HAZELDEAN

LITCHFIELD

EST 1865

Hazeldean Merinos
Best of the Best Ram Sale 2020

Friday 17th January
Hazeldean, Cooma, NSW

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Woolgrowers Breakfast
It's never been a better time to be in the wool industry.

Join us for breaky then hear from industry professionals on nutrition, ram health and management, the economics of genetics and the wool market.

Then take a look at Hazeldean's Best of the Best young sires that will give you bigger fleeceweights and higher wool value.

8.30am	Bacon and egg rolls and coffee at Hazeldean sale shed
9.15am	Matthew Hallam, *Animal Innovations* - key nutrition and economic factors in supplementary feeding programs.
9.45am	Tom Graham, *Coolac Veterinary Services* - Ram health and management.
10.15am	AWI – Global Wool Market Outlook
10.30am	Jim Litchfield - Hazeldean Merinos update and sale introduction.
11am	Ram inspections
12 noon	Best of the Best Sale commences

For catering please contact Jenni if you will be attending the Woolgrowers breakfast & talks – 02 6453 5555 or admin@hazeldean.com.au

HAZELDEAN MERINOS BEST OF THE BEST RAM SALE 2020

Friday 17th January
following Woolgrowers Breakfast

34 HIGH PERFORMANCE, HIGH ACCURACY RAMS

Hazeldean sheep are clearly way out in front for fibre fineness, fleeceweight and overall profitability per hectare.

	MP+	YWT	YFD	YCFW	YFDCV	YSS
Hazeldean 2020 Best of the Best team ASBV average	**175.0**	**3.4**	**-1.9**	**24.0**	**-0.3**	**0.7**
Merinoselect 2018 drop ASBV average	140.9	4.9	-1.1	15.2	-0.7	0.6

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Ed Bradley: 0412 298 546

RSVP for catering purposes admin@hazeldean.com.au

Best of the Best Ram Sale 2020

Dear Merino Breeders,

We have brought this day forward this year for 2 reasons; the first being to make these sires accessible for some clients who join earlier in the year and the second to add a distraction for us the week before Ed and my big day!

This years Woolgrower's Breakfast is open to anyone and everyone. The focus of the presentations will be on nutrition, ram health and management, the wool market and perhaps a bit of crystal ball gazing. Come along for a bacon and egg roll, coffee and a catch up – please let Jenni know if you are coming for catering purposes.

The Best of the Best sale will run after the presentations. We have an exceptional team of 34 rams on offer. These rams were reserved in September 2019 and have since had a second stage fibre test and analysis making their data highly accurate. The team presented to you are surplus to our stud ram requirements and represent the highest quality rams offered for sale by Hazeldean each year.

We have managed to keep the rams going on crops and they have done very well and are ready to get to work in their new flocks. The performance of this team of rams is unrivalled; the average yCFW and yFD for the team is in the top 10% of the industry and the average MP+ value is in the top 4%. We once again kept all the fleeces so that we can present the sale team's fleece alongside each individual lot on sale day. The rams were shorn in late November and averaged a massive 5.9kg from 6 months growth with an average micron of 18.6.

We are excited to present this team of rams to you – they present an opportunity to purchase the most accurate, dependable and profitable genetics in the industry in super sound package.

We have flock rams available for those that require extra rams. Please get in touch to make an appointment.

Look forward to catching up in the new year,

Bea Litchfield

Stud History

With the acquisition of Rambouillet and Tasmanian bloodlines, James Litchfield established the Hazeldean Merino Stud in 1865. Occasional introductions based on Riverina Peppins occurred between the 1800's and 1958, when the Stud was closed. In 2000 the stud was reopened to access outside rams that have performed better than Hazeldean rams in Central Test Sire Evaluation and Sheep Genetics evaluation.

Hazeldean is a distinct strain of Australian Merino noted for its constitution, large frame and reputation in bloodline comparison trials, where it consistently demonstrates an ability to turn grass into dollars more effectively than other bloodlines. Hazeldean blood performs at the top in all major wool growing areas of Australia and generally surpasses all other studs in profitability analyses.

Hazeldean has been under the direction of the Litchfield family for six generations and is one of the nation's oldest studs. It is also the oldest performance-based Merino stud in Australia.

In 1954 the Stud pioneered the adoption of a selection system based on measurable, commercially relevant traits, essential to the maximisation of profitability. The same system, although much enhanced through modern technology, remains the cornerstone of the Stud today.

The Hazeldean Breeding Policy

The special treatment of small groups through shedding and provision of artificial ration is at odds to the philosophy of the Stud. To give accurate and meaningful measurement information, it is necessary to evaluate animals by running them in large contemporary groups under conditions equivalent to those experienced in the world of commercial wool growing. Hazeldean therefore runs its stud operations along the lines of a commercial wool growing and breeding enterprise.

Hazeldean bases its selection decisions and grading for sale on a measurement system that has been in place for many years. Measurement, when applied with common sense, significantly improves the accuracy of selecting for heritable traits of economic importance such as fleece weight and fibre diameter.

Hazeldean Flock Health Status

The Hazeldean flock is assessed under the National Johne's Disease Market Assurance Program and holds a status of Monitored Negative 3 Vaccinated (MN3-V).

The Hazeldean flock is also accredited as Brucellosis free.

Although Hazeldean employs best practice procedures in livestock husbandry and does its best to ensure every animal catalogued for sale is free from disease, internal parasites and external parasites, it does not guarantee that any sale animal is free of disease, internal parasites or external parasites.

Best of the Best **Ram Sale 2020**

Explanation of Terms Used
To Express Measurement Details
An estimation of each ram's genetic worth relative to the average of his contemporaries is provided on each sale lot.

The measurements in the catalogue refer to the Australian Sheep Breeding Values (**ASBVs**) for each animal. An index and rank value are also included.

