

FARRER MEMORIAL AGRICULTURAL HIGH SCHOOL



WHITE SUFFOLK STUD

2022

(UPDATED 10/8/2022)

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1.0 STUD INFORMATION

(Est. 1984 Flock No.0139)



**LOT 38: Farrer 200162 (Sire: Langley Heights 180231)
sold to Anden White Suffolk for \$11,100**

28th Annual on property Ram Sale Wednesday 7th September 2022

Brucellosis Accredited

MN 3 OJD Status

Independently Structurally Assessed

SuperWhites Member

★★★★★ STAR Data Quality Score

Farrer Memorial Agricultural High School

585 Calala Lane Tamworth NSW 2340

1.1 History of the Farrer White Suffolk Stud



In 1984 Farrer obtained their first White Suffolk sheep from the University of N.S.W at Hay. In subsequent years Farrer became a foundation member shareholder in the performance breeding group Prime Lamb Genetics (PLG). This valuable relationship has enabled Farrer to obtain some of the best genetics the White Suffolk Breed has to offer. After PLG disbanded in 2005 Farrer joined the White Suffolk performance group called Superwhites® to become involved in testing the next generation of elite sires. Recently, this includes some of Farrer's own Farrer 200044, Farrer 200086, Farrer 190111 Farrer 180178, 180273 and 170015.

Farrer's breeding program is centred on a sound combination of genetic principles and practical experience with the aim of breeding modern, profit making sires for commercial lamb production. Emphasis is placed on; Low birth weights, high growth, moderate fat, high muscle content, excellent worm resistance, other carcase traits, structural soundness and fertility.

Objective measurement and performance recording have been the corner stone of the Farrer White Suffolk stud from the very start. Initially starting out with the NSW Department of Agriculture Meat Sheep Testing Service and graduating on to Lambplan® since its conception. Farrer places great deal of emphasis to ensure the accuracy and integrity of data supplied to Lambplan. This has enabled Farrer to achieve Gold Quality Lambplan Data since 1997. DNA 50K SNP testing for hard to measure carcase traits started in 2012.

Farrer's White Suffolk prefix sheep regularly appear amongst the Elite list of White Suffolk sheep in Australia based on Lamb Eating Quality index. Farrer's most influential and most widely used sires to date are Farrer 040074, Farrer 100135 and Farrer 140188. Farrer has also competed at the Annual New South Wales Sheep Show at Dubbo since 1996 with the Farrer 080034 being crowned Supreme White Suffolk exhibit in 2009. In 2016 Farrer 140107 Champion White Suffolk ewe.

Farrer conducted its inaugural On – Property Ram Sale in 1995. This sale was held at the shearing shed and opened by the sheep meat industry leader and old boy Roger Fletcher. In 1997 Farrer introduced the relatively new Helmsman buying system and continued on ever since because of its overwhelming success with purchasers. In 2014 and 2015 Farrer 130254 and 140188 both sold respectively to an on property sale record of \$17000. Since 2012 the sale has moved totally indoors to the Farrer Trade Training Centre. Farrer sale rams are keenly sought after and have been sold to most states in Australia. Thus facilitated our involvement in AuctionsPlus since 2016.

The Farrer White Suffolk stud continues as an “Educational stud” and plays an integral part in the delivery of Year 9 - 10 Board Endorsed Animal Management unit called Wool Science. Students are actively involved in the direction and management of the stud. Their contributions include; sire selection, crutching, shearing the sheep including the sale rams, vaccinating, drenching, lamb supervision, DNA testing, and helping conduct the annual artificial insemination program, lambplan testing, pregnancy scanning and ram sale.



1.2 Calendar of Operations 2022

The management calendar is structured to fit directly around the students at Farrer to ensure they are able to undertake or be directly involved in each and every activity. Thus some activities change slightly each year to accommodate changes in school timetables.

January	LAMBPLAN testing using accredited operators. Selection of Dubbo Show team.
February	Prepare for Artificial Insemination. Supplementary feeding of ewes if applicable.
March	After analysing the Lambplan data and structural soundness <ol style="list-style-type: none"> 1. - Select 2 – 3 back up rams from previous ram lamb drop 2. - Select possible SuperWhite Nominations 3. - Select sale rams 4. - DNA testing Hypotrichosis testing of backup rams 5. - Select replacement ewes <ol style="list-style-type: none"> 1. - Surplus young ewes to Lamb Competition Artificial insemination of all mature ewes.
April	14 days after AI backup rams are placed out with ewes for 6 weeks.
May	Dubbo Show - Stud Stock / Prime Lamb Competition Northern Schools Prime Lamb Competition
June	Shearing White Suffolk Sale Rams
July	Pre lambing: <ul style="list-style-type: none"> - Crutch - Booster vaccination for ewes and sale rams 6 in 1 and Drench - Side branding of ewes for ease of ewe identification at lambing
August	Lambing Commences (8 weeks) <ol style="list-style-type: none"> 1. - Twice a day lambing rounds 2. - TSU sampling, Electronic tag and record ID, Sire, Dam, Sex, Date of birth, Birth type, lambing ease, distance from lamb, and other comments.
September	Lamb Marking - Tail Dock, 1st Vaccinate 6 in 1 Shear rams , Structural Assessment of Farrer Sale Rams. Vet inspection of sale rams. 7th September Farrer White Suffolk Ram Sale 2022
October	Lamb 2nd Vaccination 6 in 1 Wool Harvesting - Shear Ewes
November	Wean lambs, record date, weight, rearing type, management group and check sex. Structural assessment of ALL breeding ewes. Sale of excess ewes.
December	WEC Sampling of young rams and ewes.

1.3 Breeding Objectives

The Farrer breeding program is centered on a sound combination of genetic principles and practical experience with the aim of breeding modern, profit-making sires for commercial lamb production.

Our breeding objective is to select and breed for:

- Easy lambing (Low birth weights)
- High growth rate
- Moderate Leanness
- Muscling (high Eye Muscle Depth)
- Worm resistance (low WEC)
- Carcase Qualities (LMY, IMF, SHEARF5)
- Fertility
- Structural soundness (Rams are independently assessed since 2009)
- Lack of Pigmentation

Farrer uses the LEQ index to help in breeding and selecting ewes that are retained in the stud and those rams used as backup rams and offered for sale.

All breeding females have been genomics DNA tested for LMY, IMF & SF5 since 2016



Farrer 180178 (Sire: Felix 151229)

1.4 Previously Used Sires

Farrer aims to source potential sires with well- balanced performance figures on Lambplan, (low birth weight, high growth rate, moderate leanness and high eye muscle depth). The sire must also have some carcase qualities (LMY, IMF, SHEARF5) be structurally sound and lack pigmentation. The most recently used sires include:

2022

Farrer 190111	Felix 201156 (SuperWhites)
Langley Heights 180231	Ashmore 200896 (SuperWhites)
Felix 191175	Farrer 210024 (Natural)
Felix 200145	Farrer 210099 (Natural)
Farrer 200044	Farrer 210162 (Natural)
Farrer 200086	Farrer 210167 (Natural)
Ashmore 170986	

2021

Farrer 190111	Ella Matta 190092 (SuperWhites)
Langley Heights 180231	Gemini 190450 (SuperWhites)
Felix 191175	Langley Heights 170497 (SuperWhites)
Farrer 160068	Linton 160625 (PD)
Farrer 200044 (Natural)	Farrer 200162 (Natural)
Farrer 200086 (Natural)	Farrer 200158 (Natural)
Farrer 200172 (Natural)	

2020

Ella Matta 150097	Felix 180850 (SuperWhites)
Langley Heights 180231	Waratah 180007 (SuperWhites)
Ashmore 170986	Farrer 160068
Farrer 140019	Farrer 180273
Farrer 190028 (Natural)	Farrer 190111 (Natural)
Farrer 190074 (Natural)	Farrer 190225 (Natural)
Farrer 190134 (Natural)	

2019

Woolumbool 173980 (Superwhites)	Felix 151229 (Link Sire SuperWhites)
Felix 170842 (SuperWhites)	Ella Matta 170300
Ashmore 150340	Felix 170761
Farrer 140019	Farrer 180178 (Natural)
Farrer 180177 (Natural)	Farrer 180273 (Natural)
Farrer 180159 (Natural)	

Farrer uses artificial insemination in an effort to maximize genetic progress and allow us better access to a diverse range of performance sires from within the White Suffolk breed and outside if exceptional sires appear. Another advantage of artificial insemination is it allows us better genetic linkage within the White Suffolk breed. This helps us further improve the accuracies of our high quality Lambplan data.

