	12.73	13.43	-0.12	1.57	-41.39	3.88	0.48	4.76	-0.35	2.64
50	150.82	0.39	11.92	12.63	-0.29	1.32	-35.5	1.67	0.71	4.38	-0.44	3.18
60	144.24	0.44	11.03	11.8	-0.45	1.05	-29.48	-0.55	0.94	3.9	-0.53	3.65
70	133.67	0.49	9.89	10.92	-0.62	0.74	-22.81	-3.12	1.19	2.85	-0.61	4.11
80	124.21	0.55	8.47	9.8	-0.83	0.38	-14.33	-6.21	1.5	1.88	-0.7	4.63
90	113.46	0.63	6.58	8.11	-1.15	-0.09	-2.15	-11.87	1.98	1.22	-0.83	5.35

GENETIC TRENDS

TERMINAL - POLL DORSET

Flock Code: 162248 | Analysis Date: 15/08/2023



Year	TCP	BWT	PWT	PEMD	PFAT	LMY	IMF	SHEARF5	DRESS	LE_DIR	CCFAT	CEMD
2013	126.09	0.37	10.99	1.08	-0.82	2.71	-0.58	4.70	1.32	-0.35	-1.13	1.24
2014	127.45	0.37	11.43	1.19	-0.79	2.81	-0.58	4.75	1.42	-0.26	-1.15	1.35
2015	128.48	0.39	11.75	1.31	-0.73	2.87	-0.58	4.75	1.50	-0.27	-1.14	1.45
2016	129.90	0.39	12.23	1.39	-0.72	2.98	-0.60	4.81	1.61	-0.29	-1.16	1.53
2017	131.75	0.39	12.82	1.54	-0.70	3.15	-0.61	4.91	1.73	-0.19	-1.21	1.69
2018	133.29	0.39	13.01	1.63	-0.66	3.24	-0.61	4.91	1.83	-0.18	-1.22	1.78
2019	134.84	0.39	13.31	1.74	-0.62	3.30	-0.61	4.82	1.91	-0.13	-1.22	1.89
2020	135.85	0.39	13.55	1.84	-0.61	3.40	-0.60	4.82	1.98	-0.12	-1.24	2.00
2021	138.04	0.39	13.94	1.95	-0.61	3.50	-0.57	4.57	2.09	-0.05	-1.28	2.11
2022	140.61	0.38	14.37	2.14	-0.54	3.57	-0.53	4.20	2.25	-0.00	-1.27	2.28
2023	147.13	0.36	15.48	2.63	-0.42	3.76	-0.39	3.35	2.61	0.35	-1.31	2.69

Year	TCP	BWT	PWT	PEMD	PFAT	LMY	IMF	SHEARF5	DRESS	LE_DIR	CCFAT	CEMD
2013	131.21	0.41	11.84	1.73	-0.48	2.80	-0.56	4.28	1.77	-0.16	-1.00	1.97
2014	133.71	0.31	12.18	1.98	-0.84	3.38	-0.74	5.48	2.00	0.72	-1.20	2.21
2015	133.99	0.36	12.50	1.98	-0.49	3.27	-0.70	5.04	1.98	0.48	-1.07	2.16
2016	136.18	0.40	13.34	2.01	-0.47	3.39	-0.68	5.28	2.25	0.43	-1.06	2.30
2017	139.48	0.38	13.76	2.17	-0.70	3.80	-0.66	5.13	2.30	0.38	-1.40	2.35
2018	141.52	0.35	13.94	2.28	-0.41	3.36	-0.46	3.82	2.43	0.32	-1.23	2.42
2019	148.55	0.34	13.84	2.89	-0.52	3.78	-0.47	2.67	2.56	0.35	-1.46	3.23
2020	149.30	0.36	14.37	2.98	-0.42	3.70	-0.45	3.11	2.78	0.64	-1.39	3.30
2021	150.23	0.36	14.57	2.92	-0.38	3.63	-0.29	2.48	2.72	0.55	-1.33	3.19
2022	153.08	0.31	15.23	2.98	-0.36	3.62	-0.19	1.66	2.92	0.49	-1.34	3.15
2023	155.25	0.23	15.56	2.98	-0.29	3.46	-0.04	1.06	3.02		-1.30	3.04

Year	TCP	BWT	PWT	PEMD	PFAT	LMY	IMF	SHEARF5	DRESS	LE_DIR	CCFAT	CEMD
2013	126.31	0.27	10.91	1.00	-0.61	2.24	-0.45	2.66	1.29	-0.23	-0.73	1.03
2014	127.59	0.27	11.29	1.09	-0.59	2.36	-0.46	2.81	1.38	-0.13	-0.76	1.12
2015	128.53	0.28	11.59	1.19	-0.55	2.44	-0.48	2.90	1.46	-0.07	-0.75	1.19
2016	129.55	0.27	11.98	1.26	-0.52	2.53	-0.48	2.96	1.55	0.04	-0.76	1.26
2017	131.20	0.26	12.33	1.37	-0.48	2.61	-0.48	2.88	1.66	0.10	-0.76	1.35
2018	132.69	0.27	12.71	1.46	-0.45	2.72	-0.48	2.92	1.75	0.06	-0.77	1.44
2019	133.92	0.28	13.04	1.56	-0.43	2.80	-0.48	2.90	1.84	0.13	-0.79	1.52
2020	135.26	0.27	13.29	1.65	-0.40	2.87	-0.47	2.79	1.92	0.13	-0.80	1.61
2021	137.08	0.26	13.56	1.78	-0.36	2.94	-0.44	2.52	2.02	0.17	-0.80	1.73
2022	139.48	0.27	14.04	1.95	-0.31	3.05	-0.41	2.22	2.15	0.21	-0.80	1.87
2023	147.11	0.28	15.81	2.47	-0.20	3.45	-0.30	1.75	2.57	0.79	-0.93	2.30

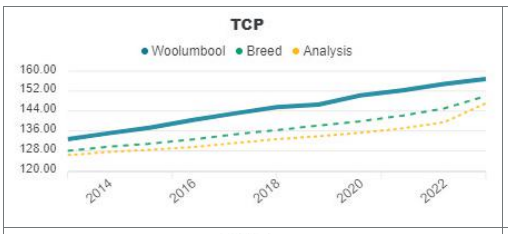
WOOLUMBOOL STUDS

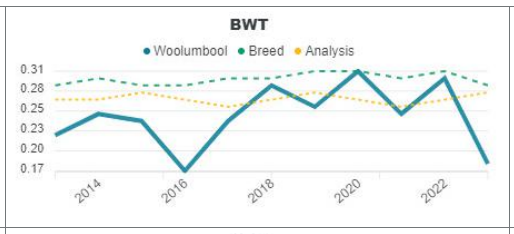
Poll Dorset • White Suffolk • Multi-Meat

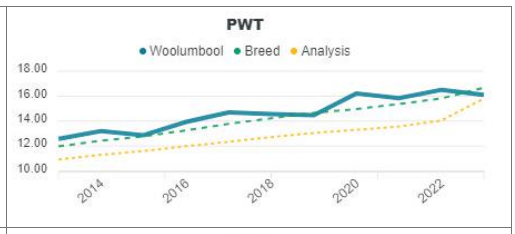
GENETIC TRENDS

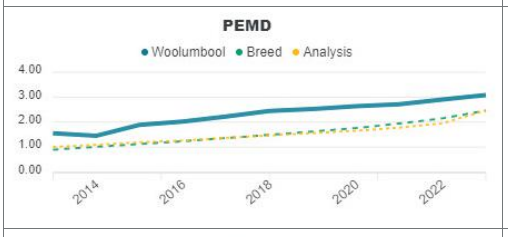
TERMINAL - WHITE SUFFOLK

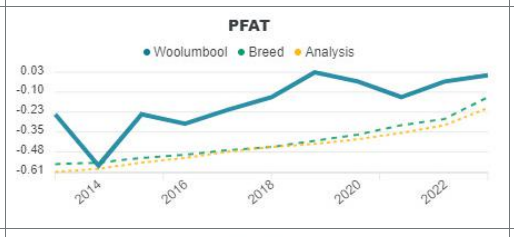
Flock Code: 230026 | Analysis Date: 15/08/2023

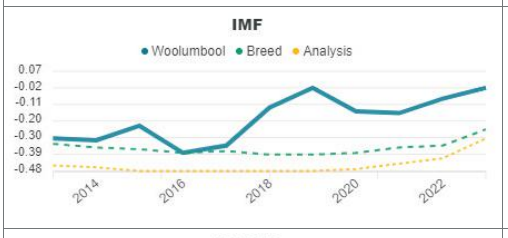


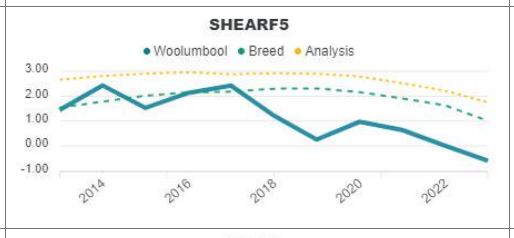


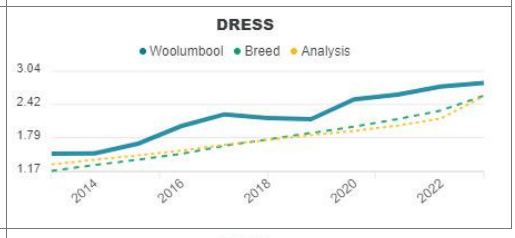


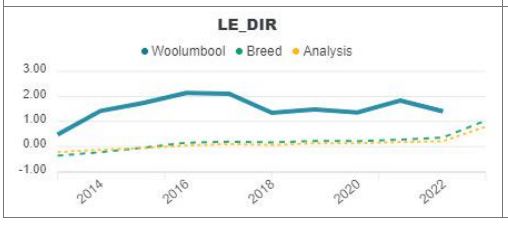


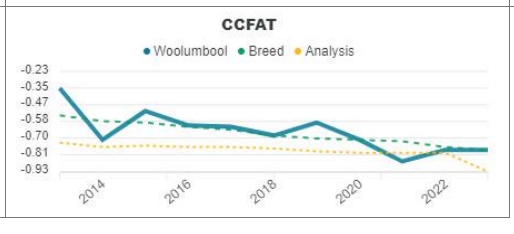


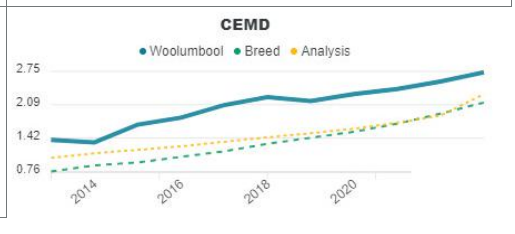












Year	TCP	BWT	PWT	PEMD	PFAT	LMY	IMF	SHEARF5	DRESS	LE_DIR	CCFAT	CEMD
2013	128.07	0.29	11.96	0.89	-0.56	2.14	-0.33	1.54	1.17	-0.37	-0.54	0.76
2014	129.75	0.30	12.43	1.01	-0.55	2.32	-0.35	1.78	1.28	-0.23	-0.58	0.88
2015	130.92	0.29	12.77	1.12	-0.52	2.45	-0.36	2.02	1.38	-0.05	-0.59	0.94
2016	132.65	0.29	13.25	1.23	-0.50	2.60	-0.38	2.15	1.49	0.15	-0.62	1.05
2017	134.84	0.30	13.77	1.38	-0.47	2.74	-0.37	2.18	1.84	0.19	-0.64	1.16
2018	136.39	0.30	14.22	1.49	-0.45	2.89	-0.39	2.30	1.76	0.16	-0.68	1.31
2019	138.16	0.31	14.85	1.62	-0.41	3.03	-0.39	2.31	1.88	0.22	-0.70	1.43
2020	139.91	0.31	14.96	1.76	-0.37	3.11	-0.38	2.18	2.00	0.21	-0.71	1.55
2021	142.15	0.30	15.36	1.94	-0.31	3.20	-0.35	1.91	2.14	0.27	-0.72	1.71
2022	145.03	0.31	15.81	2.15	-0.27	3.35	-0.34	1.63	2.30	0.36	-0.76	1.91
2023	150.04	0.29	16.67	2.46	-0.13	3.44	-0.25	1.01	2.58	1.04	-0.78	2.13