Australian Sheep Breeding Values (ASBVs)
ASBVs describe the expected performance of a ram's progeny. Although actual measurements of fleece weight, fibre diameter etc. are a good guide to the performance of the ram's progeny, adding the measurements of relatives to the calculation allows the likely breeding value of the ram to be more accurately represented.

Accuracy is represented as a percentage and is a reflection of the amount of information that is available to calculate the ASBV.
FD (Dev) - (Fibre Diameter Deviation) - Represents the difference in fibre diameter measurement relative to other animals included in Sheep Genetics evaluation. The measurement is established by assessing a small sample of the fleece taken from the mid-side or the hip of the ram as well as including fibre test information on all relatives tested including brothers, sisters, parents, uncles, aunts etc. A negative figure indicates the ram is estimated to breed finer than average, a plus sign indicates the ram is estimated to breed stronger.

CFW (Clean Fleece Weight) – Rams with a higher clean fleece weight are estimated to produce progeny that cut more wool. Again this is assessed by weighing the fleece of the ram and including fleeceweights taken on all relatives

FDCV% (Co-efficient of Variation of Fibre Diameter)
It is impossible for sheep to have all their wool fibres exactly the same micron – the fibres on a sheep's back vary from fine to strong and the FD measurement is an average of all these fibres. However, some animals have less variation than others and are described as having lower fibre diameter coefficient of variation (FDCV). A lower CV% is often associated with higher staple strength, therefore sheep with a small variation about the average are described as having "a good CV". CV is also important as wool can be spun into a finer yarn if it has a low CV.

WT(kg) – Animals with a more positive ASBV for weight will produce lambs that grow faster and therefore reach target weights in a shorter period of time.

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Index Values

Each sale ram has an index describing its overall value. The index includes the traits of most value in Merino sheep (such as fleece weight and fibre measurement) and puts them together into one figure. This makes selection easier as it removes the need to weigh up fleece weight and fibre measurement independently when selecting rams.

It is also possible to put more emphasis on reducing fibre diameter, increasing fleece weight (or vice versa) or improving any other characteristic through the use of an index. This can be done by applying different weightings to each trait when calculating the index.

For example, as Hazeldean wishes to reduce fibre diameter at a faster rate than lifting fleece weight, we place a 7% premium on the value of fibre diameter in the calculation of our index. We also want to improve staple strength. Because Co-efficient of Variation (CV%) is correlated to Staple Strength, the Hazeldean Index places emphasis on lower CV% as a means to improve this trait.

Index Value's in this catalogue therefore represent each ram's combined performance for all measured traits plus information gathered on all measured relatives.

Information from Relatives

We all know that some rams will breed worse than they appear and some will breed better. This is either due to the influence of environment or genetics.

In the instance of **environment,** for example, rams that spend their entire lives in the ram shed and fed special rations each day are more likely to breed worse than they appear whereas rams who are weaned early, spend their first year in drought and go without a drop of TLC from then on are more likely to breed better than they appear.

In the instance of **genetics**, a high performing ram coming from a long line of high performing animals is more likely to breed better than a high performing ram coming from a line with low performing animals in it. If information on relatives (brothers, sisters, aunts, uncles, grandparents as well as sire and dam) is included in the assessment of an animals index, the likelihood of the ram having an accurate index ranking reflecting his true value, is much enhanced.

Semen Sales

Semen is available from our top sires. Hazeldean retains semen rights on all rams unless otherwise agreed upon, according to Hazeldean Semen Terms & Conditions on the website. www.hazeldean.com.au

A current list of our semen sires is available on our website: *www.hazeldean.com.au* on our *Merinos page* or contact Jim Litchfield on 02 6453 5555.

Trait contribution to profit

We have been utilising the **7% index** over the last couple of years in order to distribute the selection pressure to **increase wool cut** and **lower micron with a slight boost to live weight**. Staple strength is not forgotten but is maintained to be slightly improved.

The **2018 sale rams were graded using the 7% index** as well as being assessed for **soundness and wool quality.** It's exciting times for the stud with many of our sale rams trait leaders across the industry.

With the introduction of full pedigree and the integration of genomic technologies – we're busy –and it's rewarding to see **our genetics are unparalleled in improving your flock's profitability**.

Merino 7%

CFW (48.7%)
FD (38%)
WT (5.4%)
NLW (2.4%)
SS (5.4%)
WEC (0%)

GFW	Greasy Fleece Weight
CFW	Clean Fleece Weight
FD	Fibre Diameter
WT	Liveweight
NLW	Number of lambs weaned
SS	Staple Strength
WEC	Worm Egg Count