1.5 Performance

Farrer is a strong advocate of performance recording. At birth, animals are electronically tagged and recorded for birth weight, birth type, sex, sire, dam, lambing ease, distance from her lamb and comments on the ewes mothering ability.



Animals are not removed from the flock until all animals are weighed and scanned by an accredited lambplan operator at the post weaning age of 5 to 6 months. This enables the most accurate assessment of each animal's genetic potential and allows us to select further breeding and sale stock with confidence.

Farrer uses LAMBPLAN to provide accurate information on the genetic merit of individuals in our flock. In LAMBPLAN, performance and pedigree information is combined to give Australian Sheep Breeding Values ASBV's. ASBV's are calculated from systematic combinations of performance information on individuals plus their relatives. They are expressed as the difference between an individual's genetic merit and the genetic base to which the animal is compared.

The LAMBPLAN ASBV's obtained form the basis for which animals are retained in the flock or offered for sale. The most important of these include;

Birth weight (BWT)

Estimates the genetic difference between animals in lamb birth weight. (kgs).

Weaning Weight (WWT)

Estimates the genetic difference between animals in liveweight at 100 days of age.

Post Weaning Weight: (PWWT):- Estimates the genetic difference between animals in liveweight at 225 days of age.

Post Weaning Fat: (PFAT):- Estimates the genetic difference in GR fat depth at 45 Kilograms liveweight.

Post Weaning Eye Muscle Depth (PEMD):

Estimates the genetic difference in eye muscle depth at the c site in 45 kilograms liveweight animals.

Post Weaning Worm Egg Count (PFEC):

Estimates the genetic difference between animals in worm burden at 225 days of age.

Lean Meat Yield (LMY %)

This trait is a measure of the commercial yield of lean meat as a percentage of hot carcass weight. Lean meat yield is estimated from a combination of weight, muscle and fat dimensions and has been validated by either CT scanning or through direct commercial bone-outs.

Select those animals with the most **positive** LMY

Intramuscular Fat (IMF %)

This trait 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 flavour, juiciness, tenderness and overall likeability of lamb.

Select those animals with the most **positive** IMF

Shear Force (SHEARF5 Kg)

This trait is a measure of the force or energy required to cut through the loin muscle of a lamb after 5 days of ageing, and is recorded in kilograms of force. The trait has moderate / high heritability, and a moderate correlation with tenderness in lamb. Thus, the most negative SHEARF5 figure indicates more tender lamb loin muscle.

Select those animals with the most **negative** SHEARF5

In addition Farrer uses the **Lamb LEQ index** to give a balanced single overall measure of an animal's merit.

1.6 Technology

Farrer White Suffolks constantly embraces the latest technology to improve the sheep at Farrer to better suit the changing market specifications and to improve educational outcomes of the students it services.

Genetics and Breeding

- **Lambplan**

Farrer has been there since the start of this technology in regards to performance recording of terminal prime lamb sires. Farrer now selects and breeds using LEQ index, as meat eating quality is becoming increasingly important to consumers. The Lamb Eating Quality Index (LEQ index) is targeted at progressive terminal lamb producers interested in improving the meat eating quality (IMF & SF5) of their prime lambs while continuing to improve production in a balanced way including Birth Weight (BWT) and Worm Egg Count (WEC).

Farrer manages the flock to ensure that the ASBV's are of the highest accuracy possible. This ensure that both us and clients have the most faith possible in the figures that Farrer produces.

To manage the data generated by sheep genetics and Lambplan Farrer use [Pedigree Master](#). This computer management software program enables us to input /store /manage /print and the data required.

- **Artificial Insemination**

Farrer uses artificial insemination in an effort to maximize genetic progress and allow us better access to a diverse range of performance sires from within the White Suffolk breed and outside if exceptional sires appear. Another advantage of artificial insemination is it allows us better genetic linkage within the White Suffolk breed. This helps us further improve the accuracies of our high quality Lambplan data.

Artificial Insemination is also a critical element in our constantly evolving biosecurity measures to ensure the integrity of Farrer White Suffolk disease status.

The AI program commenced in 1996 and occurs annually in March each year with Year 10 Animal Management class(s). The students select the potential sires, match sires to dams, program the sheep and provide assistance on the actual artificial insemination day. All 130 mature White Suffolk ewes and the 60 replacement 6 – 7 months old ewes are included in the program.

- **Embryo Transfer**

Used initially in 2001 to supply embryos to a client in Western Australia. Latest embryo transfer program undertaken in cooperation with "Ashmore White Suffolks" in South Australia in 2016 as a teaching and learning initiative that was used by Year 12 2 Unit Agriculture students.

● SuperWhites

In 2005 Farrer was invited to become a member of the SuperWhites, when Prime Lamb Genetics (PLG) ceased to exist. This has proved to be a very wise development in the enhancement of the Farrer White Suffolk stud as it allows us to become involved with some of the most progressive White Suffolk breeders in Australia.

Farrer latest entrant in the SuperWhite Programs;

Series 27	Farrer 210167
Series 26	Farrer 200044 and Farrer 20086
Series 25	Farrer 190111
Series 24	Farrer 180178 and Farrer 180273
Series 23	Farrer 170015
Series 22	Farrer 160067 and Farrer 160068
Series 21	Farrer 150096 and Farrer 150194
Series 20	Farrer 140188 and Farrer 140137

● Sheep CRC Information Nucleus Flock (INF)

Farrer has supported the Sheep CRC Information Nucleus Flock (INF) by entering rams for genetics evaluation on the hard to measure eating quality traits.

Farrer latest entrant(s) in the INF Programs;

2021	Farrer 200172
2019	Farrer 180273
2018	Farrer 170015
2017	Farrer 160068
2016	Farrer 150096 and Farrer 150194
2015	Farrer 140019 and Farrer 140188

The advantage to Farrer of using sires closely linked or better used in the INF is that it increases the accuracy of the animals in our stud. This enables us to better select animals for the hard to measure meat eating traits namely LMY, IMF and SF5.

● Genomics

Hypotrichosis

When a DNA test was developed by South Australian Research and Development Institute (SARDI) for this genetic condition Farrer was the one of the first White Suffolks studs in Australia to undertake testing of all breeding females in 2011 in an effort to quickly determine the extent of the genetic condition and then eliminate from the stud.

All ewes testing positive as carriers of Hypotrichosis were culled in 2011. Farrer has retained ONLY those testing HrF negative or Hypotrichosis free. All sires now used are HrF tested free. Thus, all resulting progeny in the future should be free of Hypotrichosis.

Limited testing occurs on sires used by Farrer each year. Plus, any rams purchased by registered White Suffolk studs at the annual on property ram sale.

DNA Parentage Testing

In cooperation with the Sheep CRC in 2014, Farrer undertook a trial using the technology to DNA parentage approximately 20 lambs. This was a success as Farrer was able to verify the sire and dam of each lamb. Since 2018 drop all lambs born are parental verified to ensure that our pedigrees are as accurate as possible.

DNA Testing

Farrer started testing in 2011 when the technology became available. Initially testing started with 20 potential young sires and continues today. However, to obtain the greatest benefit in 2016, Farrer became the first White Suffolk flock in Australia to fully DNA test ALL breeding ewes to improve accuracy of the hard to measure traits in Lean Meat Yield, IMF and Shear Force.

Each year ALL replacement ewes will be tested to continue to improve our accuracy and linkage to the Resource flock. This will enable us to better select future breeding sires and females to be used in the stud.

The DNA testing is very important as Farrer is focusing on the LEQ index that includes these hard to measure meat eating traits. Thus, it is imperative to test for the components that are included in the breeding objective so progress is possible.

- **MateSel**

This is a brilliant program specifically designed for stud breeders to better manage the level of ancestry in their flock. It enables Farrer to better match individuals to increase genetic gain and at the same time decrease the chances of breeding closely related individuals. Farrer was amongst the first to be given the opportunity to be trained in the use of this program in 2016.

Sheep Management

- **Worm Testing**

Farrer White Suffolks are been faecal testing through GYST Parasitology Services and in submitting them to Lambplan for the generation of Worm Egg Count (WEC) ASBV's since 2007. Worm resistance has been included in our previous breeding strategies through the Lamb2020 selection index. This has continued with the LEQ index, which is based on LAMBS2020 + meat eating traits (LMY, IMF & SF5).