Year	TCP	BWT	PWT	PEMD	PFAT	LMY	IMF	SHEARF5	DRESS	LE_DIR	CCFAT	CEMD
2013	132.74	0.22	12.57	1.55	-0.24	2.04	-0.30	1.45	1.49	0.47	-0.35	1.39
2014	135.12	0.25	13.19	1.45	-0.57	2.54	-0.31	2.43	1.50	1.42	-0.71	1.34
2015	137.45	0.24	12.86	1.89	-0.24	2.39	-0.23	1.53	1.68	1.74	-0.51	1.69
2016	140.44	0.17	13.93	2.02	-0.30	2.69	-0.38	2.13	2.01	2.14	-0.61	1.83
2017	143.06	0.24	14.89	2.22	-0.21	2.92	-0.34	2.43	2.23	2.11	-0.62	2.08
2018	145.58	0.29	14.55	2.45	-0.13	3.03	-0.13	1.22	2.16	1.35	-0.88	2.24
2019	146.57	0.26	14.46	2.52	0.03	2.88	-0.02	0.26	2.14	1.48	-0.59	2.16
2020	150.31	0.31	16.20	2.64	-0.03	3.37	-0.15	0.97	2.51	1.36	-0.71	2.30
2021	152.33	0.25	15.84	2.71	-0.13	3.53	-0.16	0.64	2.60	1.83	-0.86	2.40
2022	154.83	0.30	16.51	2.90	-0.03	3.47	-0.08	0.01	2.75	1.40	-0.78	2.55
2023	156.90	0.18	16.10	3.08	0.01	3.53	-0.02	-0.59	2.82		-0.78	2.73

Year	TCP	BWT	PWT	PEMD	PFAT	LMY	IMF	SHEARF5	DRESS	LE_DIR	CCFAT	CEMD
2013	126.31	0.27	10.91	1.00	-0.61	2.24	-0.45	2.66	1.29	-0.23	-0.73	1.03
2014	127.59	0.27	11.29	1.09	-0.59	2.36	-0.46	2.81	1.38	-0.13	-0.76	1.12
2015	128.53	0.28	11.59	1.19	-0.55	2.44	-0.48	2.90	1.46	-0.07	-0.75	1.19
2016	129.55	0.27	11.98	1.26	-0.52	2.53	-0.48	2.96	1.55	0.04	-0.76	1.26
2017	131.20	0.26	12.33	1.37	-0.48	2.61	-0.48	2.88	1.66	0.10	-0.76	1.35
2018	132.69	0.27	12.71	1.48	-0.45	2.72	-0.48	2.92	1.75	0.06	-0.77	1.44
2019	133.92	0.28	13.04	1.56	-0.43	2.80	-0.48	2.90	1.84	0.13	-0.79	1.52
2020	135.26	0.27	13.29	1.65	-0.40	2.87	-0.47	2.79	1.92	0.13	-0.80	1.61
2021	137.08	0.28	13.56	1.78	-0.36	2.94	-0.44	2.52	2.02	0.17	-0.80	1.73
2022	139.48	0.27	14.04	1.95	-0.31	3.05	-0.41	2.22	2.15	0.21	-0.80	1.87
2023	147.11	0.28	15.81	2.47	-0.20	3.45	-0.30	1.75	2.57	0.79	-0.93	2.30

WOOLUMBOOL STUDS

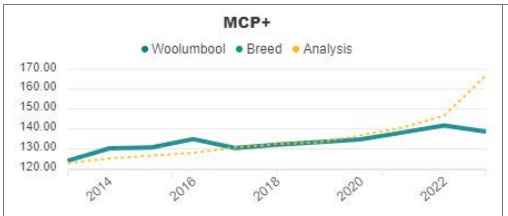
Poll Dorset • White Suffolk • Multi-Meat

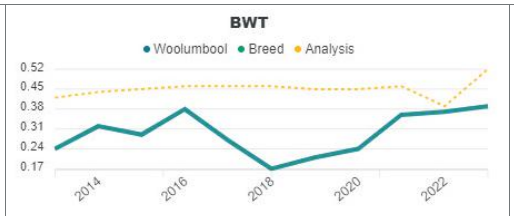
Reports are prepared using data supplied by breeders and/or accredited operators. We cannot guarantee the accuracy of this data. ASBV's are designed to estimate genetic merit of animals from the data supplied. The reports are provided to assist breeders but no liability is accepted for the outcome resulting from the use of this information.

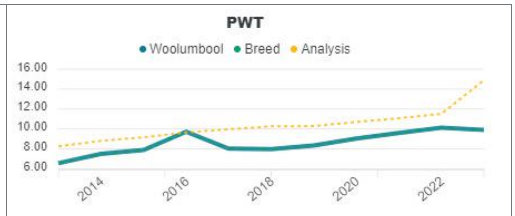
GENETIC TRENDS

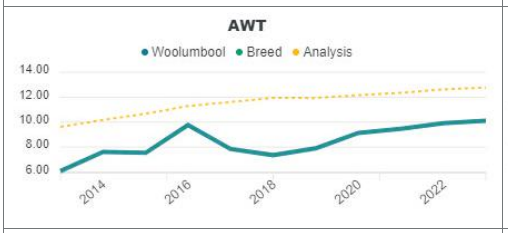
MATERNAL - MULTI-MEAT COMPOSITES

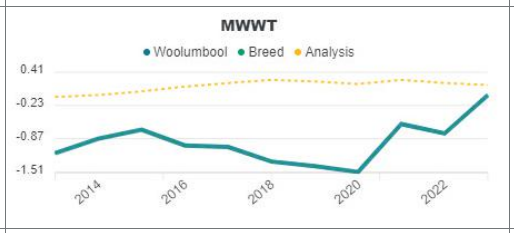
Flock Code: 390003 | Analysis Date: 15/08/2023

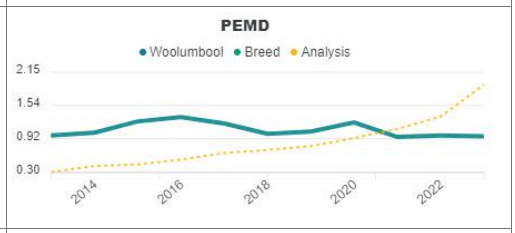


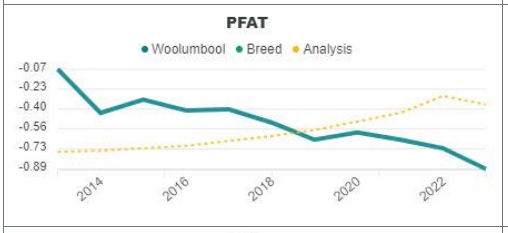


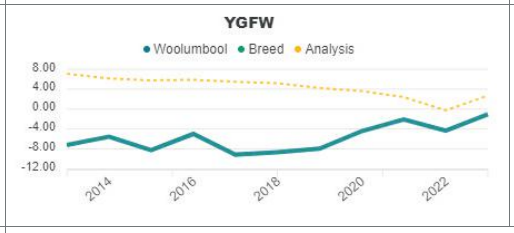


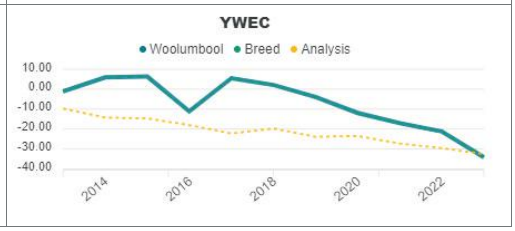


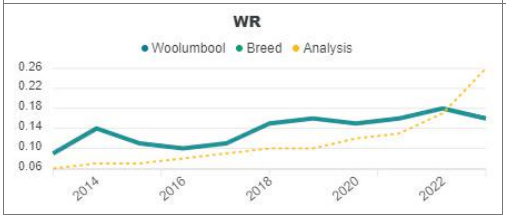












Year	MCP+	BWT	PWT	AWT	MWWT	PEMD	PFAT	YGFW	YWEC	WR
2013	124.06	0.24	6.57	6.07	-1.15	0.98	-0.07	-7.19	-1.08	0.09
2014	130.33	0.32	7.51	7.61	-0.87	1.03	-0.43	-5.56	5.95	0.14
2015	130.74	0.29	7.89	7.53	-0.70	1.24	-0.32	-8.26	6.30	0.11
2016	134.91	0.38	9.71	9.76	-1.00	1.32	-0.41	-4.98	-11.08	0.10
2017	130.43	0.27	8.03	7.84	-1.03	1.20	-0.40	-9.13	5.51	0.11
2018	132.15	0.17	7.98	7.35	-1.31	1.01	-0.51	-8.67	2.08	0.15
2019	133.41	0.21	8.35	7.89	-1.40	1.05	-0.65	-7.93	-3.87	0.16
2020	134.72	0.24	9.04	9.13	-1.51	1.22	-0.59	-4.45	-11.92	0.15
2021	138.22	0.36	9.60	9.47	-0.59	0.95	-0.65	-2.06	-17.04	0.18
2022	141.80	0.37	10.14	9.91	-0.77	0.98	-0.72	-4.35	-21.19	0.18
2023	138.65	0.39	9.92	10.12	-0.03	0.96	-0.89	-1.01	-34.19	0.16

Year	MCP+	BWT	PWT	AWT	MWWT	PEMD	PFAT	YGFW	YWEC	WR
2013	124.06	0.24	6.57	6.07	-1.15	0.98	-0.07	-7.19	-1.08	0.09
2014	130.33	0.32	7.51	7.61	-0.87	1.03	-0.43	-5.56	5.95	0.14
2015	130.74	0.29	7.89	7.53	-0.70	1.24	-0.32	-8.26	6.30	0.11
2016	134.91	0.38	9.71	9.76	-1.00	1.32	-0.41	-4.98	-11.08	0.10
2017	130.43	0.27	8.03	7.84	-1.03	1.20	-0.40	-9.13	5.51	0.11
2018	132.15	0.17	7.98	7.35	-1.31	1.01	-0.51	-8.67	2.08	0.15
2019	133.41	0.21	8.35	7.89	-1.40	1.05	-0.65	-7.93	-3.87	0.16
2020	134.72	0.24	9.04	9.13	-1.51	1.22	-0.59	-4.45	-11.92	0.15
2021	138.22	0.36	9.60	9.47	-0.59	0.95	-0.65	-2.06	-17.04	0.18
2022	141.80	0.37	10.14	9.91	-0.77	0.98	-0.72	-4.35	-21.19	0.18
2023	138.65	0.39	9.92	10.12	-0.03	0.96	-0.89	-1.01	-34.19	0.16

Year	MCP+	BWT	PWT	AWT	MWWT	PEMD	PFAT	YGFW	YWEC	WR
2013	122.80	0.42	8.27	9.62	-0.07	0.30	-0.75	7.11	-9.73	0.08
2014	125.25	0.44	8.81	10.17	-0.03	0.41	-0.74	6.14	-14.22	0.07
2015	126.61	0.45	9.18	10.67	0.04	0.44	-0.72	5.78	-14.65	0.07
2016	128.01	0.46	9.65	11.29	0.13	0.53	-0.70	5.88	-18.03	0.08
2017	130.62	0.48	9.97	11.61	0.20	0.65	-0.68	5.49	-22.23	0.09
2018	132.49	0.48	10.26	11.94	0.26	0.71	-0.62	5.18	-19.73	0.10
2019	133.26	0.45	10.29	11.93	0.23	0.78	-0.57	4.24	-23.90	0.10
2020	136.72	0.45	10.70	12.16	0.18	0.93	-0.50	3.62	-23.49	0.12
2021	140.88	0.48	11.08	12.35	0.26	1.10	-0.43	2.42	-27.28	0.13
2022	148.65	0.39	11.52	12.62	0.20	1.33	-0.29	-0.26	-29.57	0.17
2023	166.83	0.52	14.89	12.77	0.16	1.92	-0.36	2.72	-32.57	0.28