ASBV and Index Percentile Band Table

Analysis **MERINO**   Run date **21-Nov-19**

Animals born in **2018**

Band	Yfd u	Ycfw %	Yfdcv %	Ysl mm	Yss Nktex	NLW %	Ysc cm	Ywec %	Pwt kg	Ywt kg	Yfat mm	Yemd mm	DP+	MP+	FP+
0	-4.6	47.2	-4.2	32.2	14.0	26	7.3	-94	13.4	19.8	6.9	4.9	230.6	219.1	198.9
1	-3.2	32.3	-2.6	22.0	6.8	15	4.7	-83	8.7	11.9	2.0	3.0	193.2	187.0	169.8
2	-3.0	30.1	-2.4	20.5	6.0	13	4.2	-77	8.1	11.0	1.8	2.8	186.2	180.7	165.6
3	-2.8	28.9	-2.3	19.5	5.5	12	3.9	-73	7.7	10.6	1.7	2.6	181.5	176.7	162.8
4	-2.7	28.0	-2.2	18.7	5.1	11	3.7	-70	7.5	10.2	1.5	2.5	177.9	173.7	160.5
5	-2.6	27.2	-2.1	18.0	4.8	10	3.6	-66	7.2	9.9	1.4	2.4	175.1	171.4	158.6
10	-2.3	24.6	-1.8	15.5	3.8	8	3.1	-56	6.3	8.9	1.2	2.0	165.8	163.6	152.5
15	-2.0	22.8	-1.6	13.9	3.1	7	2.8	-48	5.8	8.1	1.0	1.7	160.4	158.9	148.4
20	-1.8	21.3	-1.5	12.7	2.6	6	2.5	-42	5.3	7.5	0.8	1.4	156.3	155.4	145.4
25	-1.7	20.0	-1.3	11.7	2.2	5	2.3	-37	4.9	7.0	0.7	1.2	152.9	152.4	142.9
30	-1.5	18.9	-1.2	10.8	1.8	4	2.2	-32	4.5	6.5	0.5	1.0	150.0	149.8	140.7
35	-1.4	17.8	-1.1	9.9	1.5	3	2.0	-29	4.1	6.1	0.4	0.8	147.6	147.4	138.6
40	-1.3	16.7	-1.0	9.1	1.2	3	1.8	-25	3.8	5.6	0.3	0.7	145.3	145.1	136.8
45	-1.2	15.7	-0.9	8.4	0.9	2	1.7	-22	3.5	5.2	0.2	0.5	143.0	142.9	135.0
50	-1.1	14.6	-0.8	7.7	0.6	1	1.6	-18	3.2	4.8	0.1	0.4	140.9	140.7	133.2
55	-1.0	13.5	-0.7	6.9	0.3	0	1.4	-14	2.8	4.4	0.0	0.2	138.8	138.5	131.5
60	-0.9	12.4	-0.5	6.2	0.0	0	1.3	-10	2.5	4.0	0.0	0.1	136.2	136.2	129.8
65	-0.7	11.2	-0.4	5.4	-0.3	-1	1.1	-6	2.2	3.6	-0.1	0.0	134.6	133.9	128.0
70	-0.6	10.0	-0.3	4.6	-0.7	-1	1.0	-2	1.8	3.1	-0.2	-0.2	132.3	131.5	126.0
75	-0.5	8.6	-0.2	3.7	-1.0	-2	0.9	3	1.4	2.6	-0.3	-0.3	129.8	128.9	123.7
80	-0.3	7.1	0.0	2.6	-1.5	-3	0.7	9	0.9	2.1	-0.5	-0.5	126.9	126.0	121.0
85	-0.1	5.2	0.2	1.3	-2.0	-4	0.5	16	0.4	1.4	-0.6	-0.7	123.4	122.6	117.6
90	0.1	2.7	0.4	-0.5	-2.6	-5	0.2	26	-0.3	0.6	-0.8	-0.9	118.9	118.2	112.9
95	0.5	-1.2	0.8	-3.7	-3.5	-7	-0.3	41	-1.3	-0.5	-1.0	-1.3	111.3	110.9	105.6
96	0.7	-2.4	0.9	-4.7	-3.8	-8	-0.4	44	-1.6	-0.9	-1.1	-1.4	108.8	108.5	103.3
97	0.9	-3.9	1.1	-5.9	-4.2	-9	-0.6	49	-1.9	-1.3	-1.2	-1.5	105.7	105.2	100.1
98	1.2	-5.9	1.3	-7.3	-4.7	-9	-0.9	54	-2.4	-1.8	-1.3	-1.7	100.6	99.8	93.2
99	1.9	-9.3	1.6	-9.3	-5.5	-11	-1.3	64	-3.2	-2.8	-1.5	-1.9	92.3	81.7	69.2
100	5.6	-39.6	4.1	-19.2	-11.4	-19	-4.5	136	-7.8	-8.9	-2.9	-3.8	55.4	25.3	14.7

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MERINOSELECT · ASBV

SHEEP GENETICS
· mla ·

Best of the Best **Ram Sale 2020**

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![Hazeldean Litchfield logo, Est 1865]

Hazeldean Merinos

Way out in front...

Merino Superior Sires
All time Top 50 Sires 1989-2017

★ Half of the top 10 sires for MP+, FP+ & DP+ are Hazeldean Rams or sons of Hazeldean Rams (Hugh No.1 for all indexes)

Merino Superior Sires
Top 50 Sires 2018

★ Half of the top 10 sires for MP+, FP+ & DP are Hazeldean Rams or sons of Hazeldean Rams (Hugh No. 1 for all indexes)

For the top 50 sires for each major index visit merinosuperiorsires.com.au

Our genetic worth is proven - we continue to be leaders in the traits that make the difference.
All giving you higher returns per hectare.
The performance of the Hazeldean sheep is unrivalled in the Merino industry, with the average YCFW nearly double industry average & MP+ index average in the top 5%.
Semen from our top sires available   www.hazeldean.com.au

Hazeldean Hugh 11-003542 Sire: *Stockman Jim* Mat Grand Sire: *Haz 9558*
SGA ID: 500383-2011-003542

Hugh continues to makes an enormous impact across Australia with semen used in many leading studs and flocks. Sired by Stockman Jim out of a HAZ 2.9558 ewe, he is a trait leader for Yearling Clean Fleeceweight, Yearling Fibre Diameter and Yearling Staple Strength and is at the top of the MP+ and FP+ indexes. Hugh is one of the highest accuracy sires in Australia with over 4800 progeny recorded on SGA

- **Top of the breed for FP+ and MP+ indexes**
- **Top 1% for Fleece weight**
- **Super Sound Structure**

Semen available

TAG	POLL	YCFW	YFD	YDCV	YSS	YSL	YWT	YWEC	FP+	MP+	DP+
3542	PH	35.6	-2.4	0.1	3.6	1.9	2.6	80	196	233	242

Hazeldean 13-4936 Sire: *Haz Hugh 3542* Mat Grand Sire: *Haz 9558*
SGA ID: 500383-2013-004936

Hazeldean Oscar is a son of Hugh and has become a well proven sire at Hazeldean. Oscar carries two crosses of the outstanding Hazeldean 2-9558 in his pedigree as well as Hugh. Oscar has performed very well in sire evaluations - 2017 SA Central Test Sire and 2017 Macquarie and has recently been selected as a link sire by Australian Merino Sire Evaluation (AMSEA) Executive Officer Ben Swain to be used in 2 sire evaluation sites for 2020 matings. Oscar has been selected as a result of his high accuracy and connectedness through Sheep Genetics and AMSEA and because he is unusually plain bodied relative to his fleeceweight and fibre ASBVs.