Farrer places significant emphasis on worm resistance and favours those with high negative WEC. Farrer has produced numerous trait leaders for worm resistance over the years. Our emphasis on this important cost trait in production of prime lambs will continue.

Farrer purchased worm testing equipment in 2012 with a microscope and associated Whitlock McMaster worm egg counting chambers, which allows the students to undertake worm testing on the Farrer sheep to determine if internal parasite control is necessary.

- **Electronic Identification**

Farrer has used the technology in limited capacity over a number of years. However, as the technology has evolved we markedly increase our utilization especially in relation to the new Clipex sheep handler.

- **ClipEx Sheep Handler**

Farrer has recently developed a partnership with Clipex to expose our students to the latest technology that is available to industry. We have recently taken delivery of the Clipex Sheep handler, which is displaying to students the latest in animal handling technology.



Marketing

- **Helmsman Selling System**

Farrer White Suffolks have used the Helmsman system since 1997. This method of purchasing livestock developed by Mr. Bruce Milne of "Helm View" Hereford stud, Coleraine Victoria has earned the name of the "Buyer Friendly" sale.

The Helmsman system also gives the opportunity for more students to be involved in running the sale under the guidance of our agents Garvin & Cousens, Tamworth. Students are the sale runners and the board writers on the sale day.

- **AuctionsPlus**

In 2016, Farrer conducted its first Helmsman sale run concurrently with the AuctionsPlus. This national on-line system of marketing livestock allows Farrer to increase its exposure nationally. This has helped with ram sales into Queensland, Tasmania Victoria, South Australia and Western Australia.

- **Independent Structural Assessment**

Since 2011 the Farrer White Suffolk Sale rams have been independently structurally assessed by Tim Lawrence of Advanced Livestock Services (0419147419). The system uses the Visual Sheep Scores developed by Australian Wool Innovation Limited (AWI) and Meat and Livestock Australia (MLA). Rams available for sale have scores listed in the sale catalogue.

The students structurally score all females each year to ensure the Farrer flock maintains a structurally sound breeding base. Any animals deemed inadequate will be culled.

- **RamSelect**

This program was developed by the Sheep CRC in 2016 to help commercial producers select potential rams. Used in the classroom Year 10 Animal Management course to educate students on how commercial breeders should be purchasing rams based on their own breeding objectives.

1.7 Health

- Accredited Ovine Brucellosis Free (Cert. No. NW 82/40) EXP. 28/2/2024

Accredited Ovine Johne's Disease MN3 NS22016 Expiry: 30/11/2022

MN3 status was assigned in 2002.

On property health activities include:

- Annual 6 in 1 vaccination program
- Worm egg monitoring program
- Drench rotation program
- BarberVax Program
- All White Suffolk Stud and Merino flock introductions via AI (Closed Flock since 2015)
- Nil introduction of animals to ensure we stay footrot and lice free



Farrer 180273 (Sire: Farrer 170015)

1.8 Data Quality Score (DQS)

Sheep Genetics released the DQS in May 2022. The Data Quality Score is made up of measures of data quality, quantity and timeliness as measured by:

- The amount of data, including the number of animals and traits being recorded
- Completeness and accuracy of records, including how well pedigree, birth date and birth types and performance traits are recorded
- Data structure, including progeny numbers and sire representation across groups, and linkage
- Timeliness, which is a measure of how promptly data is submitted to the evaluation from time of collection

Displayed as a single combined score for the flock, the DQS evaluates data from the last 5 years. The score is provided both as a value out of 100, where the higher the value the better the data quality, as well as a star rating to reflect the range that your score fits. For example, a DQS score that sits between 60 and 80 out of 100, will receive a 4-star rating.

Farrer current DQS is below:

<p style="text-align: center;">FARRER ★★★★★ STARS</p> <p style="text-align: center;">DATA QUALITY SCORE: 99.0</p> <p>LambPlan run: 1st May 2022</p>

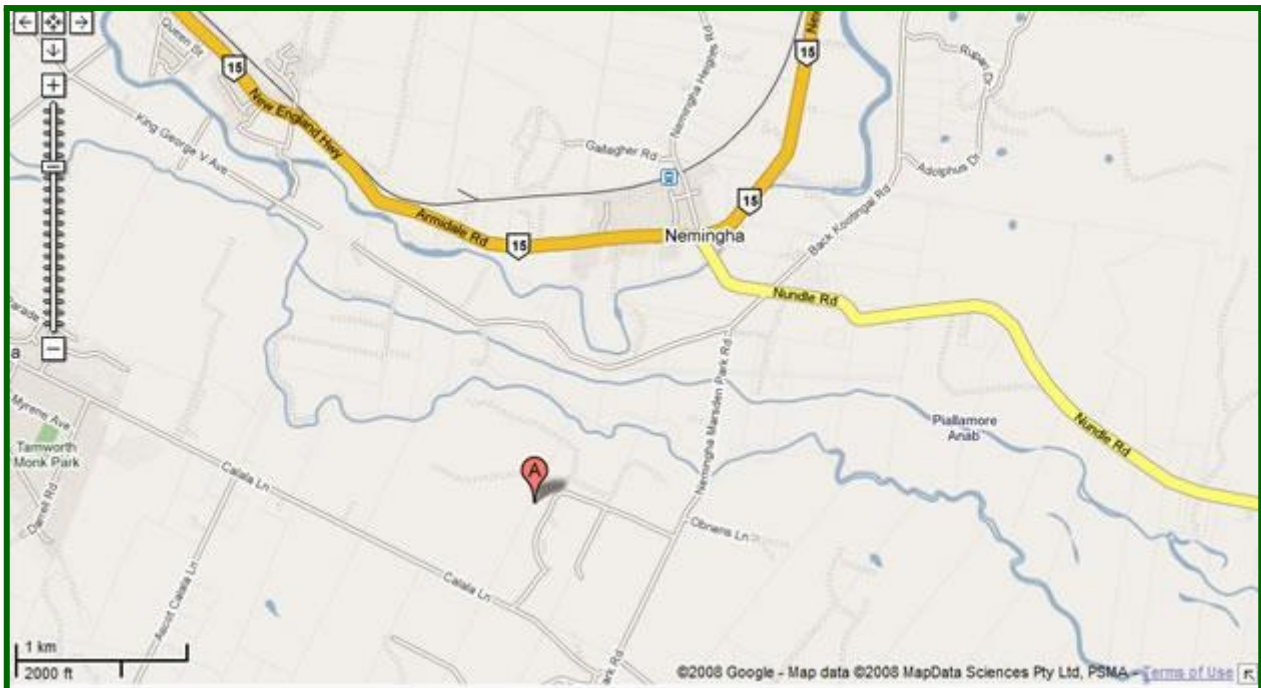
It is important to note that the DQS has been developed to explicitly measure the quality of the data being collected and submitted for genetic evaluation.

This is different from the accuracy values reported with ASBVs. Accuracy is mainly capturing the quantity of data that contributes to a breeding value, rather than how well that data has been captured.

The DQS does include measures on how well pedigree and fixed effects information is captured. For example, the depth of pedigree available or individual birth dates.

1.9 Location

Farrer Memorial Agricultural High School is located 5.85 kilometres from Tamworth on Calala Lane. It can also be reached from the north by turning off the highway at the Nemingha Hotel, crossing the bridge over the Cockburn River and turning right at the first roundabout onto O'Briens Lane. Farrer's back gate is the first turn right after crossing over the Peel River.



Map from Google Maps.

1.10 Contact Stud Manager

Darren Smith: School 02 6764 8660

Mobile: 0413 911 182

Email: darren.smith80@det.nsw.edu.au

Postal address

Farrer Memorial Agricultural High School
585 Calala Lane
Tamworth NSW 2340



Farrer 160068 (Sire Galaxy Park 110210)

2.0 STUDENT INVOLVEMENT

2.1 Student Activities - 2022

Late January	Lambplan scanning (scan data in Lambplan 1 st February run)
Early February	Northern Ram Breeders Junior Merino Judging
25th Feb	Artificial Insemination of 130 Mature White Suffolk ewes
March	Hypotrichosis Testing, Select possible Superwhite Nominations
March	Junior Judging Walcha Show
May	Northern Schools Prime Lamb Competition
May	Dubbo Show (Stud Stock / Prime Lamb Competition)
May	Pregnancy Scanning
Late June	Students start shearing the sale rams
Late July	Artificial Insemination lambing starts
Early August	DNA testing, lamb marking
September	Junior Judging Tamworth Show

September 7th 28th Annual on Property Ram sale 2022

October – November	Students start shearing the sheep
November	Genomics testing of potential young sires
November	Approximately 20-25 ewes available on AUCTIONSPLUS

2.2 Junior Judging



2.3 Annual White Suffolk AI Program 2022

Year 10 Wool Science were involved in Farrer's Annual White Suffolk Artificial Insemination program which occurred on the 25th February 2022. 213 ewes were in the program comprising 125 mature ewes plus 83 young 2021 drop ewes. Farrer's continued participation in the Superwhites young sire improvement program provides the stud with an Australia wide link via our allotted sires Felix 201156 (New South Wales) and Ashmore 200896 (South Australia). Other semen sires utilized in the program include Farrer 200044, Farrer 200086, Farrer 190111, Felix 191175, Langley Heights 180231, Ashmore 170986 and Valma 202189.