WOOLUMBOOL STUDS

Poll Dorset • White Suffolk • Multi-Meat

48 POLL DORSET FLOCK RAMS

										EATING QUALITY TRAITS					
LOT	TAG ID	BORN	BT	BWT	WWT	PWT	AWT	PFAT	PEMD	PWEC	TCP	LEQ	LMY	IMF	SF5	PURCH/PRICE
1	221383	Winter	1	0.31	8.48	13.74	16.26	-0.52	3.61	-20.74	154.5	153.9	3.75	-0.16	0.36	
2	221392	Winter	1	0.34	10.15	14.95	17.86	0.2	2.55	-15.06	150.8	153	2.75	0.13	0.23	
3	221443	Winter	1	0.31	10.15	17.1	22.03	-0.13	3	-49.85	154.6	156.1	3.7	-0.19	1.56	
4	221404	Winter	2	0.43	12.17	17.52	21.61	0.11	3.94	-4	155	148.1	4.63	-0.56	6	
5	221437	Winter	2	0.35	10.44	16.58	21.52	-0.21	3.14	-13.5	152.4	148.5	3.74	-0.38	2.4	
6	221373	Winter	3	0.27	9.83	16.82	20.26	-0.01	3.45	-51.46	157.9	158.0	3.54	-0.32	1.01	
7	221429	Winter	1	0.44	10.24	15.86	19.66	0.28	2.66	-4.72	147.7	141.7	3.05	-0.49	2.03	
8	221445	Winter	1	0.25	8.4	13.53	17.32	-0.11	3.76	-33.42	157.1	158.5	3.2	-0.06	-0.63	
9	221408	Winter	2	0.29	9.36	14.9	17.44	-0.52	3.3	-21.97	151.6	149.2	4.06	-0.34	2.13	
10	221446	Winter	1	0.32	9.65	14.91	18.71	-0.45	3.18	-32.66	153.9	153.7	4.24	-0.2	1.18	
11	221401	Winter	1	0.21	7.93	13.46	15.28	-0.53	3.44	-46.84	151.6	154.3	3.73	-0.08	-0.43	
12	221425	Winter	3	0.3	9.79	15.6	19.68	0.21	3.34	-20.83	151.3	148.2	3.53	-0.37	2.54	
13	221453	Winter	1	0.32	7.89	12.31	14.58	-0.69	2.99	-43.7	145	147.2	3.55	-0.1	0.26	
14	221438	Winter	2	0.28	9.96	15.98	20.13	-0.17	3.11	-22.68	151.5	149.1	3.52	-0.32	2.06	
15	221378	Winter	2	0.14	8.71	14.37	14.66	0.14	3.85	-41.67	151.6	150.8	4.19	-0.35	2.26	
16	221442	Winter	1	0.08	9.03	15.28	19.6	0.12	3.61	-47.48	156.3	157.6	3.29	-0.18	0.93	
17	221382	Winter	1	0.15	8.55	12.97	15.77	0.11	3.4	22.62	152.4	149.2	2.97	-0.06	0.25	
18	221455	Winter	2	0.1	8.22	13.71	16.29	-0.75	4.48	0.99	164.1	160.1	5.09	-0.29	1.97	
19	221365	Winter	2	0.29	9.51	15.08	18.78	-0.43	2.91	25.37	152.3	145.6	3.24	-0.34	1.89	
★20	221428	Winter	1	0.22	9.92	16.37	20.36	-0.45	3.51	-35.06	157.3	155.8	4.48	-0.34	1.01	
21	221693	Spring	2	0.38	12.91	19.27	22.66	-0.49	2.59	-33.68	155.4	153.6	4.58	-0.35	4.87	
22	221415	Winter	2	0.32	9.23	13.69	18.02	-0.23	4	23.86	157.7	151.9	3.87	-0.27	1.62	
23	221705	Spring	1	0.27	11.57	17.98	24.01	-0.92	2.17	-15.2	158.5	158.3	3.83	-0.08	1.87	
24	221920	Spring	3	0.37	11.29	16.31	21.2	-0.16	2.28	-17.34	147.9	146	3.38	-0.25	2.69	
25	221417	Winter	2	0.23	9.09	14.84	18	-0.16	3.89	-45.38	157.2	157.4	3.92	-0.26	1.14	
26	221407	Winter	2	0.29	8.17	12.84	14.31	-0.28	3.34	-0.45	147	144.2	3.42	-0.21	1.36	
27	221731	Spring	2	0.46	9.98	15.97	18.7	-0.48	4.2	-44.3	167.9	165.4	4.45	-0.49	-0.14	
28	221874	Spring	2	0.37	10.49	15.36	19.43	-0.35	2.14	5.12	142.6	138.7	3.23	-0.26	3.6	
29	221784	Spring	2	0.29	11.71	18.52	25.29	-0.84	1.99	3.98	155.5	153.8	3.52	-0.07	2.31	
30	221947	Spring	2	0.36	11.54	18	22.38	-0.16	1.92	-12.6	149.8	149.3	3.13	-0.09	2.38	
31	221448	Winter	1	0.61	11.21	17.02	21.41	-0.4	2.74	-11.08	154.1	153.6	3.92	-0.07	1.45	

TOP 10% TOP 20% ★ STAR LOT

48 POLL DORSET FLOCK RAMS

LOT	TAG ID	BORN	BT	BWT	WWT	PWT	AWT	PFAT	PEMD	PWEC	EATING QUALITY TRAITS TCP	LEQ	LMY	IMF	SF5	PURCH/PRICE
32	221759	Spring	1	0.54	9.48	14.24	17.51	-0.43	3.32	-38.03	154.5	153.8	4.03	-0.28	1.27	
33	221825	Spring	2	0.13	10.97	16.8	21.26	-0.43	2.73	-36.22	154.5	155.1	3.67	-0.16	2.64	
34	221901	Spring	2	0.25	11.27	17.4	20.81	-0.69	2.39	-23.05	156.2	154.7	4.23	-0.26	3.29	
35	221381	Winter	1	0.02	7.19	11.11	16.77	0.58	3.96	-38.67	148.3	151.7	2.27	0.07	-0.91	
36	221791	Spring	2	0.43	11.91	18.57	24.56	-0.59	3.07	-16.66	159.1	155.9	4.54	-0.34	2.42	
37	221806	Spring	2	0.45	10.57	16.75	21.88	0.35	2.69	-11.03	146.6	145.8	2.65	-0.1	2.73	
38	221762	Spring	3	0.39	10.09	15.7	22.12	-0.7	2.66	-17.6	157.4	158.4	3.53	0.02	0.46	
39	221720	Spring	2	0.21	8.96	15	18.27	-0.17	3.7	-29	154.3	151.8	3.65	-0.37	0.8	
40	221755	Spring	2	0.13	9.46	16.44	22.49	-0.41	2.44	-30.57	156.6	159.5	2.76	0.07	-0.81	
41	221870	Spring	2	0.3	11.17	16.89	21.68	-1.15	1.65	-9.47	154.3	154.8	3.9	0.01	1.6	
42	221831	Spring	2	0.29	11	17.62	20.3	-0.03	2.38	-6.62	151.9	150.9	3.54	-0.09	2.83	
43	221905	Spring	2	0.23	9.35	15.61	19.84	-0.59	2.31	-7.6	151.5	149.8	3.16	-0.16	1.57	
44	221738	Spring	2	0.34	9.99	15.76	19.94	-0.8	1.87	-29.03	150.6	150.8	3.29	-0.15	1.77	
45	221807	Spring	2	0.37	9.47	14.93	19.21	0.21	2.29	25.18	142.9	141.2	2.44	0.08	1.72	
46	221841	Spring	2	0.32	10.36	16.33	20.95	-0.54	2.13	-12.63	152.2	152.7	3.33	0	1.04	
47	221768	Spring	2	0.36	11.31	17.68	21.75	-0.39	2.43	-35.41	151.1	149.6	3.99	-0.34	3.6	
★ 48	221932	Spring	1	0.29	10.81	17.01	20.84	-0.05	2.43	-12.66	152.6	157.3	2.77	0.36	0.21	

52 WHITE SUFFOLK FLOCK RAMS

LOT	TAG ID	BORN	BT	BWT	WWT	PWT	AWT	PFAT	PEMD	PWEC	EATING QUALITY TRAITS TCP	LEQ	LMY	IMF	SF5	PURCH/PRICE
49	221586	Winter	1	0.3	10.44	16.27	20.25	-0.4	2.27	-70.22	152.2	161.3	3	0.35	-1.04	
50	221590	Winter	1	0.23	9.7	16.13	18.03	0.36	3.39	-67.79	154.9	160.6	2.85	0.07	-0.39	
★ 51	221559	Winter	2	0.28	10.09	17.11	18.57	0.11	4.06	-48.36	166.9	171.5	3.77	0.11	-1.56	
52	221591	Winter	2	0.2	10.29	16.39	19.66	-0.07	2.97	-68.33	154.9	162.4	3.04	0.23	-0.6	
53	221551	Winter	1	0.11	10.7	17.43	21.25	-0.26	2.95	-49.2	160.1	164.9	3.31	0.12	-0.77	
54	221490	Winter	2	0.16	10.81	17.7	19.83	0.09	2.95	-63.1	157.8	163.3	3.43	0.08	0.58	
★ 55	221504	Winter	2	0.07	9.42	15.6	20.11	0.74	3.51	-72.28	158.8	166.6	2.12	0.22	-2.75	
★ 56	221503	Winter	2	0.26	10.93	17.92	22.35	0.08	3.02	-75.24	160.1	166.4	3.05	0.07	-0.71	
57	221562	Winter	2	0.38	11.53	18.19	19.3	-0.47	2.87	-62.44	160	161.8	4.72	-0.25	1.31	
58	221485	Winter	2	0.22	11.7	19.39	23.08	0.05	2.49	-64.81	156.4	161.3	3.24	0.01	1.18	