- **Trait leader across all Sheep Genetics indexes**
- **Top 1% for YCFW, top 10% for YFD**
- **Super Sound Structure**

Semen available

TAG	POLL	YCFW	YFD	YDCV	YSS	YSL	YWT	YWEC	FP+	MP+	DP+
4936	PH	32.3	-2.1	0.1	-0.8	5.9	1.2	106	171	206	209

Hazeldean 12-004030   Sire: *Nerstane 121*   Dam *unknown*
SGA ID: 500383-2012-004030

Hazeldean 4030 is a beautifully balanced sire with exceptional fleece weight. His progeny are moderate framed, plainer bodied sheep cutting an enormous amount of wool relative to bodyweight making 4030 a standout when returns per hectare are considered. A trait leader for all indexes and with over 1600 progeny analysed on SGA, 4030 is a super high accuracy sire.

- **Top 1% YCFW**
- **Top 1% all indexes**
- **Top 10% YSL**

Semen available

TAG	POLL	YCFW	YFD	YDCV	YSS	YSL	YWT	YWEC	FP+	MP+	DP+
4030	HH	36.7	-1.3	0.1	3.1	14.8	3.4	-11	173	187	171

Hazeldean 16-00128   Sire: *Haz 0043*   Mat Grand Sire: *Haz 4415*
SGA ID: 500383-2016-000128

Hazeldean 16000128 is an emerging PP sire at Hazeldean with a strong pedigree behind him in sire Hazeldean 11.43 and Stockman Jim on his maternal side. Identified as a standout in 2016, 16.128 progeny are shaping up well. Great structure, excellent wool type and performance to match. Hazeldean 128 is a trait leader for Yearling Clean Fleece Weight and all indexes.

- **Top 10% Fleece weight**
- **Top 1% MP+Index**
- **Top 5% FP+ & DP+**

Semen available

TAG	POLL	YCFW	YFD	YDCV	YSS	YSL	YWT	YWEC	FP+	MP+	DP+
00128	PP	24.7	-1.8	-0.8	1.9	5.9	6.4	19	161	177	174

Hazeldean 16-000183   Sire: *Bundilla 111265* Mat Grand Sire: *CP907538*

SGA ID: 500383-2016-000183

Hazeldean 16000183 is another promising young sire, tested through our progeny test program. A good outcross line with Bundilla 111265 as his sire out of a Centre Plus 97538 ewe. 16.183 progeny are cutting good volumes of stylish wool off plainer bodies. We are excited to see the progression of this young sire.

- **Top 5% Fleece weight & Fibre diameter**
- **Top 5% yearling weight**
- **Top 5% MP+**

Semen available

TAG	POLL	YCFW	YFD	YDCV	YSS	YSL	YWT	YWEC	FP+	MP+	DP+
0183	PP	25.4	-2.4	0.1	-7.5	6.5	10.3	-7	147	160	153

Hazeldean 16-002165   Sire*: Haz 4059* Mat Grand Sire: *Haz 4337*

SGA ID: 500383-2016-002165

Hazeldean 16002165 is a standout son of Hazeldean super sire 12.4059 that has been progeny tested at Hazeldean with some excellent results coming through – great fleece performance and body type. 2165 is a trait leader for Yearling & Adult Clean Fleece Weight, Fibre diameter and all indexes

Semen available

TAG	POLL	YCFW	YFD	YDCV	YSS	YSL	YWT	YWEC	FP+	MP+	DP+
2165	PH	29.8	-2.2	-0.7	-4.3	4.9	5.8	-18	163	171	156

Hazeldean 15-003202   Sire: *Haz Hugh 3542*   Dam *unknown*

SGA ID: 500383-2015-003202

TAG	POLL	YCFW	YFD	YDCV	YSS	YSL	YWT	YWEC	FP+	MP+	DP+
3202	PH	18.8	-2.5	-0.3	-2.2	-1.7	-0.5	35	163	178	178

Hazeldean 15-003374   Sire: *CPP 907538*   Mat Grand Sire: *Ner 80121*

SGA ID: 500383-2015-003374

TAG	POLL	YCFW	YFD	YDCV	YSS	YSL	YWT	YWEC	FP+	MP+	DP+
3374	PH	27.9	-2.4	-1	-1.9	12.3	8.3	-8	163	173	158

Hazeldean 15-004249   Sire: *Haz Hugh 3542*   Dam *unknown*

SGA ID: 500383-2015-004249

TAG	POLL	YCFW	YFD	YDCV	YSS	YSL	YWT	YWEC	FP+	MP+	DP+
4249	PH	26	-2.5	0.2	-4.0	8.0	1.3	-	148	153	135

Top 1% of Industry   Top 5% of Industry   Top 10% of Industry

Hazeldean Reference Sires Summary ASBV's

TAG	POLL	YCFW	YFD	YDCV	YSS	YSL	YWT	YWEC	FP+	MP+	DP+
3542	PH	35.6	-2.4	0.1	3.6	1.9	2.6	80	196	233	242
4936	PH	32.3	-2.1	0.1	-0.8	5.9	1.2	106	171	206	209
4030	HH	36.7	-1.3	0.1	3.1	14.8	3.4	-11	173	187	171
0128	PP	24.7	-1.8	-0.8	1.9	5.9	6.4	19	161	177	174
0183	PP	25.4	-2.4	0.1	-7.5	6.5	10.3	-7	147	160	153
2165	PH	29.8	-2.2	-0.7	-4.3	4.9	5.8	-18	163	171	156
3202	PH	18.8	-2.5	-0.3	-2.2	-1.7	-0.5	35	163	178	178
3374	PH	27.9	-2.4	-1	-1.9	12.3	8.3	-8	163	173	158
4249	PH	26	-2.5	0.2	-4.0	8.0	1.3	-	148	153	135
Breed Av		14.2	-1.0	-0.7	0.5	7.3	4.4	-15	138	146	146

