ONLINE
AUCTION
LIVE FROM
1 JAN. 2025

ESTD. 1916

Forest Range

- MERINOS -

41st Annual Merino Ram Sale

Wednesday 8 January 2025

Forest Range Station, 5939 Lindis Pass-Tarras Road, Lindis Valley 9347

David and Anna Emmerson

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www.forestrange.co.nz

**– VISIT OUR –
ONLINE SALE
Bidding open
from 1 Jan.**

TWIZEL

OMARAMA

KUROW

SH8

LINDIS PASS

FOREST RANGE

MORVEN HILLS

SH32

WANAKA

TARRAS

CROMWELL

Forest Range
- MERINOS -

ESTD. 1916

41st Annual Merino Ram Sale

Wednesday 8 January 2025

Inspection from 11am · Online auction system training 11.30am
Helmsman Auction from 1.30pm

Forest Range Station, 5939 Lindis Pass-Tarras Road, Lindis Valley 9347

83 objectively measured ultrafine merino rams ranging from 12.1 to 14.5 microns
Registered accredited brucellosis free flock

Light luncheon and refreshments provided - 12pm and post sale.

To be sure of a catalogue please bring this one to the auction.

Welcome to the 2025 Forest Range Ram Sale Catalogue.

We are continuing in our unwavering commitment to quality and producing rams that thrive in challenging environments while delivering premium wool outcomes. It's a source of immense pride to see our genetics playing a central role in achieving top prices in the international market and we would like to congratulate our clients on their successes in the past year. Your achievements reflect not only the value of these bloodlines but also inspires us to continue striving for excellence.

With this in mind, this year marks an exciting transition for us all as we continue to embrace innovation and adapt to meet the demands of modern farming with the introduction of an online Helmsman auction system.

This initiative has been designed to make the auction more accessible – offering convenience and flexibility while maintaining the personal touch and integrity that are the hallmarks of our business.

We believe that this new system will become a valuable tool for our clients and make the auction process more streamlined, provide greater confidentiality and make it easier for you to make ram selections within your budget settings.

We will be running a demonstration of this new platform prior to the sale or alternatively you are welcome to get in touch with us directly and we can do it at a time that suits. You are also still welcome to bid in the same manner you have in the past.

We are also continuing to progress with ways in which we can strengthen our relationships with our international customers and provide ways that these relationships have a flow-on effect for clients using Forest Range genetics. We have registered a new brand in China and New Zealand under the brand name of Mt. Prospect for this reason.

We thank you for your continued support and trust in Forest Range Merinos. We look forward to working alongside you to continue building on the successes of the past and forge a bright future together.

If you think that you will be keen to use the new auction system then please bring a laptop on the day of the auction. The online sale will be available for viewing and registration from 1 January. Bids will be also able to be accepted online in advance of the auction if you are unable to attend on the day – visit **www.sale.forestrange.co.nz** for more information.

Warm regards,

The Emmerson Family

Helmsman Buying System

How our 'Helmsman' Works:

- On arrival intending purchasers are registered directly online and receive a buyer number and a booklet of Bid cards if you wish to make manual bids.
- All rams are displayed for your inspection, with relevant information, online one week prior to the sale.
- Online bids can be made one week prior with formal Bidding opening from 1.30pm on the day of the sale.
- When the sale commences all rams are on the market simultaneously. You may bid on any ram, regardless of lot number - either by filling in a card and handing it to a 'runner' or bidding directly online.
- You may open bidding on any ram at any figure above the reserve price.
- You can also set an Auto-Bid figure for each ram. An Auto-Bid is the maximum bid you are wishing to pay. Your bid will just automatically increase if someone bids under you until it reaches your Auto-Bid limit. You are still able to increase your Auto-Bid limit if you are out bid.
- Bids are recorded, with the Buyer's number, on the sale website and on the screen at the sale. You can bid on any number of rams at once and see at a glance whether your bid still stands or has been over-bid.
- 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 any other ram in the sale.
- A time limit will be imposed from a set time indicated on the screen. If a bid on any animal is made following this time the whole sale will auto extend. The sale ends when no further bids are made on any lot during the final count-down period.
- In case of dispute the Helmsman will have final say.

Please Note: A bid once submitted and recorded cannot be retracted, and the person submitting such bid will be responsible for it until it is overbid.

Conditions of Sale

This sale will be hosted online, with online bidding available from one week prior to sale day, as well as the normal on-farm format. All intending purchasers must register on the online system, either in advance of the sale by visiting the Forest Range website or on-farm on actual sale date.