The students were involved in all aspects of the program from semen selection, mating allocations, CIDR insertion and programming, recording of data and the artificial insemination day.



2.4 Northern School Prime Lamb Competition

The Northern School Prime Lamb Competition was held at Tenterfield on 4th May 2022. Schools involved included: Glen Innes, Tenterfield, Peel High School, Tamworth High School, MacIntyre High School and Guyra Central School. Over one hundred lambs were assembled for the competition

Farrer sent seven pens of White Suffolk lambs. One Light Weight, three middleweight and three heavyweight pens

Farrer achieved the following results:

Liveweight:	4th on Hoof
Medium Weight:	2nd on Hook
HeavyWeight	3rd on Hook



2.5 Dubbo Show (White Suffolk Stud/ Prime Lamb Competition)

Farrer exhibited the White Suffolk sheep at the 149th Dubbo Show on 27th – 29th May 2022 at Dubbo Show Ground. Special thanks to Bateson Pittman, Cameron Lyon, Nicholas Matthews, Forbes Murdoch, Corben Shepherd, Joel Sloman. Farrer achieved the following results in:

Ram showing milk teeth only, born between 1/6 & 31/7 Novice - 1st, 2nd, 4th

Ram showing milk teeth only, born between 1/6 & 31/7 OPEN - unplaced

Ram showing milk teeth only, born after 1/8 Novice - 1st, 2nd, 4th

Ram showing milk teeth only, born after 1/8 OPEN - 4th

Ram Objective Measurement class - 4th

Pair of 2 Rams OPEN – no entry

Ewe showing milk teeth only, born between 1/6 & 31/7 Novice - 1st, 2nd, 4th

Ewe showing milk teeth only, born between 1/6 & 31/7 OPEN - 4th

Ewe showing milk teeth only, born after 1/8 – 1st, 4th, 6th

Ewe showing milk teeth only, born after 1/8 OPEN – 4th

Ewe over 1 ½ years shorn or woolly - 1st, 4th, 5th

Ewe Objective Measurement class - 1st, 6th

Sires Progeny - unplaced

Group of three (one ram & two ewes) - 3rd

Goongunyah Shield (School Competition) - 2nd Place

Most Successful School

Farrer Memorial Agricultural High School

Dubbo Show All Breeds Prime Lamb Hoof & Hoof Competition

Reserve Champion School

Junior Judging –

Senior Merino Sheep – Bateson Pittman 1st

Senior Merino Sheep – Corben Shepherd 6th

Senior Meat Sheep Judging – Forbes Murdoch 2nd

Senior Meat Sheep Judging – Bateson Pittman – 4th



2.6 Husbandry Operations





3.0 ANNUAL RAM SALE

Farrer aims to sell 50 - 65 rams to the industry each year on the third last Wednesday of Term 3 of the school calendar (Second last week in September) under the Helmsman buying system.

The sale is run concurrently with AuctionsPlus since 2016.

Rams start at \$800 and in the past reached \$17000 (2014-2015) with the majority in the \$800 - \$1200 price category in previous years. Farrer considers these rams to be excellent value for money as **over 50% of the rams are in the top 1% on Lambplan LEQ index.**

Farrer on Property Ram Sale Results

2021	Average \$3474 Top \$11100
2020	Average \$2282 Top \$14500
2019	Average \$1136 Top \$6300
2018	Average \$1755 Top \$9100
2017	Average \$2341 Top \$8500

Selling Agent Garvin & Cousens Pty Ltd 02 67662901

28th Annual On Property Ram Sale

AUCTIONSPLUS SALE ONLY

Wednesday 7th September 2022

Inspection 10.30 am


Sale 11.30 am

under cover at the Farrer Trade Training Centre



All performance information is available and on display.




3.1 Ram Sale Flyer 2022




FARRER
WHITE SUFFOLKS
PRODUCT OF DISTINCTION

Wednesday 7th September 2022
11.30am—Tamworth



LOT 2: FARRER 210011




SIRE: FARRER 190111 SOD: FARRER 140019

- Low birth weight ram with superior growth
- Volume and thickness through the loin
- Outstanding muscle, worm resistance and IMF

BWT	WWT	PWWT	PFAT	PEMD	PWEC	IMF	SFS	LEQ
-0.01	12.5	20.6	0.46	3.47	-73	0.09	-0.4	168.8
82%	83%	83%	82%	83%	62%	76%	76%	73%

LOT 6: FARRER 210024




SIRE: FARRER 190111 SOD: LANGLEY HEIGHTS 180231

- Used to back up Farrer's annual AI program
- Very clean ram with depth and thickness
- Superior growth, WEC, IMF & Shear force

HrF(20020)

BWT	WWT	PWWT	PFAT	PEMD	PWEC	IMF	SFS	LEQ
0.37	13.4	21.2	0.52	2.5	-56	0.31	-1.69	164.8
81%	82%	81%	81%	81%	62%	74%	73%	70%

LOT 16: FARRER 210080




SIRE: LANGLEY HEIGHTS 170497 SOD: FARRER 190111

- Smooth shoulders and thickness in loin
- Tremendous growth and extra fat coverage
- Outstanding worm resistance, IMF and SFS

BWT	WWT	PWWT	PFAT	PEMD	PWEC	IMF	SFS	LEQ
0.32	12.7	19.9	0.77	2.06	-61	0.48	-2.65	162.4
78%	79%	78%	78%	79%	61	70%	69%	66%

LOT 22: FARRER 210098



SIRE: LANGLEY HEIGHTS 170497 SOD: FARRER 160068

- Long bodied ram with thickness and muscle
- Excellent growth and moderate fat coverage
- Outstanding worm resistance, IMF and SFS

BWT	WWT	PWWT	PFAT	PEMD	PWEC	IMF	SFS	LEQ
0.40	11.4	18.1	0.20	2.31	-62	0.29	-3.71	161.1
77%	78%	77%	77%	78%	61%	68%	67%	65%

Independently Structurally Assessed

Ovine Brucellosis Acc. NW82/40

OJD Status MN3

Data Run 15/7/2022



SIRE: LANGLEY HEIGHTS 170497 SOD: ASHMORE 170986

- Smooth shouldered ram with volume
- Muscle in loin and hindquarters
- Superb WEC, IMF and low shear force

BWT	WWT	PWWT	PFAT	PEMD	PWEC	IMF	SFS	LEQ
0.25	10.4	16.4	-0.31	2.71	-56	0.34	-1.39	162.0
75%	76%	76%	76%	76%	61%	67%	66%	63%



SIRE: FARERR 190111 SOD: GALAXY PARK 110210

- Used to back up Farrer's annual AI Program
- Tremendous growth, muscle and extra fat
- Excellent worm resistance and IMF

HrF(20250)

BWT	WWT	PWWT	PFAT	PEMD	PWEC	IMF	SFS	LEQ
0.39	12.9	20.9	1.36	4.07	-72	0.23	0.18	169.2
75%	77%	76%	76%	77%	64%	67%	66%	64%

LOT 43: FARRER 210190



SIRE: LINTON 160625 (PD) SOD: FELIX 150721

- A clean ram with thickness and volume
- Tremendous growth and superb carcass
- Moderate fat and excellent IMF

BWT	WWT	PWWT	PFAT	PEMD	PWEC	IMF	SFS	LEQ
0.33	12.4	19.6	0.03	3.25	-7	0.07	-0.31	161.4
71%	72%	72%	71%	73%	61%	66%	64%	61%

LOT 63: FARRER 210275



SIRE: FARRER 200044 SOD: FARRER 140019

- Low birth weight ram with smooth shoulders
- Later drop ram with good structure
- Outstanding muscle, WEC and shear force

BWT	WWT	PWWT	PFAT	PEMD	PWEC	IMF	SFS	LEQ
0.07	10.7	17.8	-0.04	3.57	-64	-0.09	-2.2	169.2
77%	79%	78%	78%	78%	59%	73%	72%	69%



Agents: Garvin & Cousens, Tamworth. Phone: 02 67662901
Andrew Warden: 0467 662901

Farrer Memorial Agricultural High School, 585 Calala Lane,
Tamworth 2340 NSW
Stud Manager: Darren Smith, 0413 911182
Email: darren.smith80@det.nsw.edu.au
Website: www.farrer.nsw.edu.au/white-suffolk-stud
Video and photographs of ALL rams on AuctionsPlus



3.2 Current Rams

Sheep Structural Assessment

Assessment Date: 23/7/2022

Since 2011 the Farrer Sale rams have been independently structurally assessed by Tim Lawrence of Advanced Livestock Services (02) 67755783 or 0419147419. The system uses the Visual Sheep Scores developed by Australian Wool Innovation Limited (AWI) and Meat and Livestock Australia (MLA). All females have been and will continue to be structurally assessed to ensure the Farrer flock maintains a structurally sound breeding base. Any animals deemed inadequate will be culled.