Top 1% of Industry   Top 5% of Industry   Top 10% of Industry

HAZELDEAN BEST OF THE BEST RAM SALE 2020 ASBV SUMMARY

LOT	Visual Id	Birth Date	Sire	Maternal Grand Sire	Horn	YWT	YFAT	YEMD	YFD	YCFW	YFDCV	YSS	YSL	MP+	7%
1	18003018	17/08/2018	15003374	13004936	PH	5.59	-0.50	-0.45	-2.24	28.83	-0.45	0.28	13.51	186.42	203.40
2	18003344	17/08/2018	15004026	13004936	PH	1.49	-0.74	-1.50	-2.21	23.10	-0.86	1.11	0.64	178.37	188.90
3	18000073	1/08/2018	11003542	WP082017	PH	2.58	-0.64	1.03	-1.62	32.33	-0.74	6.22	4.46	197.92	202.01
4	18000117	1/08/2018	11003542	8000333	PH	3.28	-0.75	-0.39	-1.93	35.24	0.68	1.25	6.53	202.61	200.23
5	18000115	1/08/2018	11003542	8000333	HH	2.91	-0.42	-0.76	-1.76	35.04	0.14	0.94	9.22	200.31	199.75
6	18002288	17/08/2018	16000128	12004059	PH	4.25	-0.08	-0.75	-2.03	25.10	-0.14	3.00	5.47	184.94	199.43
7	18000387	1/08/2018	12004030	13004934	HH	3.58	-0.36	-0.22	-1.26	30.02	-1.11	4.32	7.99	183.31	196.85
8	18003048	17/08/2018	11003542	14001012	HH	4.60	-0.27	-0.22	-1.86	28.87	-0.12	1.83	3.22	198.89	195.95
9	18000196	1/08/2018	11003542	8000333	HH	2.41	-0.45	0.37	-2.10	27.48	-1.05	2.66	8.38	193.02	193.44
10	18000154	1/08/2018	11003542	14001012	HH	2.74	-0.28	0.38	-1.24	27.72	-1.05	5.80	3.70	194.85	190.74
11	18002931	17/08/2018	13004936	12004030	PH	2.24	-1.01	0.67	-1.90	30.60	-0.20	0.28	8.31	195.68	200.85
12	18002333	17/08/2018	16000183	11003542	PH	5.48	-0.19	-0.54	-2.30	19.03	-0.82	-0.73	5.32	168.68	177.69
13	18000075	1/08/2018	11003542	14004110	PP	4.01	-0.47	0.31	-1.23	28.32	-1.71	6.35	4.54	191.27	187.68
14	18002917	17/08/2018	13004936	14001056	PH	1.88	-0.81	-0.04	-2.23	23.09	-1.14	-0.44	4.76	184.62	185.49
15	18000171	1/08/2018	11003542	10005106	PH	4.42	0.26	-0.59	-1.97	18.17	-1.43	3.47	1.57	184.33	188.15
16	18002454	17/08/2018	16000128		PP	6.02	0.69	0.32	-1.94	17.49	-0.70	-1.88	7.21	162.56	179.89
17	18003558	17/08/2018	16002165		PP	4.28	-0.16	0.07	-1.93	18.37	-0.69	-1.68	3.85	157.24	179.07
18	18003818	17/08/2018	15003374	12004059	PH	8.52	0.17	1.08	-2.28	23.40	-0.79	-7.26	11.16	161.06	179.06
19	18002285	17/08/2018	15004249	12004652	HH	1.36	-0.68	-1.00	-2.02	23.99	0.16	-1.95	5.70	154.90	179.02
20	18001277	8/08/2018	11003542			2.49	-0.14	-0.94	-2.54	18.07	-0.23	-1.06	-1.15	181.43	178.76
21	18001086	8/08/2018	11003542			1.03	0.09	0.50	-2.26	17.48	-0.37	2.05	0.14	181.18	178.21
22	18003641	17/08/2018	16001873	12004059	HH	5.08	-0.33	-0.94	-2.63	20.39	0.74	-8.18	3.76	163.43	177.73
23	18002482	17/08/2018	16000183	11004242	PH	3.55	-0.60	0.06	-2.63	22.39	0.20	-3.87	4.28	163.24	183.16
24	18002958	17/08/2018	15003052	12000232	HH	5.56	0.17	0.61	-1.35	21.54	-0.51	1.66	5.90	169.27	176.69
25	18003072	17/08/2018	15003202	12004030	PH	1.54	0.06	-0.01	-2.21	20.24	0.21	-3.70	0.82	168.94	175.07
26	18001139	8/08/2018	11003542			2.83	-0.36	-0.22	-1.54	22.53	-0.56	0.81	4.04	180.31	174.45
27	18002540	17/08/2018	15004249	11004613	PH	1.98	-0.50	-0.44	-2.41	22.59	0.29	-5.63	5.05	151.70	173.88
28	18002294	17/08/2018	16000128	12004168	HH	4.12	0.29	0.02	-1.93	17.85	0.26	-1.96	4.84	158.57	173.74
29	18003210	17/08/2018	15003072	14005577	HH	3.79	-0.35	0.30	-1.58	24.43	0.03	-3.85	6.06	171.82	173.59
30	18002798	17/08/2018	16002165	12004043	PH	2.17	-0.57	-0.22	-1.78	25.73	-0.42	-7.45	2.58	154.82	172.26
31	18002739	17/08/2018	16000128	12004689	PH	5.38	0.45	0.28	-1.63	21.85	-0.16	-3.49	7.49	161.99	171.57
32	18001853	8/08/2018	12004030			2.21	-0.62	-0.50	-1.51	22.07	-0.15	-3.01	9.97	155.69	171.06
33	18003101	17/08/2018	15003202	8004092	PH	-1.16	-1.27	-2.12	-2.41	22.73	0.82	-6.08	5.80	174.06	169.39
34	18002469	17/08/2018	16000128	12004652	PH	2.75	0.24	0.05	-1.62	20.97	0.18	-3.86	3.52	150.53	163.61
HAZELDEAN BEST OF THE BEST SALE TEAM 2020 ASBV AVERAGES						3.38	-0.30	-0.16	-1.94	24.03	-0.34	-0.71	5.25	175.53	183.55
MERINOSELECT 2018 DROP AVERAGES						4.40	0.10	0.30	-1.00	14.20	-0.70	0.50	7.30	137.00	141.00
						TOP 30%			TOP 5%				TOP 1%		