The sale will be conducted under the conditions governing Auction Sales held under the auspices of the Otago Stock and Station Agents Association. The description of stock in this catalogue shall be deemed to be correct. No error, omission, or misdescription shall in anyway invalidate the sale or be made the subject of any claims for compensation.

You should only place a bid if you intend to buy at the price entered. Placing the winning bid creates a legal contract between you and Forest Range Ltd where you agree to complete the purchase.

Every lot will be the purchaser's responsibility as from the conclusion of the sale.

The sale will be operating privately without affiliation to any Stock Firm and the terms will be as follows:

- All bids made are exclusive of GST.
- All stock remains the property of Forest Range Ltd until payment is made in full. Current rates of interest will apply on overdue accounts.
- Commission payable by purchaser where handled by a Stock Firm.
- Minimum bids are set at $100.00.

Transfers:
Buyers are requested to leave their full address with the Booking Clerks before leaving the sale, sign their transfer forms and leave instructions for delivery. Grazing can be arranged pending transport. Please notify as early as possible. No animals to be removed until after completion of entire sale and the completed Purchaser's Instruction Slip must be presented to staff when loading out.

Explanation of Breeding Values

Why use BVs?

The measure of a ram's ability to produce superior progeny is known as its Breeding Value or BV.

The weight (or micron) of a sheep's fleece is determined by two main factors – the genes that the animal carries and how the animal has been managed. If a ram has a high fleeceweight it is impossible to tell from that one number if the high fleeceweight was because the animal had good genetics or whether it had just been well fed. To someone wanting to sell that particular fleece, the reason for the high fleeceweight is not important. If however, that person wants to use the ram to breed replacements, it makes sense to choose an animal that will pass on high fleeceweight genes to its offspring, rather than an animal that will have offspring with poor fleeceweights. In other words, the buyer really wants to know the value of a ram for breeding purposes, that is its BV.

How do you interpret a BV?

A BV tells us how good an animal's genes are for a particular trait, relative to the average animal in the flock, where the average animal has a BV of zero.

Take for example three rams with BVs for Clean Fleeceweight (CFW) of 0.40kg, -0.40kg and 0.02kg. The BV for Ram 1 is 0.80kg higher than Ram 2 and 0.38kg higher than Ram 3. Because each ram only passes on half of his genes for clean fleeceweight to his progeny (the other half coming from the ewe), progeny from the first ram will be expected to have clean fleeceweights that are 0.40kg heavier than the CFWs of progeny from the second ram, and 0.19kg heavier than the CFWs of progeny from the third ram.

Animals with negative BVs for Mean Fibre Diameter may be more desirable because they have fleeces that are finer than the flock average. Please note: It is important to remember that BVs and indices are applied to the entire unselected crop, and have no relationship to subjective traits.

What does an Index do?

The Index combines the BVs for MFD and CFW as one number that describes the overall merit of an animal.

PLEASE NOTE: We have changed the Index printed on the stock pages. Because of our altered breeding policy of increasing fleece weights it shows **-1 x emphasis on MFD plus 1 x emphasis on CFW.** For example: Lot No 1, Ram No 2 has an Index figure of +1.65 as shown (-1 x 1.48 + 0.17 = +1.65)

Lot	Sheep No. **INDEX**	MFD1 / Yield1 (6.10.23) **MFD(BV)**	GFW1 / CFW1 (31.10.23) **CFW(BV)**	MFD2/Yield 2 (20.3.24)	MFD3 / Yield 3 (1.9.24)	GFW2 / CFW2 (20.9.24)	SIRE	FD CV%
1	2 **1.65**	11.9 / 69 **-1.48**	2.9 / 2.0 **0.17**	13.2 / 67	13.2 / 67	4.1 / 2.5	200181	17.3

Example:

If you wish to value the CFW 3 x higher than MFD the equation is:	If you wish to value the MFD 3 x higher than CFW the equation is:

Index   =   -1 x MFD(BV)   +   3 x CFW(BV)
 Ram No 2   =   -1 x -1.65   +   3 x 0.17
              =   +1.65   +   -0.51
              =   **+2.16**
	Index = -3 x MFD(BV) + 1 x CFW(BV)
	 Ram No 1 = -3 x -1.65 + 1 x 0.17
	              = +4.95 + 0.17
	              = **+5.12**

It is important to remember that BVs and Indices are applied to the entire unselected crop and have no relationship to subjective traits.