TOP 10% TOP 20% ★ STAR LOT

52 WHITE SUFFOLK FLOCK RAMS

										EATING QUALITY TRAITS					
LOT	TAG ID	BORN	BT	BWT	WWT	PWT	AWT	PFAT	PEMD	PWEC	TCP	LEQ	LMY	IMF	SF5	PURCH/PRICE
59	221480	Winter	1	0.22	8.76	14.71	15.54	0.59	3.46	-73.26	154.3	162.5	2.31	0.26	-1.43	
60	221536	Winter	2	0.17	10.81	17.22	21.14	-0.23	2.83	-64.72	157.3	163.8	3.29	0.16	-0.32	
61	221532	Winter	2	0.36	10.58	17.03	19.28	-0.29	2.74	-70.32	157.2	162.3	3.41	-0.01	0.38	
62	221498	Winter	2	0.24	12.28	19.53	22.79	-0.16	3.3	-43.06	163	165.3	4.18	-0.03	1.02	
63	221541	Winter	2	0.24	11.53	18.12	22.04	0.08	2.86	-60.36	158.3	163.8	3.37	0.09	0.52	
64	221576	Winter	2	0.21	10.55	17.11	20.84	-0.36	2.15	-64.07	152.4	159	2.99	0.18	-0.3	
65	221543	Winter	2	0.24	11.6	17.97	19.79	-0.11	2.25	-28.93	152.2	154.3	3.67	0.05	1.72	
66	221564	Winter	2	0.08	10.59	16.77	21.27	-0.12	3.21	-64.72	157.0	162.1	3.54	0.04	0.25	
67	221497	Winter	2	0.2	12.55	18.36	20.77	-0.69	2.69	-67.95	159.4	160.9	5.28	-0.32	2.71	
68	221558	Winter	2	0.42	11.98	18.61	20.77	0.22	3.46	-42.93	160	159.2	3.86	-0.31	0.16	
69	221524	Winter	2	0.09	11	17.42	20.29	0.06	2.08	-24.86	153.6	158.3	2.83	0.31	-0.05	
70	221514	Winter	2	0.34	10.45	16.81	18.37	-0.02	3.04	-37.69	156.7	158.5	3.7	-0.06	0.33	
71	221584	Winter	2	0.23	10.32	16.27	19.43	-0.25	3.06	-55.58	155.3	158.3	3.88	-0.09	0.04	
72	221545	Winter	1	0.38	11.21	17.59	18.87	-0.32	3.73	-44.49	163.6	166.5	4.47	-0.01	-1.11	
73	221472	Winter	2	0.02	8.63	14.44	17.7	0.51	2.14	-50.16	144.4	153.3	1.48	0.48	-1.18	
★ 74	221581	Winter	2	0.27	11.76	18.09	20.13	-0.02	3.23	-39.05	165.1	169.5	4.1	0.16	-1.97	
75	221553	Winter	2	0.1	9.73	16.03	18.05	0.02	2.76	-31.8	157.3	164.6	2.99	0.47	-1.49	
76	221525	Winter	2	0.01	9.77	15.85	19.79	0.23	2.37	-20.94	152.6	157.7	2.41	0.38	-1.4	
77	221983	Spring	1	0.21	11.39	17.59	19.98	0.22	2.83	-52.5	155.1	154.7	3.11	-0.35	0.52	
78	221471	Winter	2	0.09	9.51	14.71	16.99	0.39	2.37	-53.2	146.5	154.1	2.28	0.35	-0.01	
79	222002	Spring	2	0.49	10.99	16.76	18.48	-0.05	2.69	-67.91	156.1	161	3.3	0	-0.33	
80	222093	Spring	2	0.22	11.17	18.15	20.93	-0.18	3.59	-30.27	166.3	166.5	3.64	-0.14	-1.2	
81	222007	Spring	1	0.25	10.42	16.25	17.11	0.22	2.9	-37.17	154.4	155.8	3.72	-0.11	1.02	
82	222039	Spring	2	0.42	9.93	14.82	16.78	-0.06	1.6	-61.88	145.1	149.8	2.68	0	-0.26	
83	222118	Spring	1	0.37	11.36	17.73	19.79	0.41	2.86	-52.73	157.5	161.8	3.35	0.05	0.42	
84	222126	Spring	1	0.45	11.34	18.19	21.52	-0.03	3.06	-43.45	153.8	152.8	3.7	-0.33	1.6	
85	222026	Spring	2	0.31	9.39	13.58	15.98	0	3.36	-45.26	154.3	159.7	3.43	0.21	-2.34	
86	222161	Spring	1	0.41	11.25	18.13	21.91	0.05	2.68	-48.69	157.7	159.5	3.36	-0.13	-0.29	
87	222138	Spring	1	0.32	10.66	17.18	17.8	-0.32	1.85	-54.29	148.3	149.6	3.94	-0.23	2.28	
88	222107	Spring	2	0.4	10.61	16.03	16.86	-0.04	2.5	-46.99	154	156.6	3.57	-0.06	-0.25	
89	221546	Winter	2	0.35	11.2	16.53	16.27	-0.38	2.22	6.45	154	151.8	4.31	-0.09	0.97	

TOP 10% TOP 20% ★ STAR LOT

52 WHITE SUFFOLK FLOCK RAMS

EATING QUALITY TRAITS

LOT	TAG ID	BORN	BT	BWT	WWT	PWT	AWT	PFAT	PEMD	PWEC	TCP	LEQ	LMY	IMF	SF5	PURCH/PRICE
90	222034	Spring	1	0.27	12.27	19.24	22.44	-0.32	3.88	-49.41	165.0	160.1	5.13	-0.74	1.64	
91	222019	Spring	1	0.29	11.08	17.01	19.61	0.12	3.04	-18.82	156.1	155.3	3.63	-0.13	-0.36	
92	222081	Spring	2	0.24	9.97	15.88	18.67	0.11	3.19	-16.4	153.6	154.4	3.15	0.02	-0.75	
93	222064	Spring	1	0.38	10.69	15.6	17.37	-0.23	2.11	-56.49	149.5	154.4	3.21	0.07	0.62	
94	222028	Spring	3	0.44	11.16	16.7	18.84	-0.29	2.72	-49.83	155.4	156.5	3.83	-0.2	1.33	
95	222089	Spring	1	0.27	11.12	17.29	20.48	-0.67	2.74	-34.57	156.5	152.3	4.85	-0.59	1.35	
96	222085	Spring	1	0.25	9.6	14.33	16.95	0.15	3.47	2.95	151.5	149.4	3.36	-0.08	0.18	
97	221961	Spring	2	0.29	11.52	17.17	21.73	-0.43	2.66	-40.97	152.5	150.8	4.21	-0.39	1.71	
98	222065	Spring	2	0.2	11.94	19.35	21.88	0.01	2.22	-54.16	154	154.7	3.65	-0.27	3.02	
99	222105	Spring	2	0.67	14.52	21.68	24.44	-0.91	1.81	-24.92	162	157.7	4.83	-0.5	1.26	
100	222041	Spring	2	0.33	10.78	16.89	18.2	0.08	3.12	-60.86	157.2	159	3.77	-0.24	0.83	

4 WHITE SUFFOLK FLOCK RAMS

LUCINDALE AREA SCHOOL

EATING QUALITY TRAITS

LOT	TAG ID	BORN	BT	BWT	WWT	PWT	AWT	PFAT	PEMD	PWEC	TCP	LEQ	LMY	IMF	SF5	PURCH/PRICE
101	LUCINDALE SCHOOL RAMS- INFORMATION AVAILABLE ON SALE DAY															
102	LUCINDALE SCHOOL RAMS- INFORMATION AVAILABLE ON SALE DAY															
103	LUCINDALE SCHOOL RAMS- INFORMATION AVAILABLE ON SALE DAY															
104	LUCINDALE SCHOOL RAMS- INFORMATION AVAILABLE ON SALE DAY															

TOP 10% TOP 20% STAR LOT

40 MULTI-MEAT COMPOSITES FLOCK RAMS

HOMOZYGOTE

												EATING QUALITY TRAITS					
LOT	TAG ID	BORN	BT	BWT	PWT	AWT	PFAT	PEMD	PWEC	YGFW	YFD	MWP +	MCP +	LMY	IMF	SF5	PURCH/PRICE
105	222496	Winter	1	0.35	12.95	12.91	-0.78	1.23	12.41	1	0.27	182.9	148.4	5.11	-0.53	4.39	
106	222416	Winter	2	0.41	11.71	9.93	-0.12	1	-9.32	5.5	-1.32	190.2	154.4	4.15	-0.38	2.39	
107	222298	Winter	3	0.69	15.04	15.13	-1.07	0.8	1.09	8.29	1	199.7	160.5	5.54	-0.57	4.55	
108	222613	Winter	2	0.35	10.2	10.79	-0.76	0.44	-40.53	2.79	-3.93	181	133.7	4.51	-0.44	2.9	
109	222276	Winter	2	0.39	11.57	11.22	-0.86	0.98	1.68	-7.53	-1.5	186.1	148.9	5.62	-0.45	5.51	
110	222393	Winter	2	0.67	9.35	6.57	-0.83	0.57	-32.44	-6.57	-2.63	170.2	138.9	4.58	-0.51	2.68	
111	222279	Winter	2	0.31	9.65	10.58	-0.59	0.75	-26.85	-3.55	-4.48	180.8	132.6	4.04	-0.37	2.47	
112	222381	Winter	2	0.31	10.59	8.6	-0.98	0.91	-21.46	-8.78	-2.64	190.2	151.4	5.5	-0.49	5.88	
113	222383	Winter	2	0.68	13.62	14.16	-0.99	1.46	-71.31	-8.44		205.4	158.5	5.85	-0.56	4.02	
114	222451	Winter	3	0.46	10.38	10.53	-1.28	0.33	-7.3	-6.61	-2.65	181.2	141.9	5.44	-0.53	5.25	
115	222505	Winter	2	0.44	11.36	11.38	-0.77	1.05	0	-5.2	-1.22	186.3	150	4.56	-0.33	3.17	
116	222418	Winter	1	0.51	10.81	10.95	-1.27	0.3	7.55	-9.41	-1.92	173.8	137.4	5.1	-0.44	4.73	
117	222316	Winter	2	0.59	12.08	11	-1.75	0.87	-22.1	-10.17	-1.03	186.1	150.6	6.24	-0.62	6.05	
118	222374	Winter	3	0.28	9.09	8.4	-0.74	1.24	-23.12	-14.01	-2.98	177.2	141.7	4.58	-0.41	3.13	
119	222607	Winter	1	0.23	8.71	8.17	-0.26	0.95	-10.11	-6.62	-3.44	166.5	130.6	3.67	-0.34	1.23	
120	222376	Winter	1	0.22	9.5	10.38	-0.24	1.59	-46.7	-0.11	-4.49	189.7	143.0	4.69	-0.55	3.14	
121	222327	Winter	3	0.28	9.86	8.93	-0.6	1.35	-31.78	-3.36	-4.07	194.2	149.4	4.48	-0.43	2.77	
122	222560	Winter	2	0.43	11.78	13.65	-0.7	0.42	-27.74	-1.62	-1.9	180.6	136.7	4.26	-0.35	3.27	
123	222489	Winter	3	0.26	11.8	11.16	-0.42	1.32	-6.58	2.26	-0.44	191.5	156.6	4.54	-0.41	3.6	
124	222527	Winter	1	0.31	10.2	9.29	-0.59	1.01	-30.92	-7.77	-1.92	172	138.6	4.42	-0.41	2.7	
125	222366	Winter	3	0.6	13.34	14.4	-0.92	0.85	-39.55	-7.77		200	150.2	4.99	-0.53	4.53	
126	222547	Winter	2	0.48	12.05	12.55	-0.63	0.99	-35.23	15.17	-1.76	194.2	147.9	4.82	-0.52	3.38	
127	222338	Winter	2	0.42	11.46	12.07	-0.68	0.69	-12.65	20.42	-1.75	188.5	141.9	4.03	-0.39	1.81	
128	222565	Winter	3	0.76	13.16	13.36	-0.57	0.47	-19.37	3.17	-2.78	205.9	154.1	4.73	-0.35	4.03	
129	222573	Winter	5	0.72	13.52	13.19	-1.9	0.73	-24.88	-15.13		186.9	144.5	6.93	-0.7	5.88	
130	222447	Winter	3	0.39	9.34	9.53	-0.48	0.75	-61	1	-6.52	195.8	138.1	3.92	-0.42	1.3	
131	222485	Winter	3	0.37	11.19	9.88	-0.64	1.56	4.15	-16.15	-2.15	185.2	150.5	5.55	-0.56	4.7	
132	222328	Winter	3	0.23	9.97	8.7	-1	1.15	-28.59	-3.89	-4.28	196.5	150.7	4.8	-0.48	3	
133	222413	Winter	2	0.27	8.72	6.76	-0.71	1.3	41.56	0.86	-2.11	164.5	135.1	5.24	-0.59	3.46	
134	222262	Winter	5	0.31	10.79	9.83	-0.43	1.02	-30.76	-8.71	-1.2	179.2	147.2	4.04	-0.32	2.07	
135	222361	Winter	3	0.43	10.32	8.65	-0.89	0.56	-35.33	-9.87	-1.8	178	144.7	4.69	-0.39	3.7	