HAZELDEAN
LITCHFIELD

Lot: 1   Horn: PH   Tag No: 18003018

Sire: CP907538   Sire: 13004936

Sire: 15003374   **Dam: 16002774**

Dam: 12004034   Dam: 11004669

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.24	28.83	-0.45	5.59	0.28	186.42	18.2	5	58.25
75%	67%	66%	74%	62%		17.7	6.1	40.12

Buyer _____   **$** _____

Lot: 2   Horn: PH   Tag No: 18003344

Sire: 12004059   Sire: 13004936

Sire: 15004026   **Dam: 16002773**

Dam: 09003572   Dam: 13005828

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.21	23.10	-0.86	1.49	1.11	178.37	16.4	4.8	54.09
77%	70%	69%	74%	65%		18.5	5.6	41.71

Buyer _____   **$** _____

Lot: 3   Horn: PH   Tag No: 18000073

Sire: ST020603   Sire: WP082017

Sire: 11003542   **Dam: 14000680**

Dam: 07005452   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.62	32.33	-0.73	2.58	6.21	197.92	18.8	4.6	51.11
77%	71%	71%	75%	69%		20.7	6.4	40.89

Buyer _____   **$** _____

Top 1%	Top 5%	Top 30%

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Lot:	4	Horn: PH	Tag No: 18000117

Sire: ST020603   Sire: 08000333

Sire: 11003542   **Dam: 12006027**

Dam: 07005452   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.93	35.23	0.68	3.28	1.25	202.61	19	5.6	31.58
78%	72%	72%	75%	69%		20.3	7.3	41.24

Buyer _____   **$** _____

Lot:	5	Horn: HH	Tag No: 18000115

Sire: ST020603   Sire: 08000333

Sire: 11003542   **Dam: 12005971**

Dam: 07005452   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.76	35.04	0.14	2.91	0.94	200.31	18.2	5	22.85
78%	72%	72%	75%	69%		20.4	7.8	35.85

Buyer _____   **$** _____

Lot:	6	Horn: PH	Tag No: 18002288

Sire: 11000043   Sire: 12004059

Sire: 16000128   **Dam: 15004012**

Dam: 13000553   Dam: 12004284

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.03	25.10	-0.14	4.25	3.00	184.94	17.5	4.5	35.77
77%	70%	69%	74%	66%		18.4	5.1	65.03

Buyer _____   **$** _____

Top 1%	Top 5%	Top 30%

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HAZELDEAN
LITCHFIELD

Lot:	7	Horn: HH		Tag No:	18000387

Sire: NR080121   Sire: 13004934

Sire: 12004030   **Dam: 16002690**

Dam: Dam: 11004440

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.26	30.02	-1.11	3.58	4.32	183.31	18.6	5.7	52.63
78%	72%	71%	75%	68%		21.3	7.8	37.46

Buyer _____   **$** _____

Lot:	8	Horn: HH		Tag No:	18003048

Sire: ST020603   Sire: 14001012

Sire: 11003542   **Dam: 16002988**

Dam: 07005452   Dam: 12000937

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.86	28.87	-0.12	4.60	1.82	198.89	18.1	5	24.31
78%	72%	72%	75%	69%		18.5	6	47.16

Buyer _____   **$** _____

Lot:	9	Horn: HH		Tag No:	18000196

Sire: ST020603   Sire: 08000333

Sire: 11003542   **Dam: 12005971**

Dam: 07005452   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.10	27.48	-1.05	2.41	2.66	193.02	17.8	4.5	39.08
78%	72%	72%	75%	69%		18.1	5.2	32.92

Buyer _____   **$** _____

Top 1%	Top 5%	Top 30%

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HAZELDEAN
LITCHFIELD

Lot:	10	Horn:	HH	Tag No:	18000154

Sire: ST020603   Sire: 14001012

Sire: 11003542   **Dam: 16003043**

Dam: 07005452   Dam: 14002341

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.24	27.71	-1.05	2.74	5.80	194.85	19.4	5.5	45.3
78%	72%	71%	74%	68%		20.8	7.2	35.64

Buyer _____   **$** _____

Lot:	11	Horn:	PH	Tag No:	18002931

Sire: 11003542   Sire: 12004030

Sire: 13004936   **Dam: 16001903**

Dam: 07005229   Dam: 13004413

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.90	30.60	-0.20	2.24	0.28	195.68	19.3	4.4	15.38
78%	72%	72%	75%	69%		18.1	6.1	61.91

Buyer _____   **$** _____

Lot:	12	Horn:	PH	Tag No:	18002333

Sire: BUNDILLA111265   Sire: 11003542

Sire: 16000183   **Dam: 14005219**

Dam: 13000130   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.30	19.03	-0.82	5.48	-0.73	168.68	16.5	4.4	48.73
76%	69%	68%	74%	64%		17.9	5.4	27.48