How to use The Visual Sheep Scores

The sheep Structural Assessment System uses a 1-5 scoring system.

- A score of 1 is **very good**.
- A score of 2 is **good** with animals showing slight variation from the ideal.
- A score of 3 is **average** with animals showing greater variation from the ideal.
- A score of 4 is **poor** Farrer doesn't catalogue these animals.
- A score of 5 is **very poor** Farrer doesn't catalogue these animals.

* EXCEPT Side view

- A score of 1 is **very straight**. Farrer doesn't catalogue these animals
- A score of 2 is animals showing slight variation from the ideal.
- A score of 3 is **ideal**
- A score of 4 is animals showing slight variation from the ideal
- A score of 5 is **very sickled**. Farrer doesn't catalogue these animals

Lot	Tag No.	SIRE	Front	Back	Front	Back	Front	Back	*Side
			Pasterns	Pasterns	Legs	Legs	Claws	Claws	View
1	210167	Farrer 190111	1	1	1	1	1	2	3
2	210011	Farrer 190111	1	1	1	1	1	2	2
3	210014	Farrer 190111	2	1	1	1	1	2	3
4	210016	Ella Matta 190092	1	3	1	1	1	3	3
5	210019	Ella Matta 190092	2	1	1	1	1	1	3
6	210024	Farrer 190111	1	1	1	1	1	1	3
7	210029	Langley Heights 180231	1	2	1	1	1	3	3
8	210031	Langley Heights 180231	1	1	1	2	1	1	3
9	210038	Farrer 190111	1	1	1	1	1	1	3
10	210044	Farrer 190111	1	1	1	1	1	3	3
11	210047	Felix 191175	1	1	1	1	1	1	2
12	210048	Felix 191175	1	2	1	1	1	2	3
13	210050	Linton 160625 (PD)	1	2	1	1	1	1	3
14	210064	Langley Heights 180231	1	1	1	1	1	1	3
15	210073	Langley Heights 180231	1	1	1	1	1	1	3
16	210080	Langley Heights 170497	1	2	1	1	1	1	3
17	210081	Farrer 190111	1	1	1	2	1	3	2
18	210084	Farrer 190111	1	1	1	1	1	2	3
19	210094	Felix 191175	1	2	1	1	1	3	3
20	210095	Felix 191175	2	2	1	1	1	1	3
21	210097	Gemini 190450	2	1	2	1	1	1	3
22	210098	Langley Heights 170497	1	1	1	1	1	1	3

Lot	Tag No.	SIRE	Front Pasterns	Back Pasterns	Front Legs	Back Legs	Front Claws	Back Claws	*Side View
23	210099	Langley Heights 170497	1	2	1	1	1	1	3
24	210103	Langley Heights 180231	1	1	1	1	1	2	3
25	210109	Gemini 190450	1	1	1	1	1	2	3
26	210113	Felix 191175	1	1	1	1	1	1	3
27	210115	Linton 160625 (PD)	2	2	3	1	1	3	3
28	210118	Langley Heights 170497	1	2	1	2	1	1	2
29	210125	Felix 191175	1	1	1	1	1	1	3
30	210130	Felix 191175	1	1	1	3	1	2	3
31	210131	Felix 191175	1	1	1	1	1	1	3
32	210135	Felix 191175	1	1	2	1	1	3	3
33	210137	Langley Heights 180231	1	2	2	1	2	3	3
34	210159	Farrer 190111	1	2	1	1	1	1	2
35	210160	Farrer 190111	1	1	1	1	1	1	3
36	210161	Farrer 190111	1	1	1	1	1	1	3
37	210162	Farrer 190111	1	1	1	1	1	1	2
38	210164	Farrer 190111	1	1	1	1	1	1	3
39	210169	Farrer 190111	2	2	3	1	1	3	3
40	210182	Felix 191175	1	1	1	2	1	3	3
41	210184	Langley Heights 180231	1	1	2	1	1	1	3
42	210187	Ella Matta 190092	1	1	2	1	1	1	3
43	210190	Linton 160625 (PD)	1	1	1	1	1	1	3
44	210191	Linton 160625 (PD)	2	3	1	1	1	3	3
45	210201	Felix 191175	1	1	1	1	1	2	3
46	210206	Ella Matta 190092	1	2	2	2	1	2	3
47	210208	Langley Heights 180231	2	1	1	1	1	2	3
48	210209	Langley Heights 180231	2	2	1	1	2	3	3
49	210216	Linton 160625 (PD)	2	2	3	2	2	3	3
50	210217	Linton 160625 (PD)	1	2	1	3	1	2	3
51	210222	Felix 191175	2	1	1	1	1	1	3
52	210223	Felix 191175	1	1	1	1	1	2	3
53	210229	Linton 160625 (PD)	1	2	1	2	1	2	3
54	210233	Felix 191175	1	1	1	1	1	3	2
55	210235	Felix 191175	2	1	1	2	1	1	3
56	210246	Farrer 200044	1	1	1	1	1	2	2
57	210248	Farrer 200044	1	1	1	1	1	1	4
58	210261	Farrer 200172	1	2	1	1	1	2	3
59	210264	Farrer 200086	1	1	1	1	1	1	3
60	210265	Farrer 200086	1	1	1	1	2	1	3
61	210266	Farrer 200086	2	1	1	1	2	1	3
62	210267	Farrer 200086	1	1	2	1	1	2	3
63	210275	Farrer 200044	1	1	1	1	1	2	3

3.3 Ram Photographs



LOT 2: Farrer 210011 (Sire: Farrer 190111)



LOT 6: Farrer 210024 (Sire: Farrer 19011)



LOT 16: Farrer 210080 (Sire: Langley Heights 170497)



LOT 22: Farrer 210098 (Sire: Langley Heights 170497)



LOT 28: Farrer 210118 (Sire: Langley Heights 170497)



LOT 37: Farrer 210162 (Sire: Farrer 190111)



LOT 43: Farrer 210190 (Sire: Linton 160625)



LOT 63: Farrer 210275 (Sire: Farrer 200044) LOT 3: Farrer 200172 (Sire: Waratah 180007)

3.4 Helmsman Selling System

The first Helmsman sale was conducted in 1990 by its originator Mr Bruce Milne of "Helm View" Hereford stud, Coleriene Victoria and was voted an outstanding success by buyers, and has now spread to other states. This method of purchasing livestock has earned the name of the "Buyer Friendly" sale. Farrer has used this buying system since 1997 and concurrently on AuctionsPlus since 2016.

THE BENEFITS TO INTENDING PURCHASERS

1. You have more time to consider lodging a bid. You can place genuine bids on any sheep of your choice at any time during the sale period.
2. You have the opportunity to re-assess each lot during the sale period without any pressure to make an instant decision.
3. You take home ram/s you want, irrespective of the lot order.
4. You may use the buyers suggested price guide, which is based on measured production merit, to give you a good estimate of each rams genetic worth in relation to other rams.
5. If you are considering buying a number of rams, "HELMSMAN" will give you a better chance to average your purchase costs in order to meet your total budget.