TOP 10% TOP 20% STAR LOT

40 MULTI-MEAT COMPOSITES FLOCK RAMS

HOMOZYGOTE

LOT	TAG ID	BORN	BT	BWT	PWT	AWT	PFAT	PEMD	PWEC	YGFW	YFD	MWP +	MCP +	EATING QUALITY TRAITS LMY	IMF	SF5	PURCH/PRICE
136	222455	Winter	1	0.43	10.28	10.41	-1.07	0.62	-3.87	-3.02	-1.67	174.5	139.5	4.98	-0.48	3.97	
137	222362	Winter	3	0.28	9.54	7.73	-0.86	0.61	-18.96	-10.62	-1.88	173.2	142.4	4.51	-0.36	3.39	
138	222434	Winter	4	0.23	9.12	8.56	-0.37	1.01	-43.33	-3.72	-3.42	187.2	147.4	4.19	-0.34	2.55	
139	222511	Winter	2	0.38	9.41	8.34	-0.49	1.34	-20.95	-4.47	-2.58	172.5	137.8	4.6	-0.4	3.03	
140	222568	Winter	4	0.43	9.85	5.91	-0.68	1.26	-11.9	-6.55	-2.7	181.1	147.1	5.25	-0.46	2.91	
141	222283	Winter	2	0.51	9.93	10.12	-1.16	0.59	23	-4.12	-1.58	170.9	138.1	4.88	-0.47	3.6	
142	222373	Winter	3	0.35	8.87	8.39	-0.99	1.14	-23.12	-13.61	-3	175.3	140	4.82	-0.47	3.3	
143	222529	Winter	5	0.41	13.38	13.18	-0.88	1.24	-28.68	-13.21	-0.64	187.5	150.2	5.56	-0.58	3.26	
144	222354	Winter	3	0.21	9.1	9.78	-0.81	0.21	-38.5	-6.17	-4.46	174.9	129.6	3.87	-0.35	2.16	

52 POLL DORSET FLOCK RAMS

LOT	TAG ID	BORN	BT	BWT	WWT	PWT	AWT	PFAT	PEMD	PWEC	EATING QUALITY TRAITS TCP	LEQ	LMY	IMF	SF5	PURCH/PRICE
145	221753	Spring	2	0.39	8.42	12.78	14.08	0.21	3.23	-6.56	147.4	142.4	3.16	-0.45	2.88	
146	221726	Spring	2	0.38	10.62	16.05	19	-0.05	2.85	-34.86	154.1	154.6	3.65	-0.15	2.75	
147	221751	Spring	2	0.46	10.81	15.14	18.93	-0.99	1.91	-35.55	146.3	148.3	3.81	-0.05	3.19	
148	221910	Spring	2	0.29	10.19	15.83	20.41	-0.18	2.49	-9.97	147.7	146.5	3.13	-0.12	2.86	
149	221743	Spring	2	0.53	11.49	17.19	19.23	-1.04	2.01	-28.55	154.5	151.7	4.72	-0.43	3.16	
150	221818	Spring	2	0.35	10.72	15.92	18.78	-1.24	2.23	-32	157.2	157.7	4.38	-0.15	2.4	
151	221724	Spring	2	0.2	10.09	16.21	19.31	-0.6	2.22	-19.85	151.5	150.9	3.57	-0.16	2.34	
152	221700	Spring	2	0.2	10.13	16	22.43	-0.61	2.51	-12.6	154.2	154.8	3.26	0	1	
153	221926	Spring	2	0.44	8.79	13.45	14.57	-0.24	4.25	-50.04	161.9	162.4	4.02	-0.26	0.02	
154	221857	Spring	2	0.2	9.74	15.12	19.59	-0.55	2.49	-22.4	153.1	154.9	3.23	0.04	0.94	
155	221697	Spring	2	0.23	9.95	15.38	22.1	0.34	3.01	-12.67	149.5	150.6	2.27	0.08	1.44	
156	221828	Spring	2	0.34	10.26	15.31	18.31	-0.22	3.93	-32.81	159.5	158.3	4.12	-0.28	1.34	
157	221715	Spring	2	0.19	9.64	14.7	16.06	-0.43	3.55	-11.24	153.8	152.2	4.3	-0.16	2.39	
158	221760	Spring	1	0.54	10.05	15.12	15.45	-0.59	3.52	-37.19	158.6	155.9	4.56	-0.46	0.94	
159	221856	Spring	1	0.09	9.24	14.89	19.89	-0.87	2.66	-24.42	155.9	155	3.64	-0.22	2.09	
160	221746	Spring	2	0.44	9.96	16.36	19.13	0.25	4.7	-15.15	168.6	165.2	3.92	-0.32	-0.46	
161	221776	Spring	1	0.39	10.03	16.11	20.26	-0.17	2.91	-42.89	154.1	156.1	3.35	-0.09	1.53	
162	221895	Spring	3	0.52	11.92	18.14	21.03	-0.86	3.51	-40.81	165.4	159.4	5.43	-0.77	2.97	
★ 163	221699	Spring	2	0.24	10.16	16.22	23	-0.49	2.49	-17.78	153.7	155.2	2.97	0.05	0.7	

TOP 10% TOP 20% ★ STAR LOT

52 POLL DORSET FLOCK RAMS

									EATING QUALITY TRAITS						
LOT	TAG ID	BORN	BT	BWT	WWT	PWT	AWT	PFAT	PEMD	PWEC	TCP	LEQ	LMY	IMF	SF5	PURCH/PRICE
164	221844	Spring	2	0.19	10.19	16.67	21.88	0.01	3.29	-22	154.5	150.7	3.22	-0.43	1.72	
165	221891	Spring	2	0.27	9.98	16	20.58	-0.53	3.31	-19.21	157.5	154.2	4.26	-0.38	1.31	
166	221779	Spring	3	0.24	10.5	16.47	19.39	-0.59	2.51	-47.04	153.8	151.7	4.38	-0.49	3.33	
167	221942	Spring	3	0.41	9.83	15.14	20.36	-0.63	2.09	-32.27	148.1	148.8	3.03	-0.13	1.02	
168	221747	Spring	2	0.26	9.04	14.75	18.67	-0.1	2.42	-40.83	146.7	149.6	2.67	0	0.53	
169	221866	Spring	1	0.26	9.56	14.67	18.02	-0.94	2.51	-20.43	152	150.8	4.25	-0.22	2.45	
170	221922	Spring	2	0.16	10.47	16.11	20.67	-0.65	2.52	-26.69	154.9	155.3	3.51	-0.12	1.94	
171	221773	Spring	3	0.42	10.77	15.73	20.45	-0.29	2.12	-8.16	146.6	145.6	3.19	-0.09	2.75	
172	221900	Spring	2	0.55	9.23	14.51	18.31	-0.54	2.84	-28.62	152.2	149.8	3.44	-0.37	0.37	
173	221711	Spring	2	0.26	10.26	16.28	21.25	-0.04	2.34	-27.13	148.2	150.2	2.73	0.03	1.13	
★ 174	221937	Spring	2	0.27	9.49	15.26	19.62	-0.55	2.79	-28.04	157	160.1	3.36	0.12	0.03	
175	221945	Spring	2	0.25	8.87	14.53	18.88	0.05	3.65	-21.98	158.6	160.6	3.29	0.07	-0.92	
176	221918	Spring	1	0.16	9.25	14.2	17.88	-1.09	1.98	-16.94	152	152.7	3.49	-0.03	1.48	
177	221939	Spring	3	0.17	9.59	14.89	22.14	-0.64	2.37	0.3	151.3	149.5	3.02	-0.1	1.42	
178	221934	Spring	1	0.45	8.3	13.18	14.69	-0.42	3.66	-29.94	158.3	158	3.27	-0.18	-0.99	
179	221865	Spring	1	0.35	8.74	13.83	16.58	0.08	4.85	-50.14	165.9	166.9	4.01	-0.22	-0.94	
180	221960	Spring	1	0.36	9.01	14.44	19.29	-0.48	2.11	-32.7	147.5	149.9	2.76	0.02	1.05	
181	221802	Spring	2	0.28	9.32	14.74	19.58	-0.3	2.9	-35.65	152.5	155	3.28	0.01	1.27	
182	221701	Spring	2	0.27	10.34	15.29	17.98	-0.39	2.94	-46.01	156.5	158.9	3.89	-0.08	2.67	
183	221749	Spring	2	0.35	10.28	16.3	17.79	-0.32	2.75	-27.08	154.8	155	4.05	-0.13	1.22	
184	221740	Spring	2	0.26	9.12	14.04	15.58	-0.7	3.43	-61.83	159	159.4	4.17	-0.37	1.16	
185	221706	Spring	2	0.43	9.12	14.26	16.71	-0.21	4.36	-64.64	161.1	161.5	3.99	-0.38	0.47	
186	221938	Spring	2	0.18	10.4	15.5	16.21	-1.06	2.79	-37.21	159.2	160.5	5.01	-0.1	2.77	
187	221782	Spring	2	0.43	10.23	16.15	19.63	-0.38	3.55	-16.94	160.7	158.9	3.89	-0.22	0.65	
188	221713	Spring	2	0.23	8.77	14.48	17.86	-0.41	2.92	-20.14	157.8	159	3.16	0.02	-0.11	
190	221876	Spring	1	0.21	9.16	14.57	17.83	-0.12	2.88	-41.35	152	154.3	2.96	-0.05	1	
191	221830	Spring	2	0.38	8.92	14.05	17.56	-0.42	4.1	-40.62	160.4	159	4.05	-0.36	0.49	
192	221820	Spring	2	0.28	9.68	15.19	19.79	-0.93	2.68	-25.17	156.7	156.2	3.79	-0.17	1.59	
193	221930	Spring	3	0.32	10.59	16.65	21.25	-0.25	2.94	-2.89	150.1	148.3	3.65	-0.13	3.52	
194	221745	Spring	2	0.35	8.75	13.72	16.21	0	4.62	-2.12	163.2	159.7	3.72	-0.24	-0.6	
195	221843	Spring	2	0.21	9.81	15.81	18.57	0.38	3.35	13.86	152.9	151.2	2.98	0.03	0.34	
196	221787	Spring	2	0.33	8.01	12.26	13.71	-0.01	4.53	-50.81	159.6	160.3	3.52	-0.24	-0.5	