Buyer _____   **$** _____

Top 1%	Top 5%	Top 30%

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HAZELDEAN
LITCHFIELD

Lot: 13	Horn: PP	Tag No: 18000075

Sire: ST020603   Sire: 14004110

Sire: 11003542   **Dam: 16003721**

Dam: 07005452   Dam: 14000182

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.23	28.32	-1.71	4.01	6.35	191.27	19.4	4.6	48.27
78%	72%	71%	75%	69%		20.5	5.4	39.1

Buyer _____ **$** _____

Lot: 14	Horn: PH	Tag No: 18002917

Sire: 11003542   Sire: 14001056

Sire: 13004936   **Dam: 16003147**

Dam: 07005229   Dam: 14004200

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.23	23.09	-1.14	1.88	-0.43	184.62	18.1	4.1	21.82
78%	72%	72%	76%	69%		18	5.2	44.56

Buyer _____ **$** _____

Lot: 15	Horn: PH	Tag No: 18000171

Sire: ST020603   Sire: 10005106

Sire: 11003542   **Dam: 12004831**

Dam: 07005452   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.97	18.17	-1.43	4.42	3.47	184.33	18.5	3.9	34.96
79%	73%	72%	75%	69%		18.4	5.5	39.69

Buyer _____ **$** _____

Top 1%	Top 5%	Top 30%

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HAZELDEAN
LITCHFIELD

Lot: 16 — Horn: PP — Tag No: 18002454

Sire: 11000043
Sire: 16000128
Dam: 13000553

Sire:
Dam:
Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.94	**17.49**	**-0.69**	**6.02**	**-1.88**	**162.56**	**19.1**	**4.4**	**38.32**
74%	66%	65%	72%	62%		17.7	5.5	41.65

Buyer _____ **$** _____

Lot: 17 — Horn: PP — Tag No: 18003558

Sire: 12004059
Sire: 16002165
Dam: 13005823

Sire:
Dam:
Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.93	**18.37**	**-0.69**	**4.28**	**-1.68**	**157.24**	**17.6**	**5.2**	**30.33**
74%	66%	65%	72%	61%		18.6	7.1	44.69

Buyer _____ **$** _____

Lot: 18 — Horn: PH — Tag No: 18003818

Sire: CP907538
Sire: 15003374
Dam: 12004034

Sire: 12004059
Dam: 16002130
Dam: 12006158

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.28	**23.40**	**-0.79**	**8.52**	**-7.26**	**161.06**	**17.7**	**4.6**	**26.11**
76%	68%	67%	74%	63%		17.7	4.9	20.02

Buyer _____ **$** _____

Top 1% | Top 5% | Top 30%

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HAZELDEAN
LITCHFIELD

Lot:	19	Horn:	HH		Tag No:	18002285

Sire: 13000127   Sire: 12004652

Sire: 15004249   **Dam: 14005616**

Dam: 12005977   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.02	**23.99**	**0.16**	**1.36**	**-1.95**	**154.90**	**18.3**	**5.2**	**13.34**
76%	69%	68%	74%	64%		**18.5**	**6.4**	**61.22**

Buyer _____   **$** _____

Lot:	20	Horn:			Tag No:	18001277

Sire: ST020603   Sire:

Sire: 11003542   **Dam:**

Dam: 07005452   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.54	**18.07**	**-0.23**	**2.49**	**-1.06**	**181.43**	**17.2**	**4.6**	**14.77**
75%	68%	68%	73%	65%		**17.7**	**5.1**	**32.75**

Buyer _____   **$** _____

Lot:	21	Horn:			Tag No:	18001086

Sire: ST020603   Sire:

Sire: 11003542   **Dam:**

Dam: 07005452   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.26	**17.48**	**-0.37**	**1.03**	**2.05**	**181.18**	**17.6**	**5.4**	**19.37**
75%	68%	68%	73%	65%		**18.4**	**5.2**	**51.66**

Buyer _____   **$** _____

Top 1%	Top 5%	Top 30%

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HAZELDEAN
LITCHFIELD

Lot:	22	Horn: HH			Tag No:	18003641	

Sire: 12004030   Sire: 12004059

Sire: 16001873   **Dam: 15003881**

Dam: 13004520   Dam: 10005824

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.63	20.39	0.74	5.08	-8.18	163.43	15.8	4.1	17.73
77%	70%	70%	75%	67%		17.5	5.4	24.73

Buyer _____   **$** _____

Lot:	23	Horn: PH			Tag No:	18002482	

Sire: BUNDILLA111265   Sire: 11004242

Sire: 16000183   **Dam: 15005091**

Dam: 13000130   Dam: 13005054

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.63	22.39	0.20	3.55	-3.87	163.24	17.7	4.8	38.33
77%	70%	69%	74%	66%		17.2	5.3	43.83

Buyer _____   **$** _____

Lot:	24	Horn: HH			Tag No:	18002958	

Sire: 11003542   Sire: 12000232

Sire: 15003052   **Dam: 16009310**

Dam: 11005319   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.35	21.54	-0.51	5.56	1.66	169.27	19.4	5.2	59.77
75%	67%	65%	73%	61%		19.1	5.4	23.77

Buyer _____   **$** _____

Top 1%	Top 5%	Top 30%

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Lot: 25　　Horn: PH　　Tag No: 18003072

Sire: 11003542　　　　　　　Sire: 12004030

Sire: 15003202　　　　　　**Dam: 16001973**

Dam: 11003521　　　　　　　Dam: 14006271

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.21	**20.24**	**0.21**	**1.54**	**-3.70**	**168.94**	**18.1**	**4**	**22.14**
77%	70%	69%	73%	65%		**17.9**	**5.1**	**28.85**

Buyer _____　　**$** _____

Lot: 26　　Horn: 　　Tag No: 18001139

Sire: ST020603　　　　　　　Sire:

Sire: 11003542　　　　　　**Dam:**

Dam: 07005452　　　　　　　Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.54	**22.53**	**-0.56**	**2.83**	**0.81**	**180.31**	**19.4**	**5.2**	**14.48**
75%	68%	68%	73%	65%		**19.1**	**5.7**	**43.54**