HOW "HELMSMAN" WORKS

- On arrival intending purchasers register at the bid table and receive a buying number
- All rams are displayed for your inspection as usual, with relevant information provided in the catalogue.
- When the sale commences all the ram lots are in the market simultaneously. You may bid on any ram lot/s, regardless of lot number, by filling in a card and handing it to the receptionist at the bid table, or to a "runner"

FARRER WHITE SUFFOLK BID CARD

Lot Number	
Bid Value	
Rams minimal bid increments of \$100	\$
Buyer Number	

- You may open bidding on any lot at the rams Reserve Price and contest bids in multiples of \$100
- Bids are recorded with the buyer's number on a large board (Helmsman sale board) adjacent to the sheep display area. You can bid on any number of

rams / lots at once and see at glance whether your bid still stands or has been overbid.

Farrer White Suffolks				
SALE BOARD				
Lot Number	1	2	3	4
Bid Value				
Bidders Number				

- There is no pressure to commit yourself to another bid, and if your "first" choice ram goes beyond your limit, you can still bid on another ram in the sale.
- A bid, once submitted and recorded, cannot be retracted and a person submitting such a bid will be responsible for it until it is overbid.
- The sale will remain open for a minimum of 30 minutes. A bid registered in the last 1 minute will result in a 1 minute extension of selling time. Any further bids trigger the same process until a full 1 minute "No bid" period concludes the sale.

NB: The approximate sale time is 60 minutes: i.e. 30 minute sale open and approx. 30 minutes in the last minute trigger section until 1 minute of "no bids".



3.5 Ram Care

HOW TO MAXIMIZE THE POTENTIAL FROM YOUR FARRER WHITE SUFFOLK RAMS

These Farrer White Suffolk rams, having been recently checked by a veterinarian, are free of disease but are still actively growing. On arrival home we suggest they are kept away from older rams to avoid any risk of injury from fighting.

YEAR ROUND MANAGEMENT

1. Maintain rams in a fat score condition of 3 all year round except when leading up to joining. Over fat rams are more prone to breakdown due to excessive weight on limbs and are less mobile around the paddock.
2. Shearing rams 8 - 10 weeks prior to joining is recommended. Shearing too close to joining can be detrimental to semen quality in hot weather, as the fleece protects the animal against high radiant temperatures.
3. Ringing around the pizzle is warranted especially if belly wool is burry.
4. Ensure rams are drenched (with an effective drench) at strategic times along with the rest of the flock.
5. Maintain an annual booster vaccination of 6 in 1.
6. Keep rams feet trimmed if necessary to reduce the risk of lameness or foot abscess. A ram with feet problems will seek out and mount ewes less actively than normal.
7. Jetting ram on the poll during fly season may help to avoid strike and losses.
8. Avoid handling of rams in such a way they are "tonguing" within 6 weeks before mating as this may cause reduced fertility. These practices include; excessive speed in moving the rams or limited rest periods especially in hot weather, shearing, crutching and foot trimming

PRE-MATING MANAGEMENT

1. Carry out a pre mating physical examination prior to mating to ensure there are no problems with feet, teeth, testicles, penis and scrotum
2. Supplementary feeding of rams 6 - 8 weeks prior to joining can have a marked effect on the semen quality and volume. Feeding approximately 0.5 - 1 Kg / head / day after an initial introduction program should be plenty to achieve a result.
3. Ideally ram should be in condition score 3.5 - 4 prior to joining.
4. If joining rams after a long dry spell without green feed. Supplementation with vitamin A may be necessary 8 weeks prior to joining and just before mating.
5. Farrer White Suffolk rams can be safely joined at 1.5 - 2 % unless the geography, pasture availability, paddock size and high ambient temperatures require an increase in the ram percentage. The optimum joining period is for 2 cycles: that is five weeks. Longer joining period may be required for autumn drop lambs. e.g. 8 weeks
6. If possible, do not mate old rams and young rams together because of domination. Also, mate older rams with maiden ewes and young rams to older ewes.



We hope the above information helps you to get the best from your Farrer White Suffolk rams. For more detailed information please don't hesitate to ask.

3.6 Semen Marketing Rights

FARRER WHITE SUFFOLKS 2022

Farrer Memorial Agricultural High School will be retaining Semen Retention Rights in the following rams in 2022.

Semen Retention Rights - Immediate Delivery

Lot 1: Farrer 210167

SEMEN RETENTION RIGHTS NOTICE

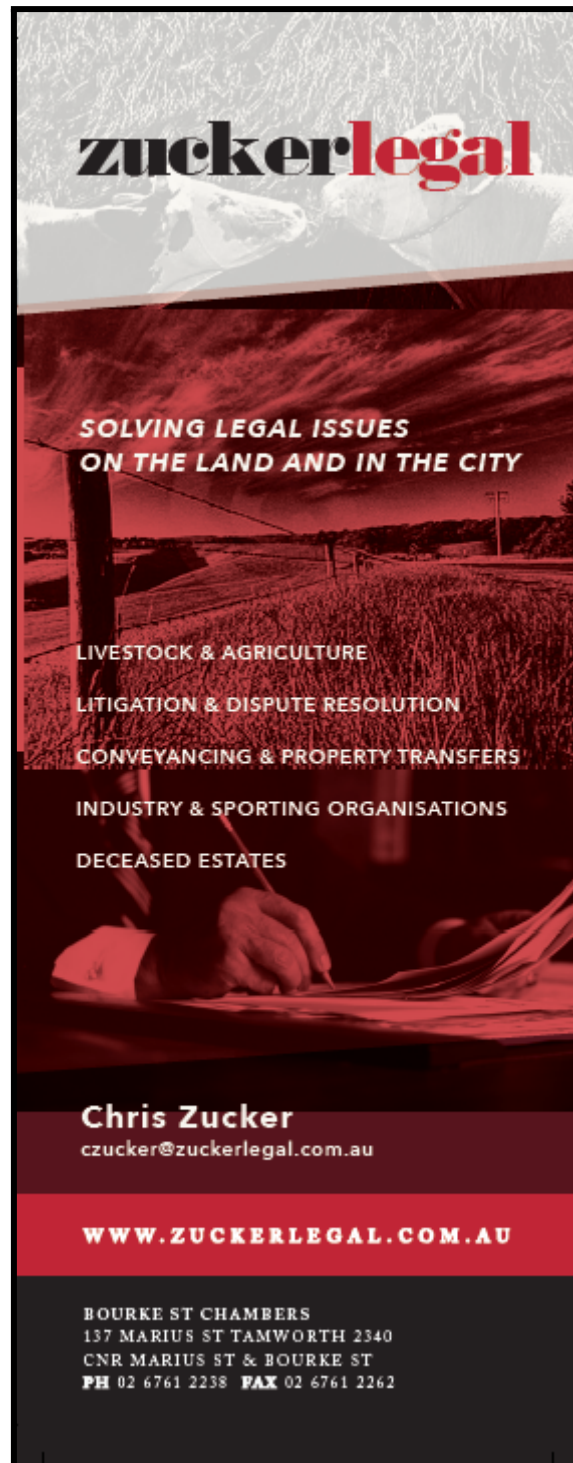
This Notice forms part of the Terms and Conditions of Sale of Angus bulls/White Suffolk rams at the Farrer Memorial Agricultural High School Annual On-Property Sale. A Purchaser who bids for any bull or ram at the sale agrees that, by bidding, the Purchaser is bound by the provisions of this Notice and, if the Purchaser is bidding for someone else, the principal is also bound.

1. The vendor of all livestock is the *State of New South Wales by its Department of Education* through Farrer Memorial Agricultural High School (**Farrer**).
2. Any rights that are preserved or created by this Notice in favour of Farrer are rights of the *State of New South Wales by its Department of Education through Farrer Memorial Agricultural High School*.
3. The auctioneer may declare that Semen Retention Rights apply to a particular animal. If no such declaration is made, or if the auctioneer declares **Outright Sale**, or words to that effect, then:
 - (a) The Purchaser may take immediate delivery of the animal;
 - (b) Farrer has no Semen Retention Rights; and
 - (c) The Purchaser buys the animal and all the semen rights of the animal outright.
4. If the auctioneer declares that **Semen Retention Rights - Delayed Delivery** applies to a particular animal then the Purchaser does not obtain immediate possession of the animal and the following provisions apply:
 - 4.1 Farrer will deliver the animal to a Semen Collection Centre determined by Farrer for extraction of semen;
 - 4.2 Not later than 8 weeks after the sale Farrer will deliver the animal from the Semen Collection Centre to the Purchaser at such address in Queensland, New South Wales, Victoria or South Australia as the Purchaser notifies to Farrer; and
 - 4.3 All of the rules in paragraph 6 apply.