TOP 10% TOP 20% ★ STAR LOT

52 WHITE SUFFOLK FLOCK RAMS

										EATING QUALITY TRAITS					
LOT	TAG ID	BORN	BT	BWT	WWT	PWT	AWT	PFAT	PEMD	PWEC	TCP	LEQ	LMY	IMF	SF5	PURCH/PRICE
197	222128	Spring	2	0.29	10.19	15.96	18.13	-0.31	2.49	-70.2	152.9	157.7	3.48	-0.02	0.9	
198	222083	Spring	1	0.25	9.72	15.59	19.59	0.17	2.25	-64.29	148.7	153.9	2.61	0.04	-0.2	
199	222115	Spring	3	0.34	10.55	16.24	18.77	-0.21	2.75	-52.16	150.3	150.2	3.74	-0.33	0.34	
200	222095	Spring	2	0.22	10.89	17.97	18.08	0.16	3.88	-41.12	161.7	158.5	4.35	-0.51	1.27	
201	221969	Spring	1	0.33	11.31	18.25	20.73	-0.21	2.1	-20.18	156.4	155.7	3.71	-0.16	0.18	
202	222160	Spring	1	0.24	8.72	14.78	16.28	0.76	4.3	-42.34	156.6	157.8	2.89	-0.13	-1.74	
203	222119	Spring	2	0.29	9.85	15.74	18.56	0.21	2.94	-29.5	152.5	153.7	3.08	-0.04	-0.41	
204	222183	Spring	1	0.72	10.03	15.61	17.34	-1.44	0.53	-55.28	144.4	147.8	3.8	-0.05	0.92	
205	222152	Spring	2	0.34	10.65	16.96	18.64	0.1	3.15	-68.35	159	163.4	3.64	-0.07	-0.52	
206	221984	Spring	2	0.37	11.03	16.15	17.84	-0.08	2.84	-23.52	153.2	152.8	3.64	-0.13	-0.16	
207	222031	Spring	1	0.31	8.9	13.76	14.64	0.54	3.05	-59.32	148.5	155.5	2.47	0.26	-1.62	
208	222032	Spring	1	0.44	11.6	18.21	19.69	-0.12	2.6	-52.81	158	159.8	3.98	-0.16	0.47	
209	222113	Spring	2	0.35	10.71	17.75	21.9	0.08	4.19	-28.12	159.9	154.7	4.25	-0.61	0.45	
210	222215	Spring	2	0.29	9.29	14.9	17.61	-0.46	0.85	-44.64	139.1	143	2.69	0.06	0.9	
211	222091	Spring	2	0.22	9.24	15.15	17.44	0.36	2.29	-44.93	148.6	154.1	2.45	0.2	-0.7	
212	221975	Spring	1	0.3	10.45	16.62	20.39	-0.42	2.09	-75.72	151.8	157	3.4	-0.04	1.39	
213	222212	Spring	1	0.45	10.25	16.26	19.57	0.09	2.58	-53.51	152	155.9	2.77	0.02	-0.83	
214	222012	Spring	2	0.51	12.33	19.77	22.89	-0.65	2.99	-58.8	160.5	156.7	5.21	-0.71	2.34	
215	222084	Spring	1	0.29	10.28	16.14	19.65	-0.24	3.73	-38.91	157.5	153.5	4.63	-0.58	0.29	
216	222022	Spring	2	0.36	9.86	16.05	17.91	0.15	3.74	-30.36	155.4	154.2	3.92	-0.26	0.08	
217	221996	Spring	1	0.48	10.89	17.46	19.31	0.34	3.08	-44.93	151.2	152.8	3.04	-0.11	0.64	
218	222150	Spring	2	0.44	10.58	17.14	20.14	0.13	2.9	-32.51	154.8	156.5	2.9	-0.01	-0.97	
219	222151	Spring	2	0.45	10.85	17.11	19.63	0.17	3.1	-64.54	155.9	159.79	3.26	-0.06	-0.52	
220	222043	Spring	1	0.22	9.51	15.64	16.88	0.29	3.76	-24.72	158.5	157.1	3.78	-0.24	-0.67	
221	222014	Spring	2	0.35	12.05	17.73	18.56	0.26	2.35	-6.27	151.5	148.5	3.46	-0.24	1.08	
222	222155	Spring	2	0.42	9.74	15.93	18.41	0.35	2.41	-60.86	148.7	153.6	2.32	0.05	-0.46	
223	221997	Spring	2	0.13	9.96	16.18	19.5	0.31	3.63	-5.96	155.8	154.8	3.35	-0.06	-0.09	
224	222174	Spring	2	0.29	10.75	16.82	19.44	-0.11	2.36	-64.83	153.6	158.6	3.16	0.03	0.49	
225	222048	Spring	3	0.43	10.6	16.58	19.16	-0.05	2.79	-56.36	156.3	159.2	3.48	-0.1	-0.93	
226	222217	Spring	1	0.09	9.76	16.22	19.29	0.32	2.87	-30.98	151.8	153.2	2.72	-0.03	-0.25	
227	221991	Spring	2	0.22	10.2	16.14	17.9	-0.21	3.02	-69.03	154.4	158.1	4.28	-0.12	1.93	
228	222184	Spring	1	0.18	10.49	17.36	19.95	0.38	4.02	-26.51	163.4	163.7	3.87	-0.11	-0.81	
229	222144	Spring	1	0.27	10.26	15.93	18.39	-0.09	3.05	-26.84	151.7	151.5	3.61	-0.14	0.85	

TOP 10% TOP 20% STAR LOT

52 WHITE SUFFOLK FLOCK RAMS

LOT	TAG ID	BORN	BT	BWT	WWT	PWT	AWT	PFAT	PEMD	PWEC	TCP	LEQ	LMY	IMF	SF5	PURCH/PRICE
											EATING QUALITY TRAITS					
230	222016	Spring	2	0.21	10.49	16.2	19.39	-0.82	2.2	-73.59	153.1	154.1	4.09	-0.4	1.3	
231	222134	Spring	2	0.23	10.35	15.47	17.47	-0.36	2.67	-64.86	154.6	159.6	3.68	0.03	0.11	
232	222132	Spring	2	0.38	9.73	15.47	18.33	0.41	3.28	-42.26	153.9	158.4	2.47	0.18	-2.64	
233	222224	Spring	2	0.52	11.34	16.84	18.47	0.14	2.62	-43.23	153	153.7	3.49	-0.19	-0.71	
234	222029	Spring	3	0.45	11.25	16.82	20.01	-0.3	2.84	-54.32	155.3	156.3	3.85	-0.23	1.44	
235	222229	Spring	1	0.35	9.8	14.88	17.8	0.29	2.89	-18.28	149.8	152.2	2.53	0.16	-1.91	
236	222069	Spring	2	0.25	10.16	15.29	18.07	-0.23	3.15	-30.79	153.2	153.3	3.62	-0.14	-0.39	
237	222049	Spring	3	0.46	10.75	16.47	19.36	-0.22	2.55	-39.68	154.8	156.1	3.55	-0.12	-0.62	
238	222076	Spring	1	0.28	8.09	13.17	13.83	0.5	2.98	-56.49	148.4	154.6	2.29	0.19	-1.78	
239	222079	Spring	2	0.39	10.16	15.58	16.14	-0.44	2.55	-56.9	153.5	155.8	3.83	-0.15	0.13	
240	222190	Spring	2	0.4	9.98	16.11	18.85	-0.07	2.89	-53.65	153.5	153.9	3.22	-0.3	-0.02	
241	221993	Spring	2	0.3	10.15	15.73	17.41	0.06	2.76	-55.52	153.4	158.1	3.16	0.06	-0.36	
242	222172	Spring	1	0.32	10.93	16.78	19.53	-0.38	2.74	-33.07	155.4	152.9	4.12	-0.42	0.15	
243	222121	Spring	2	0.27	9.73	15.43	18.11	-0.69	1.96	-68.45	151.4	156.9	3.64	0.03	0.23	
244	222020	Spring	1	0.28	9.79	15.79	19.07	0.36	2.78	-48.97	152.4	156.9	2.26	0.11	-1.99	
245	222054	Spring	1	0.34	9.05	14.87	16.74	-0.49	2.48	-49.44	148	146.9	3.5	-0.42	-0.68	
246	222127	Spring	1	0.35	10.47	16.34	16.31	0.14	2.81	-45.32	155.4	157.1	3.56	-0.12	0.02	
247	222102	Spring	2	0.14	7.81	12.89	14.12	0.45	3.18	-51.11	148.4	153.4	2.39	0.13	-1.11	
248	222017	Spring	2	0.18	10.16	15.86	17.79	-0.68	2.59	-80.11	155.1	156.4	4.24	-0.42	1.05	

20 MULTI-MEAT COMPOSITES FLOCK RAMS

HOMOZYGOTE

LOT	TAG ID	BORN	BT	BWT	PWT	AWT	PFAT	PEMD	PWEC	YGFW	YFD	MWP +	MCP +	LMY	IMF	SF5	PURCH/PRICE
												EATING QUALITY TRAITS					
249	222488	Winter	3	0.24	10.79	9.87	-0.32	1.44	49.32	1.09	-0.6	183.1	152.2	4.28	-0.37	3.39	
250	222523	Winter	3	0.48	10.74	8.03	-0.71	0.54	-19.55	-3.76	-2.32	188.9	153.3	5.04	-0.49	3.79	
251	222507	Winter	2	0.32	8.49	7.92	-0.38	1.37	-12.11	-3.93	-2.7	164.2	131.1	3.93	-0.4	1.32	
252	222517	Winter	2	-0.04	8.14	10.23	0.01	1.76	-36.41	5.03	-1.9	171.2	137.1	3.58	-0.36	1.4	
253	222441	Winter	4	0.45	10.99	12.3	-0.41	0.85	-50.25	3.01	-1.82	191.9	149.9	4.05	-0.26	2.46	
254	222475	Winter	4	0.29	7.83	7.55	-0.61	0.94	-61.36	-15.09	-3.63	174.1	138.3	4.09	-0.34	2.46	
255	222408	Winter	2	0.33	10.3	8.55	-0.72	1.01	-16.24	-11.15	-2.33	187.5	152	5.06	-0.45	4.45	
256	222605	Winter	2	0.2	9.09	10.41	-0.53	1.01	21.68	-4.31	-2	168.2	136	4.32	-0.35	2.52	
257	222593	Winter	3	0.34	10.47	9.95	-0.35	0.95	-14.47	5.41	-1.83	177.9	139.6	3.68	-0.29	1.43	
258	222472	Winter	4	0.31	9.72	8.74	-0.02	1.63	-19.19	1.78	-0.99	181.5	150	4.25	-0.33	2.85	

TOP 10% TOP 20% STAR LOT

20 MULTI-MEAT COMPOSITES FLOCK RAMS
HOMOZYGOTE

												EATING QUALITY TRAITS					
LOT	TAG ID	BORN	BT	BWT	PWT	AWT	PFAT	PEMD	PWEC	YGFW	YFD	MWP +	MCP +	LMY	IMF	SF5	PURCH/PRICE
259	222595	Winter	3	0.31	11.66	10.49	-0.31	1.31	-33.88	5.7	-1.68	189.2	148.1	4.23	-0.37	2.01	
260	222518	Winter	3	0.39	10	8.17	-0.82	1.33	-0.74	-3.13	-1.08	169.6	140.2	5.17	-0.54	3.5	
261	222474	Winter	4	0.07	10.05	9.68	-0.07	1.66	-39.42	2.65	-0.75	183.7	151	4.42	-0.35	3.26	
262	222492	Winter	3	0.28	8.93	10.08	-0.35	1.21	-48.33	-5.14	-4.63	186.5	139.8	4.43	-0.43	2.62	
263	222596	Winter	1	0.16	6.91	4.01	0.09	1.55	-40.3	-11.68	-2.28	158.1	135.1	3.48	-0.15	0.75	
264	222491	Winter	3	0.15	8.62	11.83	-0.1	0.83	-42.89	-4.28	-4.45	179.6	131.9	3.46	-0.26	1.85	
265	222508	Winter	2	0.13	10.06	9.01	0.12	1.63	20.67	3.76	-1.43	178.6	145.1	3.7	-0.26	1.87	
266	222521	Winter	3	0.32	9.63	10.93	-0.81	0.61	-12.76	-3.98	-3.19	177.1	135.3	4.81	-0.41	4.51	
267	222379	Winter	3	0.2	8.05	8.69	-0.48	0.89	-5.72	-6.24	-3.46	170.8	134.1	4.17	-0.3	3.57	
268	222479	Winter	3	0.29	8.93	7.49	-0.24	1.17	-33.38	-6.61	-2.26	170.1	138.7	3.87	-0.34	1.6	