Buyer _____　　**$** _____

Lot: 27　　Horn: PH　　Tag No: 18002540

Sire: 13000127　　　　　　　Sire: 11004613

Sire: 15004249　　　　　　**Dam: 15001227**

Dam: 12005977　　　　　　　Dam: 12001056

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.41	**22.59**	**0.29**	**1.98**	**-5.63**	**151.70**	**18.2**	**5**	**19.13**
76%	68%	68%	73%	65%		**17.7**	**6.6**	**29.97**

Buyer _____　　**$** _____

Top 1%	Top 5%	Top 30%

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Lot:	28	Horn:	PH	Tag No:	18002294

Sire: 11000043   Sire: 12004168

Sire: 16000128   **Dam: 15093366**

Dam: 13000553   Dam: 13004514

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.93	**17.85**	**0.26**	**4.12**	**-1.96**	**158.57**	**17.2**	**5.9**	**11.99**
74%	66%	65%	72%	62%		18.5	7	51.4

Buyer _____   **$** _____

Lot:	29	Horn:	HH	Tag No:	18003210

Sire: 11003542   Sire: 14005577

Sire: 15003073   **Dam: 16003822**

Dam: 12005725   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.58	**24.43**	**0.03**	**3.79**	**-3.85**	**171.82**	**18.3**	**3.9**	**44.23**
74%	65%	64%	72%	61%		18.8	5.6	19.94

Buyer _____   **$** _____

Lot:	30	Horn:	PH	Tag No:	18002798

Sire: 12004059   Sire: 12004043

Sire: 16002165   **Dam: 14005954**

Dam: 13005823   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.78	**25.73**	**-0.42**	**2.17**	**-7.45**	**154.82**	**18.6**	**4.2**	**16.13**
77%	69%	69%	74%	65%		18.5	6.1	14.59

Buyer _____   **$** _____

Top 1%	Top 5%	Top 30%

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Lot:	31		Horn:	PH		Tag No:		18002739

Sire: 11000043 — Sire: 12004689

Sire: 16000128 — **Dam: 14005720**

Dam: 13000553 — Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.63	**21.85**	**-0.16**	**5.38**	**-3.49**	**161.99**	**18.3**	**4.6**	**18.28**
77%	70%	69%	74%	65%		**19**	**5.3**	**41.1**

Buyer _____ **$** _____

Lot:	32		Horn:			Tag No:		18001853

Sire: NR080121 — Sire:

Sire: 12004030 — **Dam:**

Dam: — Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.51	**22.07**	**-0.15**	**2.21**	**-3.01**	**155.69**	**18.9**	**4.5**	**35.31**
75%	68%	67%	72%	65%		**18.1**	**5.8**	**19.42**

Buyer _____ **$** _____

Lot:	33		Horn:	PH		Tag No:		18003101

Sire: 11003542 — Sire: 08004092

Sire: 15003202 — **Dam: 12004773**

Dam: 11003521 — Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-2.41	**22.73**	**0.82**	**-1.16**	**-6.08**	**174.06**	**18.3**	**4.8**	**20.59**
77%	70%	70%	74%	66%		**18.5**	**5.8**	**35.54**

Buyer _____ **$** _____

| Top 1% | Top 5% | Top 30% |

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| Lot: | 34 | Horn: | PH | | Tag No: | 18002469 |

Sire: 11000043   Sire: 12004652

Sire: 16000128   **Dam: 14005620**

Dam: 13000553   Dam:

Australian Sheep Breeding Values 21 November 2019						Wool Test Results 22/5/19 & 19/11/19		
yFDµm	yCFW%	yFDCV%	yWT kg	ySS	MP+	Micron	GFW	SS
-1.62	**20.97**	**0.18**	**2.75**	**-3.86**	**150.53**	**19.8**	**5.4**	**19.26**
77%	70%	69%	74%	65%		**19**	**6**	**24.74**

Buyer _____   **$** _____

Notes

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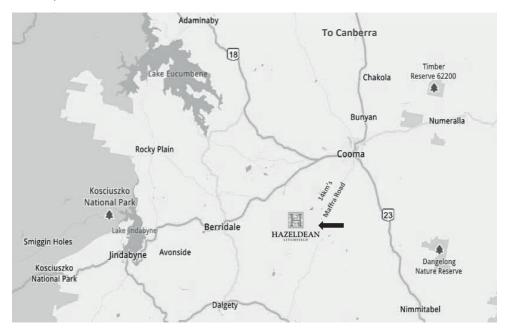
Notes

Directions to Hazeldean from Cooma

If you are entering Cooma from the Canberra (Eastern) end turn left at the first roundabout in the centre of town by the park. If entering from the Jindabyne (Western) it will be a right turn at the second roundabout. Follow this street, Bombala St, (also the Snowy Mountains Highway to Bega and the South Coast) until you reach a bridge over the Cooma Creek on the outskirts of town. Turn right just before the bridge. The sign says Bobundara 34 and also Church Rd.

Follow this road exactly 14kms from the turn and the Hazeldean mailbox and entrance is on the right - about 1 km past the only bridge you cross on the Bobundara Rd.

Airports

Hazeldean is located 1.5 hours' drive south of Canberra near Cooma. There are daily flights from all Capital cities to Canberra airport. Hazeldean is 20 minutes from the Snowy Mountains/Cooma Airport which is all weather and has lights. For privately chartered aircraft please contact 02 6452 5999 for more details.

Where to stay

Altair Motel
192 Sharp Street
02 6452 1211

Nebula Motel
42 Bombala Street
02 4552 4133

White Manor Motel
252 Sharp Street
02 6452 1152

When booking mention you are coming for the Hazeldean sale and they will give you a great deal!

Best of the Best Ram Sale 2020

HAZELDEAN

LITCHFIELD

EST 1865

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