5. If the auctioneer declares that **Semen Retention Rights - Immediate Delivery** applies to a particular animal then the Purchaser is entitled to immediate possession of the animal but the rules in paragraph 6 apply.
6. The rules for Semen Retention Rights are:
- i. The commercial rights to the semen of the animal are forever owned by Farrer and the rights of the Purchaser as to semen of the animal are limited to use, naturally or by way of artificial insemination, on the Purchaser's own herd or flock. The Purchaser does not have any right to sell or otherwise commercially deal with the semen or semen rights of the animal.
 - ii. The names of all members of any syndicate, partnership or some other joint arrangement of ownership of the animal must be listed on the bidder card at registration prior to the sale.
 - iii. The Purchaser (which includes all members of any syndicate, partnership or other joint arrangement) does not have the right or legal ability to sell, lease, transfer or otherwise deal with fractions or portions of the Purchaser's interest in the animal and can only sell, lease, transfer or otherwise deal with the whole of the interest in the animal.
 - iv. If the Purchaser transfers the animal whether by way of sale, gift or otherwise then the transferee is bound by these rules and the Purchaser agrees to obtain the agreement of the transferee to these rules and to guarantee the performance of the rules by the transferee to Farrer.
 - v. Farrer can, at any time during the life of the animal, by notice to the Purchaser or the person in possession of the animal, require the animal to be delivered, at the cost of Farrer, to a Semen Collection Centre for the purpose of extraction of semen and thereafter return, at the cost of Farrer, to the place from which the animal was collected. Any semen so extracted becomes and remains the property of Farrer.
 - vi. The decision as to when to call in an animal for semen extraction and where to take the animal is that of Farrer.
 - vii. Farrer has unrestricted rights to the use, which includes sale or breeding, of the semen of any animal to which Semen Retention Rights apply.
 - viii. The Purchaser has no right to clone the animal.

-
7. Any notification concerning Semen Retention Rights may be sent:
 - In the case of Farrer to the School at Tamworth by mail or email to the address which the School will notify to the Purchaser upon request; or
 - In the case of the Purchaser to the name and address notified by the Purchaser at the time of sale or such other name and address as may be notified by the Purchaser to Farrer from time to time.
 8. If an animal is purchased by a syndicate, partnership or some other joint arrangement then all members are taken, by authorising the bidder, to agree to be bound by the terms of this Notice.
 9. The risk of any animal while Farrer is exercising its rights pursuant to these rules is that of Farrer but any liability of Farrer only arises in the case of fault on the part of Farrer and damages are limited to the value of the animal as at the date of any injury to it or the amount paid at the sale for its purchase whichever is the lesser.
 10. Neither the auctioneer, Farrer nor the Purchaser are entitled to vary the terms of this Notice unless such variation is recorded in writing and agreed in writing by all parties.

Farrer Memorial Agricultural High School thanks Christopher Zucker from ZUCKER LEGAL, Tamworth for their assistance in complying with this Semen Retention Rights Notice.



The image shows a vertical business card for Zuckerlegal. At the top, the logo 'zuckerlegal' is displayed in a bold, sans-serif font, with 'zucker' in black and 'legal' in red. Below the logo is a photograph of a white dog's head. The middle section features a red-tinted background image of a rural landscape with a field and a fence. Overlaid on this image is the text 'SOLVING LEGAL ISSUES ON THE LAND AND IN THE CITY' in white, uppercase letters. Below this, a list of services is provided in white, uppercase letters: 'LIVESTOCK & AGRICULTURE', 'LITIGATION & DISPUTE RESOLUTION', 'CONVEYANCING & PROPERTY TRANSFERS', 'INDUSTRY & SPORTING ORGANISATIONS', and 'DECEASED ESTATES'. The bottom section of the card is dark red and contains the name 'Chris Zucker' in white, followed by the email address 'czucker@zuckerlegal.com.au'. A red horizontal bar below this contains the website 'WWW.ZUCKERLEGAL.COM.AU' in white, uppercase letters. The bottom-most section is dark grey and contains the address 'BOURKE ST CHAMBERS', '137 MARIUS ST TAMWORTH 2340', 'CNR MARIUS ST & BOURKE ST', and the phone and fax numbers 'PH 02 6761 2238 FAX 02 6761 2262' in white, uppercase letters.

zuckerlegal

*SOLVING LEGAL ISSUES
ON THE LAND AND IN THE CITY*

LIVESTOCK & AGRICULTURE
LITIGATION & DISPUTE RESOLUTION
CONVEYANCING & PROPERTY TRANSFERS
INDUSTRY & SPORTING ORGANISATIONS
DECEASED ESTATES

Chris Zucker
czucker@zuckerlegal.com.au

WWW.ZUCKERLEGAL.COM.AU

BOURKE ST CHAMBERS
137 MARIUS ST TAMWORTH 2340
CNR MARIUS ST & BOURKE ST
PH 02 6761 2238 FAX 02 6761 2262

3.7 Ram Sale report – 2021

Farrer Rams held strong in its 27th annual on-property ram sale on September 8, topping at \$11,100 and averaging \$3,474 the highest ever average. Farrer Memorial Agricultural High School Stud Manager Darren Smith was delighted with the sale which was held entirely online through Auctionsplus due to Covid-19 restrictions.

Returning and new stud and commercial buyers from across Australia participated in the sale which offered 50 rams for a 100% clearance, with rams going to NSW, Victoria, and Western Australia. Mr Smith said buyers were chasing low birth weight, high muscling and worm resistant sires with good meat-eating qualities. Over 50% of the offering was in the top 1% of LEQ rams in Australia.

The restrictions meant that while some buyers were able to view the rams individually at open days before the sale, many conducted virtual inspections via video call, similar to last year.

Farrer 200162, a 13 month old ram sired by Langley Heights 180231, sold for \$11,100 to Anden White Suffolk Stud in Victoria. This ram is ranked in the top 1% for LEQ and has outstanding growth of 19.9 and muscle of 3.4. Mr Smith said he was a long, deep bodied ram with outstanding growth and muscle in the loin and hindquarters, strong topline and smooth shoulders and a good twist. The underbidders were Wilson's Creeks White Suffolks.

The second-highest priced ram, selling at \$7500, was Farrer 200055, both sired by Ashmore 170986 and was purchased by Ida Vale in West Australia. This ram has a massive growth figure 24.8 and muscle 2.3. and is by the same dam as Farrer 190111 who is currently the leading LEQ sire on Lambplan.

Farrer old boy Thomas Piddington of Armidale purchased Farrer 200122 for \$7200 sired by Ashmore 170986.

Other rams to which sold for over \$5,000 were Farrer 200170 (sired by Felix 180850) to Wilson's Creeks White Suffolks Uralla, Farrer 200151 (sired by Ashmore 170986) to Kinellar White Suffolks of Canowindra and Farrer 200239 (sired by Farrer 190074) to Maryland White Suffolks of Wollun.

The studs who purchased on the day were:

Lot 4: 200014	\$2,600	Lonsdale, NSW
Lot 7: 200055	\$7,500	Ida Vale, WA
Lot 11: 200068	\$4,600	Glenfinnan, NSW
Lot 12: 200075	\$5,000	Smithston Farms/KIS/Kurralea, NSW
Lot 18: 200098	\$3,600	Anden Vic, SA
Lot 19: 200105	\$3,400	Gray Glen, NSW
Lot 27: 200123	\$3,300	Lonsdale, NSW
Lot 30: 200136	\$3,300	Yasloc, NSW
Lot 32: 200142	\$3,900	Gray Glen, NSW
Lot 33: 200151	\$5,200	Kinellar, NSW
Lot 38: 200162	\$11,100	Anden Vic, SA
Lot 40: 200140	\$5,400	Wilson Creek, NSW
Lot 44: 200189	\$2,500	Smithston Farms/KIS/Kurralea, NSW
Lot 51: 200228	\$4,500	Smithston Farms/KIS/Kurralea, NSW
Lot 53: 200239	\$5,500	Maryland, NSW

Commercial client Fletcher International Exports of Dubbo was the volume buyer, purchasing 10 rams averaging \$2930, Tamworth DPI purchased 7 rams averaging \$2300, while Murray Long of Ardlethan purchased 4 rams averaging \$3450.

Other commercial buyers were Peter and Fiona Morse who purchased 4 rams averaging \$2950, Garthowan Partnership of Attunga who purchased 2 rams averaging \$2600, local buyer Ben Tongue of Loomberah who purchased 3 rams averaging \$2733. Simone Wilson, Clive Robb, also purchased rams at the sale.