Exploiting the Merino for Genetic Gain

COMMERCIAL EWES

RISING 2-TOOTH RAMS
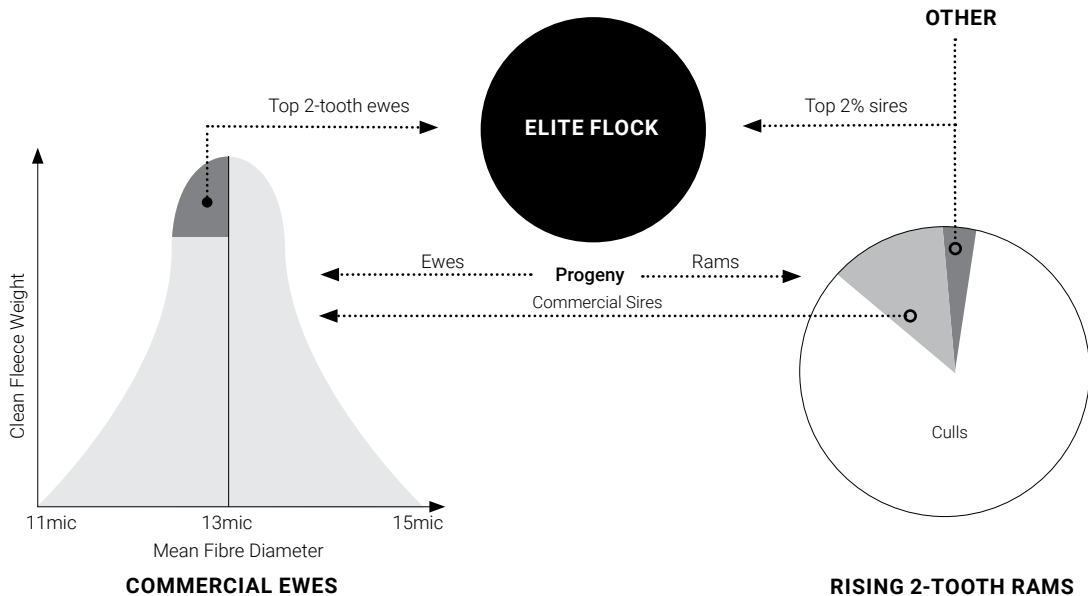
Genetic Parameters

	Mean Fibre Diameter	Clean Fleece Weight
Heritability	42%	27%
Repeatability	74%	52%

"The level of genetic variation is population dependent, and could therefore be different for Forest Range Merinos compared to other merinos.

Estimates are of genetic paramaters based on some ten years of individual records of hogget performance and representing progeny sires from up to 177 sires."

Dr. Dorian Garrick

Co-efficient of Variation (CV)

Co-efficient of Variation (CV) measures the spread of fibre diameter variation of the sample to the average. It assumes that the spread is equally important at all micron categories.

It is calculated by dividing the standard deviation (SD) by the mean fibre diameter then multiplying by 100.

Co-efficient of Variation which ideally should also be low is a ready method of comparing wools of different average fibre diameter. The lower the CV, the narrower and more uniform the fibre diameter distribution leading to improved staple structure, style, spinning performance and greater resistance to fleece rot.

OFDA Histogram printouts will be available for the sale rams. These show the spread or distribution of fibre diameters. Histograms are of particular value to sheepbreeders, top makers and spinners where standard deviation, co-efficient of variation and prickle factor, as well as mean fibre diameter measurements are required.

The Histrogram data is helping sheepbreeders to identify and select against those fibres thought to be responsible for 'prickle' in woollen garments. It is also a valuable tool in identifying animals with wool with poor handle and structure which are more susceptible to fleece rot and fly strike.

Average of 2022 Ram Crop

	Hoggets	18 Months	2 Year
Micron	12.1	13.3	13.1
G.F.W.	2.4		3.4
C.F.W.	1.7		2.4
Yield	70	70	71
CV%			16.3

2022 Rams	
Objectively Measured (Hogget)	100%
Objectively Measured (2nd test)	67%
Retained for Selection (3rd test)	62%
Offered for Sale	26%
Culled (as hoggets)	33%

Flock Statistics – Hogget average micron

2016	2017	2018	2019	2020	2021	2022	**2023**
13.2	13.6	13.25	13.08	13.0	13.0	12.8	**13.0**

Summary of 2022 Rams for sale

	Hoggets	**18 Months**	**2 Year**
Micron	11.9	13.2	13.2
G.F.W.	2.5		3.5
C.F.W.	1.8		2.5
Yield	72	70	71
CV%			16.3

All 4-tooth rams offered for sale are:

- Brucellosis Accredited Free – Flock No. 3586
- Vet tested
- Presented in natural condition
- Drenched with Matrix prior to sale; and
- Rams' wool weights at 4-tooth are for 10 months only.