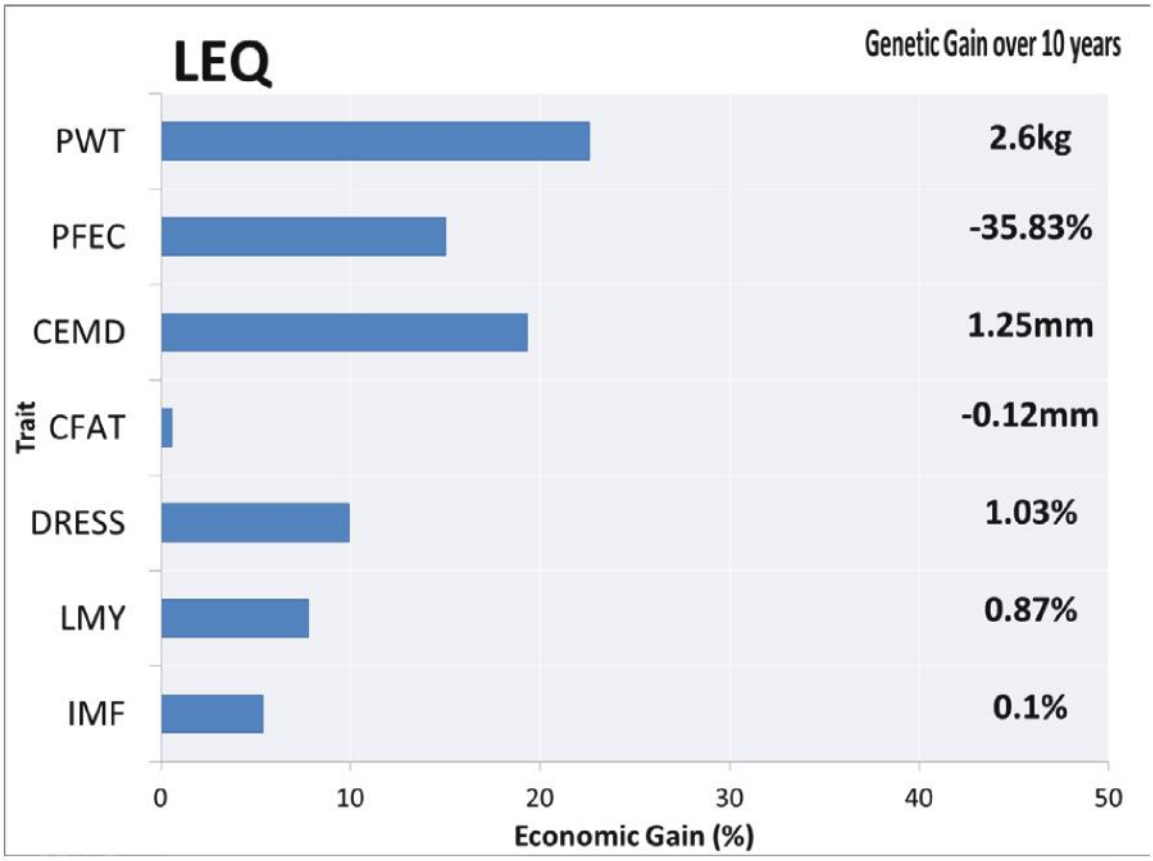
20 MULTI-MEAT COMPOSITES FLOCK RAMS
HETEROZYGOTE

												EATING QUALITY TRAITS					
LOT	TAG ID	BORN	BT	BWT	PWT	AWT	PFAT	PEMD	PWEC	YGFW	YFD	MWP +	MCP +	LMY	IMF	SF5	PURCH/PRICE
269	221643	Winter	3	0.61	8.03	6.02	-0.86	0.46	-5.82	3.78	-0.7	152.5	126.6	3.43	-0.19	1.12	
270	221669	Winter	3	0.37	7.79	9.33	-1.08	0.7	-72.69			159.2	129.9	4.78	-0.35	3.13	
271	221603	Winter	3	0.38	11.28	13.42	-0.16	2.25	-9.81	-5.84	0.41	183.1	151.4	5.42	-0.6	4.8	
272	221658	Winter	5	0.11	9.6	11.88	0.4	2.24	-29.76	-1.4	0.06	179.9	150.9	4.09	-0.49	2.61	
273	222536	Spring	2	0.49	12.94	12.85	-1.47	0.57	-47.98	-2.6	-1.84	201.1	155.8	6.04	-0.59	6	
274	222365	Spring	2	0.48	12.47	12.49	-0.81	1	-43.27	-8.23	-3.31	194.7	146.6	5.6	-0.66	4.65	
275	222397	Spring	3	0.33	13.4	15.1	-0.04	1.52	9.07	9.09	-0.95	202.2	156	4.33	-0.45	3.26	
276	222290	Winter	1	0.57	12.37	14.33	-0.65	1.54	-39.88	-5.9	-3.08	194.8	146.1	6.03	-0.74	4.73	
277	222411	Spring	2	0.44	12.06	12.31	-0.24	1.83	-29.47	0.02	-0.64	185.4	147.7	5.25	-0.42	2.94	
278	222430	Spring	3	0.68	15.15	15.27	-1.29	1.21	-32.62	-16.07	-3.56	207.3	153	6.53	-0.77	5.05	
279	222360	Spring	3	0.32	12.87	13.54	-0.57	1.87	-21.79	-11.74	-0.68	188.1	150.4	5.11	-0.48	4.05	
280	222483	Spring	2	0.25	10.93	9.11	1.1	2.5	-35.32	-0.62	-2.96	198.3	157.4	3.8	-0.38	0.47	
281	222597	Spring	2	0.61	14.15	13.97	-1.52	0.96	-18.66	-8.58	-1.36	192.2	148.5	5.98	-0.58	5.3	
282	222497	Spring	3	0.48	11.55	11.62	-1.52	0.17	-63.17	-0.95	-3.08	194.4	147.4	5.42	-0.64	5	
283	222498	Spring	3	0.51	12.58	13.08	-1.57	0.38	-60.37	-0.11	-2.89	200	150.3	5.78	-0.72	5.42	
284	222335	Spring	3	0.62	12.75	9.63	-0.69	1.81	-52.66	2.72	-0.32	201.7	167.2	6.03	-0.62	5.88	
285	222617	Spring	2	0.69	14.36	15.89	-1.54	0.74	-2.42	-7.88		190.9	137.5	5.92	-0.63	4.58	
286	222504	Spring	2	0.47	11.48	11.4	-0.98	0.92	11.29	-4.23	-1.12	183.8	147.8	4.99	-0.4	3.72	
287	222406	Spring	2	0.47	10.18	10.74	-0.74	0.18	43.17	5.23	-2.75	170.4	128.4	4.07	-0.31	2.68	
288	222369	Spring	2	0.19	10.02	10.09	-0.2	1.48	-51.84	5.38	-4.59	197.7	147	4.52	-0.5	3.36	

TOP 10% TOP 20% STAR LOT

LAMBPLAN Terminal Eating Quality Indexes
LAMB2020 + EQ (LEQ)

The Lamb 2020 Eating Quality index is targeted at terminal producers interested in improving the meat eating quality of their prime lambs while continuing to improve production traits in a balanced way. The LEQ index is similar to the EQ index however is based on the same production targets as Lamb 2020 where birthweight (BWT) and worm egg count (WEC) are important in the breeding objective. The greater emphasis on WEC is the main difference between LEQ and EQ. The graph below represents the predicted economic gains for each trait of interest in the index and also expresses the expected 10 year gains for the individual traits.



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Sheep Genetics is a joint program of Meat & Livestock Australia Limited ABN 39 081 678 364
and Australian Wool Innovation Limited ABN 12 095 165 558

Understanding LAMBPLAN ASBVs

Rams with lower ASBVs for birth weight (BWT) produce lambs with lower birth weight. Both low (lamb survival) and high (lambing difficulties) birth weights should be avoided.

Rams with more positive ASBVs for post weaning weight (PWT) produce lambs that grow quicker and reach target weights in a shorter time. This ram will produce lambs that are, on average, 3kg heavier at post weaning age (7.5 months) than a ram with an ASBV of 0.

Worm egg count (WEC) ASBVs estimate an animals genetic potential for worm burdens. Lower WEC ASBVs are desirable. This ram will, on average, sire progeny that will have 5% fewer eggs/gram than a ram with an ASBV of 0.

Trait	BWT (kg)	WWT (kg)	PWT (kg)	PFAT (mm)	PEMD (mm)	WEC (%)	INDEX
ASBV	0.3	4	6.0	-1.5	1.0	-10	150
Acc	*43*	*63*	*71*	*59*	*69*	*37*	

Rams with a more positive ASBV for weaning weight (WWT) will, on average, produce lambs that grow quicker to weaning. This ram will produce lambs that are 2kg heavier than a ram with a 0 ASBV for WWT.

Rams with a more negative ASBV for post weaning fat (PFAT) will produce lambs that are leaner, at the same weight. This ram will produce lambs that are, on average, 0.75mm leaner at the GR site when compared to a ram with a FAT ASBV of 0.

Rams with more positive ASBVs for post weaning eye muscle depth (PEMD) produce lambs that have more muscle, independent of weight, and a higher lean meat yield. This ram will produce lambs that have, on average, a 0.5mm deeper eye muscle than a ram with a 0 EMD ASBV.

An index is a guide to the value of a ram for a particular market. Rams with higher indexes will produce lambs that are more suited to that particular market target. It is important to understand what market the index applies to before using an index.

- **An ASBV of 0 is the average of the 1990 drop. It is important to compare ASBVs against current industry average.**
- ***Note: A useful rule of thumb for converting ram ASBVs into lamb production differences is to simply halve the ASBV (as rams contribute half the genetics of the lamb).***
- Accuracy - published as a percentage, is a reflection of the amount of effective information that is available to calculate the ASBV. All ASBVs are now published with accuracies. The higher the percentage, the closer the ASBV is to the true breeding value of the animal. Breeding values without accuracies are Flock Breeding Values (FBVs) and can only be compared within the flock.
- **MLA acknowledges the contributions of the Australian Government and AWI in the development of this publication.**

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Sheep Genetics is a program of Meat & Livestock Australia Limited ABN 39 081 678 364

Understanding Carcase and Eating Quality Traits

Sheep Genetics report ASBVs for a number of carcase traits, including eating quality traits that can be estimated through using genomic information (DNA samples). As eating quality becomes increasingly important to consumers, it is important that we balance both carcase traits and eating quality traits in our breeding programs.

Dressing Percentage

Rams with more positive dressing percentage (DRESS) ASBVs produce lambs that have a higher dressing percentage at slaughter. A ram with an ASBV of 2.0 will produce progeny that dress out 1.0 percent higher than progeny of a ram with an ASBV of 0.

Intramuscular Fat

Intramuscular fat (IMF) is a measure of the chemical fat percentage in the loin muscle of a lamb and is often referred to as marbling. IMF has been shown to have a significant impact on the flavour, juiciness, tenderness and overall likeability of lamb. Rams with more positive Intramuscular Fat (IMF) ASBVs produce progeny with higher levels of intramuscular fat.

Eye Muscle Depth

Eye Muscle Depth (EMD) ASBVs estimate the genetic difference between animals in eye muscle depth at the C site. Rams with more positive ASBVs for EMD will produce progeny that have more muscle, independent of weight, and a higher lean meat yield. EMD is reported as Weaning (WEMD), Post Weaning (PEMD), Yearling (YEMD) and Hogget (HEMD) ages.

Fat Depth - C Site

Carcase C site fat (CCFAT) ASBVs estimate the genetic difference between animals in fat depth at the C site, as measured on the carcase. ASBVs for CCFAT are calculated through genomic information. A ram with an ASBV of -1.2 will produce progeny 0.6 mm leaner than progeny of a ram with an ASBV of 0.

Trait	Dress %	LMY %	IMF %	SF5 kg	EMD mm	FAT mm	CCFAT mm
ASBV	2.0	2.4	-0.1	-0.5	2.2	-1.0	-1.2
Acc	*52*	*62*	*50*	*45*	*70*	*68*	*57*

Lean Meat Yield

Rams with more positive Lean Meat Yield (LMY) ASBVs produce lambs that have a higher Lean Meat Yield percentage at slaughter. Lean meat yield is expressed as a percentage of the initial Hot Standard Carcase Weight. All bone and salvage fat is removed. A ram with an ASBV of 2.4 will produce progeny that are 1.2 percent higher than progeny of a ram with an ASBV of 0.

Shear Force (5 days)

Shear force is a measure of the force or energy required to cut through the loin muscle of lamb after 5 days of ageing, the ASBV is reported in deviations of kilograms of force. Rams with more negative SF5 ASBVs produce lambs with more tender meat.

Fat Depth - GR Site

Rams with more negative FAT ASBVs produce progeny that are leaner. FAT ASBVs estimate the genetic difference between animals in GR fat depth. FAT is reported as Post Weaning (PFAT), Yearling (YFAT), Hogget (HFAT) ages and Carcase (CFAT).

For more information contact Sheep Genetics
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Sheep GENETICS

MEAT & LIVESTOCK AUSTRALIA

Terminal Carcase Production (TCP) index

Replacement for Carcase Plus

Key points

- Carcase Plus has been an important index for the sheepmeat industry but it has been found to have a negative impact on eating quality. Because of this and the industry's focus on delivering high eating quality outcomes for consumers, the index will be retired in March 2020.
- Carcase Plus will be replaced with the Terminal Carcase Production index. To assist in the transition between indexes both Carcase Plus and Terminal Carcase Production will be available for the 2019 ram buying season.
- The Terminal Carcase Production (TCP) index will give similar improvements in growth and lean meat yield as Carcase Plus while also maintaining eating quality.