Mr Smith thanked Garvin and Cousins who were the agents for the online sale as well as the Farrer Year 10 Animal Management students who were actively involved in the direction and management of the stud. Their contributions include DNA testing, sire selection, crutching, shearing the sheep including sale rams, vaccinating, drenching and lambing supervision.

“I thank the students for their commitment, effort and interest in striving to continually improve the Farrer White Suffolk sheep and stud,” he said.

Special mention also to the farm staff for their continual assistance with the sheep and support of the students in undertaking the many husbandry duties.





L/R Beau Henry, Torryn Allsop and Felix Murray with Farrer 200162, purchased by Anden White Suffolks for \$11,100.

4.0 SEMEN SALES

Semen available \$40 / ewe dose + GST minimum 15 straws

Farrer 210167

Sire: Farrer 190111



Awaiting A Photograph

Farrer 210167

- **Selected as a back-up ram for Farrer's 2022 artificial insemination program**
- **Selected in the Series 27 Superwhites Program**
- **Low birth weight, outstanding growth and muscle**
- **Excellent WEC, IMF and shear force**
- **Outstanding LEQ index**
- **Farrer retains 100% Semen marketing rights**

All semen stored at Genstock Reproductive Technology, Dubbo NSW

Farrer 200086

Sire: Ella Matta 150097



Farrer 200086

- Selected as a back-up ram for Farrer's 2021 artificial insemination program
- Selected in the Series 26 Superwhites Program
- Farrer has used in 2022 Artificial insemination
- Low birth weight, outstanding WEC, IMF and shear force
- Outstanding LEQ index
- To date has 80 progeny in 5 Lambplan recorded flock across Australia
- Farrer retains 100% Semen marketing rights

All semen stored at Genstock Reproductive Technology, Dubbo NSW

Farrer 200044

Sire: Farrer 160068



Farrer 200044

- **Selected as a back-up ram for Farrer's 2021 artificial insemination program**
- **Selected in the Series 26 Superwhites Program**
- **Farrer has used in 2022 Artificial insemination**
- **Sired by Farrer 160068**
- **Well balanced performance figures**
- **Excellent worm resistance, IMF and shear force**
- **Outstanding LEQ index**
- **Farrer retains 100% Semen marketing rights**

All semen stored at Genstock Reproductive Technology, Dubbo NSW

Farrer 200172

Sire: Waratah 180007



Farrer 200172

- Selected as a back-up ram for Farrer's 2021 artificial insemination program
- Selected in the Resource Nucleus Flock 2021
- Outstanding growth and moderate fat
- Excellent LMY and worm resistance
- Outstanding LEQ index
- Farrer retains 100% Semen marketing rights

All semen stored at Genstock Reproductive Technology, Dubbo NSW

Farrer 190111

Sire: Felix 170761



Farrer 190111

- Selected as a back-up ram for Farrer's 2020 artificial insemination program
- Selected in the Series 25 Superwhites Program
- Farrer has used heavily in 2021 and 2022 Artificial insemination program
- Standout ram of 2020 drop
- Three sons (210024, 210162, and 210167) used in the 2021 drop at Farrer
- Outstanding growth, moderate fat, tremendous worm resistance
- Excellent IMF and shear force
- Outstanding LEQ index
- Very clean points with thickness and volume
- To date has 642 progeny in 16 Lambplan recorded flock across Australia
- Farrer retains 100% Semen marketing rights

All semen stored at Genstock Reproductive Technology, Dubbo NSW

Farrer 180273

Sire: Farrer 170015 APP



Farrer 180273

- Selected as a back-up ram for Farrer's 2019 artificial insemination program
- Selected in the Series 24 Superwhites Program
- Used in the Information Nucleus Reference Flock
- Farrer has used in 2020 Artificial insemination program
- Super low birth weight
- Outstanding muscle and very positive fat
- Progeny are early maturing, easy doing on a moderate frame
- Sire with a very high percentage of rams dropped to sale rams
- Excellent IMF and shear force
- To date has 398 progeny in 13 Lambplan recorded flock across Australia
- Farrer retains 100% Semen marketing rights

All semen stored at Genstock Reproductive Technology, Dubbo NSW

Farrer 170015 (APP)

Sire: Marocara 150049 (PD)



Farrer 170015

- Selected as a back-up ram for Farrer's 2018 artificial insemination program
- Selected in the Series 23 Superwhites Program
- Excellent growth, muscle and positive fat
- Used in the Information Nucleus Reference Flock
- To date has 470 progeny in 12 Lambplan recorded flock across Australia
- Farrer retains 100% Semen marketing rights

All semen stored at Genstock Reproductive Technology, Dubbo NSW

Farrer 160067

Sire: Galaxy Park 110210



Farrer 160067 (Sold \$6800)

- Used to back up Farrer's AI Program in 2017
- Selected in Series 22 Superwhite Program
- Excellent growth and worm resistance
- Superb IMF
- Excellent LEQ index
- To date has 188 progeny in 9 Lambplan recorded flock across Australia
- Farrer retains 100% Semen marketing rights

All semen stored at Genstock Reproductive Technology, Dubbo NSW

Farrer 160068

Sire: Galaxy Park 110210



Farrer 160068

- **Used to back up Farrer's AI Program in 2017**
- **Selected in Series 22 Superwhite Program**
- **Farrer used in 2020 and 2021 artificial insemination program**
- **Stylish ram with an outstanding carcass**
- **Excellent early growth and worm resistance**
- **Excellent LMY and IMF**
- **To date has 637 progeny in 18 Lambplan recorded flock across Australia**
- **Used in the Information Nucleus Reference Flock**
- **Outstanding LEQ index**
- **A son Ella Matta 180100 Sold for South Australian on property record \$29000 (2019)**
- **A son Baringa 20W108 Sold for NSW on property record \$22000 (2021)**
- **Farrer retains 100% Semen marketing rights**

All semen stored at Genstock Reproductive Technology, Dubbo NSW

5.0 EWE SALES

25 - 35 White Suffolk Ewes are available for private sale in late November each year.

How are they selected?

Firstly, the Farrer White Suffolk Stud is limited to approximately 125 breeding ewes due to the diverse nature of the activities undertaken on the school properties (ie. 120 HBR Angus breeders, 35 Illawarra milking cows, Pigs, Chickens, Merino Sheep). Each year 60 young replacement ewes are brought into the stud and as a result Farrer is able to sell 25 - 35 mature ewes in late November each year.

After pregnancy scanning, weaning and structural assessment, unsatisfactory performing ewes are sent straight to the Tamworth Regional Livestock Exchange. The rest are then ranked using Lambplan's Lamb LEQ index. The top 125 ewes (with only slight adjustments) are retained in the Farrer White Suffolk Stud and the rest are offered for sale through AuctionPlus. Therefore, the available sale ewes will come from the various age groups currently in the flock.

Contact the school closer to the date for further details or to organise an inspection.



6.0 SUPER WHITES



SUPERWHITES

"The highest performing White Suffolks in Australia"



About Superwhites:

- The Superwhites genetic improvement group was formed in 1995 and comprises 20 members across Australia
- The group has a strong commercial focus and is committed to producing the highest performing White Suffolk rams in Australia
- The group select rams that perform in the paddock under commercial conditions
- The group identify the best genetics in Australia each year and use these within member flocks
- Collectively the group represent 5,000 breeding ewes and produces around 15% of Australia's White Suffolk rams

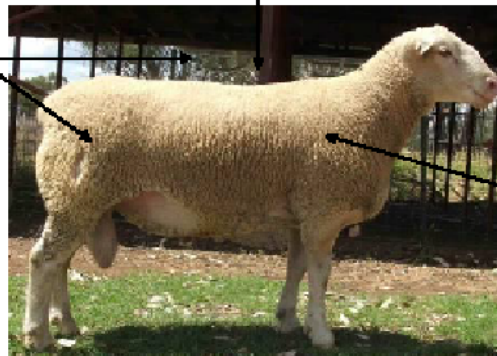
Contact your local Superwhites Breeder for the highest performing White Suffolk rams:



FARRER WHITE SUFFOLKS

Rams are bred for high growth.
After all, weight is what you get paid for!

Rams are selected for muscling in the loin and leg. They are the most expensive cuts.



Rams are bred from the best genetics in Australia and then performance tested to identify the best

<http://www.whitesuffolk.org.au/superwhites/index.htm>



Farrer White Suffolk Stud 2022