Index:
The Index is -1:1
(equal emphasis on reducing fibre diameter and increasing fleece weight).

Auction Averages:

2020-21	2022-23	2023-24
$1458	$1420	$1290

Reserve Price:
$1000 regardless of Index value.
Minimum bid set at $100.00

Forest Range 4-Tooth Rams for Auction

Please Note: *Information given is from a guaranteed mid side sample taken on the dates shown and independently laboratory tested by OFDA method by SGS. Fleece weights at stated shearing dates.* **All Rams born 2022.**

Lot	Sheep No. **INDEX**	MFD1 / Yield1 (6.10.23) **MFD(BV)**	GFW1 / CFW1 (31.10.23) **CFW(BV)**	MFD2/Yield 2 (20.3.24)	MFD3 / Yield 3 (1.9.24)	GFW2 / CFW2 (20.9.24)	SIRE	FD CV%
1	2 **1.65**	11.9 / 69 **-1.48**	2.9 / 2.0 **0.17**	13.2 / 67	13.2 / 67	4.1 / 2.5	200181	17.3
2	3 **1.48**	12.3 / 73 **-1.33**	2.4 / 1.8 **0.15**	13.4 / 73	13.6 / 79	3.4 / 2.6	200181	16.0
3	9 **1.44**	12.3 / 71 **-1.31**	2.8 / 1.9 **0.14**	14.1 / 69	13.1 / 59	3.9 / 2.3	200181	15.3
4	11 **1.74**	12.0 / 67 **-1.53**	3.0 / 2.0 **0.21**	12.8 / 65	13.1 / 68	4.0 / 2.7	200180	17.1
5	12 **1.62**	11.7 / 73 **-1.53**	2.4 / 1.7 **0.09**	13.3 / 73	13.0 / 72	3.3 / 2.3	200181	15.4
6	16 **1.93**	11.4 / 85 **-1.66**	2.6 / 2.2 **0.27**	12.7 / 81	13.0 / 82	3.6 / 3.0	200181	16.2
7	17 **1.27**	12.9 / 74 **-1.11**	2.8 / 2.0 **0.16**	14.5 / 65	13.4 / 67	3.5 / 2.3	200181	16.0

BRUCELLOSIS ACCREDITED FREE

Lot	Sheep No. **INDEX**	MFD1 / Yield1 (6.10.23) **MFD(BV)**	GFW1 / CFW1 (31.10.23) **CFW(BV)**	MFD2/Yield 2 (20.3.24)	MFD3 / Yield 3 (1.9.24)	GFW2 / CFW2 (20.9.24)	SIRE	FD CV%
8	19 **1.95**	11.6 / 67 **-1.74**	3.0 / 2 .0 **0.22**	12.3 / 67	13.3 / 71	4.0 / 2.8	200181	15.4
9	21 **1.55**	12.2 / 73 **-1.33**	2.9 / 2.1 **0.22**	13.7 / 69	13.4 / 70	3.9 / 2.7	200181	16.0
10	30 **1.48**	12.0 / 64 **-1.43**	2.3 / 1.5 **0.05**	13.0 / 66	13.6 / 69	3.5 / 2.4	200181	18.5
11	32 **1.75**	11.5 / 77 **-1.58**	2.6 / 2.0 **0.17**	13.6 / 75	12.6 / 71	3.5 / 2.5	200181	16.3
12	43 **1.28**	11.6 / 76 **-1.23**	2.3 / 1.7 **0.06**	12.9 / 67	13.3 / 73	3.3 / 2.4	200167	15.9
13	67 **1.53**	11.6 / 72 **-1.48**	2.2 / 1.6 **0.05**	13.5 / 69	13.3 / 64	3.7 / 2.4	200063	16.2
14	69 **1.47**	11.9 / 76 **-1.40**	2.2 / 1.6 **0.07**	13.5 / 69	13.5 / 75	3.2 / 2.4	200063	15.8
15	70 **1.73**	11.4 / 73 **-1.53**	2.6 / 1.9 **0.21**	13.4 / 73	13.3 / 76	3.9 / 3.0	200063	16.5
16	71 **1.42**	12.3 / 66 **-1.31**	2.7 / 1.8 **0.11**	13.9 / 68	13.3 / 69	3.6 / 2.4	200063	15.5