What is the new TCP index?

Indexes help producers select animals for use within a breeding program when there are a range of traits of economic or functional importance. This ensures that genetic gain in one trait is not made in isolation from other traits. Using indexes in ram purchasing decisions allow producers to make balanced genetic progress towards more profitable sheep.

The TCP index has been created to assist producers to achieve both gains in their major production traits, such as post-weaning weight and muscling, as well as ensuring consumer satisfaction from lamb is maintained through focusing on key eating quality traits such as shear force (tenderness) and intramuscular fat (marbling).

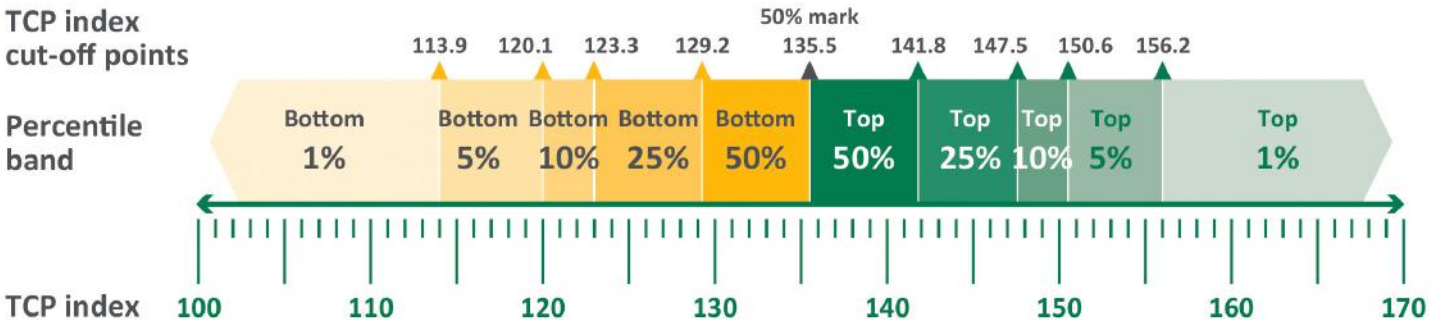
The TCP index is designed to suit a production system where:

- all progeny are terminal
- improving growth and muscle is of commercial benefit
- increasing lean meat yield has a positive financial impact
- a small degree of emphasis is included to maintain or improve eating quality.

Using the TCP index

The TCP index, unlike Carcase Plus, is on a scale that is aligned with other Sheep Genetics' indexes and is represented in economic terms with a unit increase in the index reflecting an additional dollar per ewe joined per year. To assist in comparing rams, Sheep Genetics recommends using a percentile band table as reference. The figure below, which is based on the percentile band table, highlights the TCP index value for significant percentiles for the 2018 drop animals.

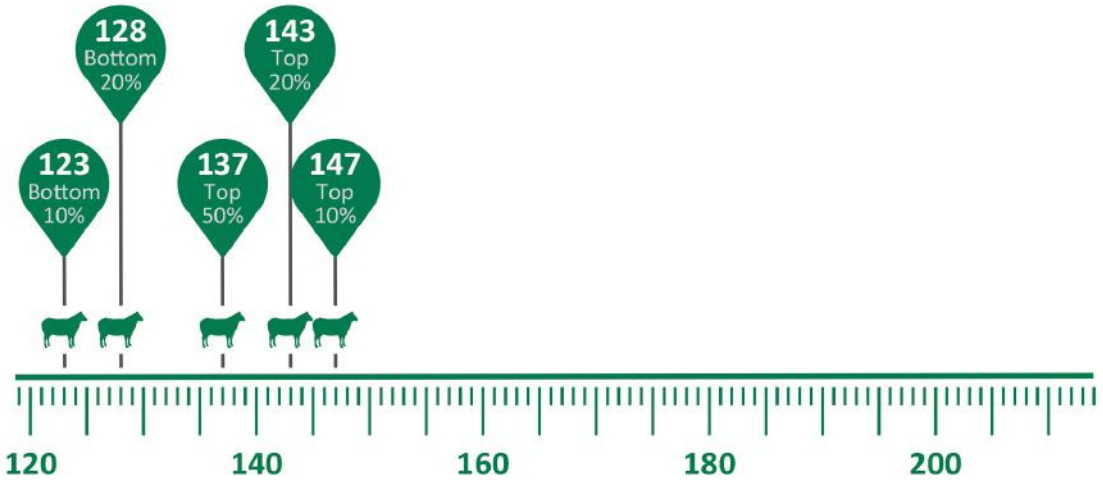
Percentile band range graphic for TCP index 2018 drop animals



Comparison of TCP and Carcase Plus index values for significant percentiles for 2018 drop animals

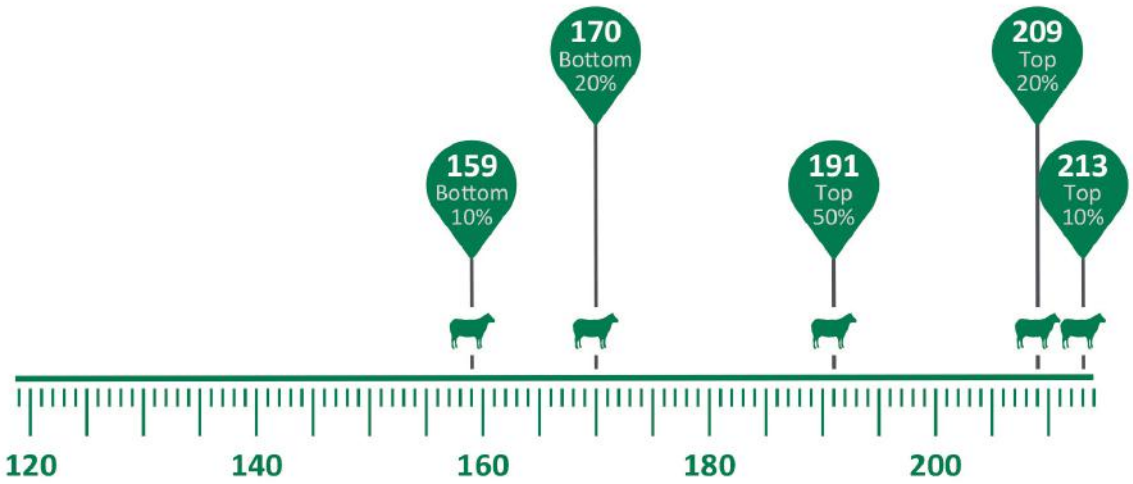
Terminal Carcase Production

Replacement for Carcase Plus



Carcase Plus

Discontinued March 2020



More information 02 8055 1818 info@sheepgenetics.org.au www.sheepgenetics.org.au

SUPER WHITES

Access to high performance White Suffolk genetics.

Serious about performance recording.

Making rapid genetic gain.

Who we are.

The Superwhites Breeding Group is a group of AWSA members who progeny test the top 10 to 12 young sires from within participating flocks each year.

The group look to make rapid genetic improvement in all commercially important traits through the use of LAMBPLAN information.

- Superwhites has been in operation since 1995.
- 20 active members based in 5 states ranging from Foundation members to more recently established studs.
- Collectively the group joins around 9,000 ewes & sells nearly 4,000 rams rams annually.
- Superwhites select the best 10-12 young rams each year & shares them across the group through AI.
- The group fosters improved genetic linkage & excellent data quality.

Who can be part of Superwhites?

Superwhites is open to any AWSA member who meets the following criteria:

- Maintain high data quality within LAMBPLAN.
- At least 60 ewes in the flock.
- Maintain LEQ index average above the LAMBPLAN White Suffolk Average.

WE ARE LOOKING TO FURTHER EXPAND OUR MEMBERSHIP BASE.

IF YOU ARE INTERESTED IN BEING INVOLVED IN THIS PROGRESSIVE BREEDING GROUP, OR WOULD LIKE ANY FURTHER INFORMATION, PLEASE CONTACT:

ANDREW BOUFFLER - CHAIRMAN
M - 0427 207 656
E - INFO@TRIGGERVALESHEEPSTUDS.COM.AU
WWW.WHITESUFFOLK.COM/PAGES/WHITE-SUFFOLK-SUPERWHITES.PHP

TOMORROW'S RAMS TODAY.

MEAT ELITE AUSTRALIA HAS 3 MAIN OBJECTIVES:

- **Identification of superior genetics for the Prime Lamb industry**
- **Provision of accurate across flock Australian Sheep Breeding Values and other recorded data for members and clients.**
- **To identify and maximize the use of superior genes within the Meat Elite roup and across the prime lamb industry.**

MEAT ELITE MEMBERS ACHIEVE THESE OBJECTIVES BY:

Identification of Superior Genetics

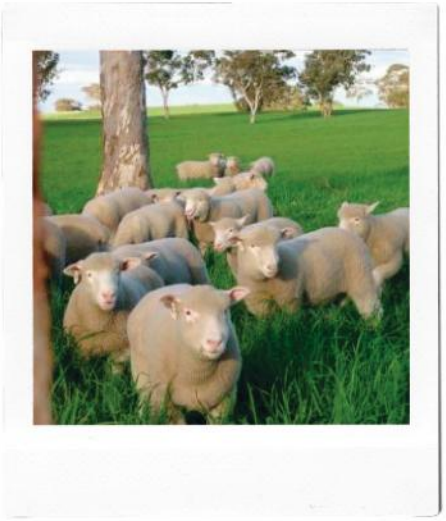
- A Young Sire Progeny testing program of 10 – 15 elite Young Sires selected from approximately 5000
- ram lambs are test mated across flocks in varied climatic, management and environment conditions.
- Data collected including DNA, helps assess their genetic value.
- Link sires are used to help calibrate YST results across regions.
- Embryo transplant programs multiply high performance genetics.
- Outside sires are tested under strict performance regimes to assess performance value
- Meat Elite sheep regularly used in research projects to assess genetic value to advance the Australian
- Lamb Industry.

Accurate Australian Sheep Breeding Values

- All Meat Elite Flocks aim for gold quality data
- Accurate parentage, raw data and Lambplan information is the key for genetic gain.
- Accurate ASBVs are seen as essential information for commercial clients.

Maximize the use of superior genes in the Lamb Industry

- Meat Elite flocks continue to experience increased demand for both flock and stud rams.
- Meat Elite genetics utilized in cutting edge research programs.eg worm resistance.
- Meat Elite ram clients can select superior performance rams to improve their profitability.
- Meat Elite Studs testing for meat eating quality and tenderness to ensure product quality.



MEAT ELITE AUSTRALIA Inc. POLL DORSETS

FOR FURTHER INFORMATION, PLEASE VISIT OUR WEBSITE. WWW.MEATELITE.COM.AU

PROVIDING A DIVERSE EDUCATION IN AGRICULTURE.

School and Community Working Together

LUCINDALE
AREA SCHOOL

OFFERING 4 WHITE SUFFOLK RAMS

We are proud of our selection of rams on offer.
Thank you kindly for your support of our students & Agricultural program.

From Reception to Year 12, Lucindale Area School Students

- Develop a diverse range of knowledge & practical skills through enterprises which include sheep, cattle, pigs, goats, poultry, aquaculture, viticulture, vegetable & fruit production.
- Students partake in numerous country & state shows through the preparation of Led Steers, Merino Wethers, Boer& Angora Goats & have successfully placed in top positions.
- Students are involved heavily in the development & maintenance of Lucindale Area School's White Suffolks Stud through studying genetics, ASBV'S & visual assessment of rams & ewes, monitoring lambing ewes, tagging and weighing new born lambs, lamb marking and general husbandry tasks.
- Our stud is OJD MN1 & Brucellosis free accredited.
- Lucindale Area School White Suffolks are currently based on Woolumbool & Seriston genetics.

FIVE DECADES OF GENETIC ADVANCEMENT

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STUDS

Poll Dorset • White Suffolk • Multi-Meat

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SOUTH AUSTRALIA