ALL RAMS VET TESTED

Lot	Sheep No. INDEX	MFD1 / Yield1 (6.10.23) MFD(BV)	GFW1 / CFW1 (31.10.23) CFW(BV)	MFD2/Yield 2 (20.3.24)	MFD3 / Yield 3 (1.9.24)	GFW2 / CFW2 (20.9.24)	SIRE	FD CV%
17	74 **1.20**	12.7 / 73 **-1.14**	2.1 / 1.5 **0.06**	14.3 / 69	13.7 / 79	3.2 / 2.5	200063	15.0
18	76 **1.45**	12.2 / 80 **-1.39**	2.1 / 1.7 **0.06**	13.4 / 78	13.3 / 78	3.0 / 2.3	200063	17.2
19	80 **1.92**	11.4 / 76 **-1.78**	2.5 / 1.9 **0.14**	12.6 / 78	12.8 / 76	3.5 / 2.6	200178	17.7
20	89 **1.78**	11.3 / 65 **-1.88**	2.4 / 1.6 **-0.11**	12.9 / 63	12.9 / 66	3.3 / 2.2	200043	16.7
21	90 **1.44**	11.9 / 68 **-1.59**	2.1 / 1.4 **-0.15**	13.5 / 64	13.7 / 67	3.0 / 2.0	200043	16.3
22	91 **1.81**	11.3 / 73 **-1.93**	2.1 / 1.5 **-0.12**	12.7 / 71	12.8 / 66	3.2 / 2.1	200043	15.9
23	93 **1.76**	12.2 / 78 **-1.79**	2.4 / 1.9 **-0.03**	12.6 / 73	12.8 / 77	3.0 / 2.3	200043	16.3
24	95 **1.51**	12.1 / 75 **-1.67**	2.0 / 1.5 **-0.16**	13.4 / 66	13.0 / 68	2.8 / 1.9	200043	18.2
25	96 **1.46**	12.2 / 76 **-1.57**	1.9 / 1.4 **-0.12**	13.7 / 71	13.3 / 74	3.1 / 2.3	200043	15.5

HELMSMAN BUYING SYSTEM OPERATING FROM 1.30PM

Lot	Sheep No. **INDEX**	MFD1 / Yield1 (6.10.23) **MFD(BV)**	GFW1 / CFW1 (31.10.23) **CFW(BV)**	MFD2/Yield 2 (20.3.24)	MFD3 / Yield 3 (1.9.24)	GFW2 / CFW2 (20.9.24)	SIRE	FD CV%
26	97 **1.63**	11.7 / 77 **-1.64**	2.3 / 1.7 **-0.01**	13.7 / 68	13.4 / 72	3.6 / 2.6	200043	16.0
27	98 **1.80**	11.7 / 65 **-1.86**	2.5 / 1.6 **-0.06**	12.8 / 66	12.7 / 71	3.4 / 2.4	200043	15.4
28	104 **1.84**	12.2 / 76 **-1.76**	2.8 / 2.1 **0.08**	12.8 / 74	12.8 / 70	3.9 / 2.8	200043	15.7
29	106 **1.72**	11.4 / 73 **-1.75**	2.5 / 1.8 **-0.03**	13.6 / 73	13.1 / 74	3.2 / 2.3	200043	16.4
30	108 **1.77**	11.6 / 65 **-1.81**	2.6 / 1.7 **-0.04**	13.2 / 65	12.8 / 67	3.8 / 2.5	200043	18.8
31	113 **1.88**	11.1 / 74 **-1.97**	2.2 / 1.6 **-0.09**	12.7 / 69	12.7 / 73	3.0 / 2.2	200043	16.0
32	114 **1.47**	12.1 / 73 **-1.70**	1.7 / 1.2 **-0.23**	13.1 / 69	13.1 / 75	2.3 / 1.7	200043	14.8
33	116 **1.70**	11.7 / 74 **-1.67**	2.4 / 1.8 **0.03**	13.5 / 77	13.4 / 78	3.7 / 2.9	200043	14.8
34	117 **1.58**	12.2 / 71 **-1.65**	2.2 / 1.5 **-0.08**	13.2 / 69	13.2 / 71	3.4 / 2.4	200043	16.8

BV'S CALCULATED BY BLUP ANALYSIS

Lot	Sheep No. **INDEX**	MFD1 / Yield1 (6.10.23) **MFD(BV)**	GFW1 / CFW1 (31.10.23) **CFW(BV)**	MFD2/Yield 2 (20.3.24)	MFD3 / Yield 3 (1.9.24)	GFW2 / CFW2 (20.9.24)	SIRE	FD CV%
35	118 **2.07**	11.0 / 79 **-2.09**	2.3 / 1.8 **-0.02**	12.2 / 70	12.5 / 75	3.3 / 2.4	200043	15.4
36	133 **1.68**	11.8 / 62 **-1.76**	2.4 / 1.5 **-0.09**	12.9 / 58	12.9 / 64	3.2 / 2.1	200061	19.0
37	134 **1.96**	11.3 / 67 **-2.07**	2.3 / 1.5 **-0.11**	12.1 / 65	12.1 / 67	2.9 / 1.9	200061	16.0
38	136 **1.81**	11.3 / 72 **-1.89**	2.2 / 1.6 **-0.09**	12.6 / 72	12.6 / 73	2.8 / 2.0	200061	15.8
39	137 **1.80**	11.6 / 74 **-1.76**	2.7 / 2.0 **0.04**	13.2 / 70	12.9 / 65	3.6 / 2.3	200061	17.6
40	138 **2.03**	11.5 / 79 **-1.89**	2.9 / 2.3 **0.15**	13.1 / 75	12.2 / 75	3.6 / 2.7	200061	17.5
41	139 **1.91**	11.6 / 75 **-1.78**	2.8 / 2.1 **0.13**	13.2 / 74	12.7 / 76	3.7 / 2.8	200061	16.1
42	140 **1.58**	12.0 / 77 **-1.57**	2.5 / 1.9 **0.01**	13.5 / 73	13.4 / 73	3.0 / 2.2	200061	15.5
43	143 **2.05**	11.0 / 80 **-2.06**	2.2 / 1.7 **-0.02**	12.3 / 78	12.3 / 82	2.8 / 2.3	200061	16.7

BRUCELLOSIS ACCREDITED FREE

Lot	Sheep No. **INDEX**	MFD1 / Yield1 (6.10.23) **MFD(BV)**	GFW1 / CFW1 (31.10.23) **CFW(BV)**	MFD2/Yield 2 (20.3.24)	MFD3 / Yield 3 (1.9.24)	GFW2 / CFW2 (20.9.24)	SIRE	FD CV%
44	147 **1.34**	12.2 / 76 **-1.45**	2.1 / 1.6 **-0.11**	13.9 / 68	13.7 / 76	2.4 / 1.8	200061	15.2
45	148 **1.81**	11.8 / 70 **-1.73**	2.9 / 2.0 **0.08**	12.9 / 69	13.1 / 69	3.8 / 2.6	200061	16.7
46	149 **2.20**	11.0 / 71 **-2.08**	2.7 / 1.9 **0.13**	12.2 / 73	12.3 / 73	4.3 / 3.1	200061	16.6
47	152 **1.61**	11.4 / 74 **-1.64**	2.2 / 1.6 **-0.03**	13.5 / 67	13.6 / 68	3.4 / 2.3	200061	15.6
48	156 **1.70**	11.6 / 75 **-1.78**	2.3 / 1.7 **-0.08**	13.5 / 74	12.7 / 65	2.8 / 1.8	200061	16.6
49	158 **1.48**	12.4 / 65 **-1.46**	2.7 / 1.7 **0.02**	13.3 / 68	13.9 / 61	4.2 / 2.5	200061	16.7
50	160 **1.48**	12.4 / 74 **-1.56**	2.2 / 1.6 **-0.09**	13.2 / 68	13.3 / 72	2.6 / 1.9	200061	14.1
51	163 **1.66**	11.9 / 75 **-1.57**	2.4 / 1.8 **0.10**	13.6 / 72	13.5 / 75	4.0 / 3.0	200061	16.1
52	164 **1.55**	12.4 / 71 **-1.58**	2.4 / 1.7 **-0.03**	13.1 / 64	13.3 / 67	3.3 / 2.2	200061	16.6

ALL RAMS VET TESTED

Lot	Sheep No. **INDEX**	MFD1 / Yield1 (6.10.23) **MFD(BV)**	GFW1 / CFW1 (31.10.23) **CFW(BV)**	MFD2/Yield 2 (20.3.24)	MFD3 / Yield 3 (1.9.24)	GFW2 / CFW2 (20.9.24)	SIRE	FD CV%
53	169 **1.67**	11.8 / 69 **-1.71**	2.5 / 1.7 **-0.04**	13.0 / 72	13.2 / 64	3.4 / 2.2	200061	15.5
54	172 **1.68**	12.1 / 67 **-1.70**	2.6 / 1.7 **-0.02**	13.0 / 67	12.9 / 71	3.3 / 2.3	200061	16.6
55	181 **1.19**	11.9 / 77 **-1.18**	2.2 / 1.7 **0.01**	13.4 / 76	13.7 / 73	2.9 / 2.1	200283	15.0
56	182 **1.36**	11.8 / 73 **-1.23**	2.5 / 1.8 **0.13**	13.5 / 75	13.4 / 74	3.8 / 2.8	200283	18.0
57	186 **1.48**	11.9 / 78 **-1.44**	2.3 / 1.8 **0.04**	12.8 / 69	12.5 / 73	3.0 / 2.2	200283	16.2
58	188 **1.42**	12.1 / 65 **-1.14**	3.8 / 2.4 **0.28**	13.6 / 63	13.6 / 68	4.4 / 2.9	200283	16.7
59	199 **1.62**	12.2 / 78 **-1.45**	2.7 / 2.1 **0.17**	12.5 / 68	12.3 / 72	3.8 / 2.7	200283	16.2
60	213 **1.76**	12.2/ 72 **-1.40**	3.2 / 2.3 **0.36**	13.6 / 70	13.3 / 74	4.7 / 3.5	200019	16.5
61	215 **1.81**	11.7 / 76 **-1.65**	2.3 / 1.7 **0.16**	12.8 / 70	12.9 / 75	3.8 / 2.9	200019	16.3

HELMSMAN BUYING SYSTEM OPERATING FROM 1.30PM

Lot	Sheep No. **INDEX**	MFD1 / Yield1 (6.10.23) **MFD(BV)**	GFW1 / CFW1 (31.10.23) **CFW(BV)**	MFD2/Yield 2 (20.3.24)	MFD3 / Yield 3 (1.9.24)	GFW2 / CFW2 (20.9.24)	SIRE	FD CV%
62	217 **1.48**	12.3 / 79 **-1.28**	2.7 / 2.1 **0.20**	13.8 / 74	13.8 / 71	3.9 / 2.7	200019	15.6
63	219 **1.87**	11.2 / 81 **-1.64**	2.7 / 2.1 **0.24**	13.4 / 73	13.0 / 77	3.7 / 2.9	200019	16.1
64	230 **1.41**	12.6 / 64 **-1.32**	2.5 / 1.6 **0.09**	13.7 / 70	13.3 / 69	3.8 / 2.6	200019	15.6
65	232 **1.65**	11.8 / 78 **-1.52**	2.3 / 1.8 **0.13**	13.1 / 72	13.4 / 72	3.6 / 2.6	200019	16.3
66	242 **1.78**	11.6 / 69 **-1.66**	2.7 / 1.8 **0.12**	12.6 / 69	12.2 / 75	3.7 / 2.7	200077	16.5
67	243 **1.42**	11.6 / 66 **-1.34**	2.6 / 1.7 **0.08**	13.7 / 63	13.4 / 69	4.0 / 2.7	200077	16.0
68	244 **1.61**	11.7 / 76 **-1.46**	2.7 / 2.1 **0.15**	13.1 / 75	13.0 / 79	3.4 / 2.6	200077	17.8
69	264 **1.37**	12.6 / 73 **-1.11**	2.8 / 2.0 **0.26**	13.8 / 76	13.8 / 76	4.2 / 3.1	200169	15.6
70	265 **1.56**	12.3 / 68 **-1.30**	3.0 / 2.1 **0.26**	13.5 / 69	13.1 / 70	4.5 / 3.1	200169	17.6

BV'S CALCULATED BY BLUP ANALYSIS

Lot	Sheep No. **INDEX**	MFD1 / Yield1 (6.10.23) **MFD(BV)**	GFW1 / CFW1 (31.10.23) **CFW(BV)**	MFD2/Yield 2 (20.3.24)	MFD3 / Yield 3 (1.9.24)	GFW2 / CFW2 (20.9.24)	SIRE	FD CV%
71	268 **1.76**	11.9 / 73 **-1.47**	3.1 / 2.3 **0.29**	12.6 / 73	13.2 / 74	4.1 / 3.0	200169	16.5
72	272 **1.29**	11.8 / 70 **-1.21**	2.4 / 1.7 **0.08**	13.9 / 66	13.9 / 67	3.6 / 2.4	200169	15.4
73	273 **1.34**	11.6 / 68 **-1.29**	2.2 / 1.5 **0.05**	13.7 / 69	13.8 / 70	3.5 / 2.4	200169	15.4
74	282 **1.57**	12.0 / 71 **-1.42**	2.3 / 1.6 **0.16**	12.9 / 74	13.2 / 77	3.9 / 3.0	200169	15.6
75	283 **1.08**	**11.7 / 64** **-1.07**	**2.0 / 1.3** **0.02**	14.5 / 72	*14.5 / 66*	3.7 / 2.5	200169	15.8
76	289 **1.23**	12.2 / 79 **-1.17**	2.5 / 1.9 **0.06**	13.9 / 71	13.4 / 72	3.3 / 2.3	200125	15.5
77	311 **1.39**	11.8 / 73 **-1.24**	3.0 / 2.2 **0.15**	13.8 / 71	13.5 / 76	3.6 / 2.7	200125	15.4
78	315 **1.30**	12.6 / 65 **-1.20**	3.3 / 2.1 **0.10**	13.4 / 68	13.3 / 65	3.7 / 2.4	200045	15.1
79	316 **1.20**	12.4 / 65 **-1.26**	2.7 / 1.7 **-0.06**	13.1 / 67	13.5 / 57	3.3 / 1.9	200045	17.1

BRUCELLOSIS ACCREDITED FREE

Lot	Sheep No. **INDEX**	MFD1 / Yield1 (6.10.23) **MFD(BV)**	GFW1 / CFW1 (31.10.23) **CFW(BV)**	MFD2/Yield 2 (20.3.24)	MFD3 / Yield 3 (1.9.24)	GFW2 / CFW2 (20.9.24)	SIRE	FD CV%
80	331 **1.36**	12.2 / 69 **-1.41**	2.3 / 1.6 **-0.05**	12.3 / 68	13.3 / 72	3.0 / 2.1	200045	17.2
81	332 **1.12**	12.7 / 68 **-1.00**	2.9 / 2.0 **0.12**	13.8 / 68	14.2 / 72	3.9 / 2.8	200045	16.0
82	336 **1.53**	11.6 / 71 **-1.62**	2.1 / 1.5 **-0.09**	12.4 / 74	12.5 / 70	2.8 / 2.0	200045	17.2
83	337 **1.77**	11.5 / 74 **-1.77**	2.5 / 1.8 **-0.01**	11.8 / 67	12.1 / 66	3.1 / 2.1	200045	17.7

ALL RAMS VET TESTED

Sire Summary

Details supplied are Progeny results, NOT the Ram's own statistics.

SIRE	No. of Progeny	Av. MFD1	Av. CFW1	Av. MDF2	Av. CFW2
200019	63	12.2	1.7	13.3	2.1
200043	46	11.7	1.5	12.8	2.0
200045	53	12.6	1.7	13.4	1.9
200061	77	11.9	1.6	13.0	2.0
200063	40	12.2	1.7	13.4	2.2
200077	40	12.6	1.6	13.1	2.1
200125	58	12.6	1.6	13.3	1.9
200167	45	13.3	1.7	13.3	1.8
200169	44	12.4	1.7	13.6	2.3
200178	24	12.2	1.7	12.9	2.0
200181	69	12.3	1.8	13.3	2.2
200283	53	12.8	1.7	13.4	2.0
200394	25	12.9	1.9	12.6	2.1

Purchaser's Instruction Slip

To be filled in and handed to the Clerks before leaving Sale.
No verbal instructions can be accepted.

Date of Sale: **8 January 2025**

Name:

Address:

Transport Company (be definite):

Transport Instructions:

Company Name Purchases to be Debited to:

Company Address:

Signature of Buyer or Agent:

Registration No.

PURCHASES:

| Lot No.	Sheep No.
Lot No.	Sheep No.
Lot No.	Sheep No.
Lot No.	Sheep No.
Lot No.	Sheep No.
Lot No.	Sheep No.
Lot No.	Sheep No.
Lot No.	Sheep No.
Lot No.	Sheep No.

Acknowledgements

On the occasion of our 41st Annual Ram Auction we would like to especially thank the following for their help over the years:

- Ben Everest and Scarlet Cocroft
- Forest Range support staff and contractors
- Tui Willson

- A Cox shearing contractor and staff
- Alistair Brockie and family
- Cromwell Transport and staff
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- Jo & Graeme Irvine
- Otago Airspread
- S.G.S. Wool Testing Services, Timaru
- Shearwell Data
- Vet Centre.

With special thanks to
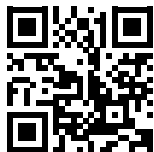
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from 1 Jan.**

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