



WELCOME TO CLOVEN HILLS'

9th ANNUAL RAM SALE

TUESDAY, 4 OCT 2022 FROM 10:30AM ON-FARM AND AUCTIONSPLUS

TOP RANKED MATERNAL GENETICS | MODERATELY SIZED EWES | FERTILITY, GROWTH, CARCASE, HARDINESS

GENETICS FOR PROFIT FROM Paddock TO PLATE

TAILOR ASBV_s TO SUIT YOUR BUSINESS

532

**STUD & FLOCK
RAMS ON
OFFER**

SALE CATALOGUE 3% REBATE TO OUTSIDE AGENTS.

OPEN DAY THURS 22 SEPT | 11:00AM-4PM

Both Sale & Open Day at Cloven Hills, 450 Haydens Rd, Nareen VIC 3315

Nutrien
Ag Solutions®

AuctionsPlus®

**LAMBPLAN
ASBV**

Webb & Woodiwiss
LIVESTOCK MARKETING



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AT 450 HAYDENS RD, NAREEN :: OPEN AUCTION IN PENS OF 3

We are proud of the impact Cloven Hills genetics is having both for our clients and the broader prime lamb industry. Our recent analysis of the maternal database revealed 63% of the top 20 percent of sires across all maternal composite studs throughout Australia, are sired by our rams. This demonstrates the confidence industry has in our genetics and we are confident clients are getting excellent value in terms of the ranking of the genetics offered and the prices they are fetching at our auctions (\$800-11,000). We pride ourselves on helping people work out what is important to them and customizing rams to suit their objectives and budgets.

However, our job is to strive for on-going improvement by continuing to apply rigorous selection pressure and strive for continual improvement. We have been doing this in several ways. Firstly, we continue to use the best tools available to accelerate our rate of genetic gain within our flock. Secondly, we are constantly analyzing our own database and the tens of thousands of physical scoring records and measurements to select for resilience, hardiness and good physical attributes. Thirdly, we have focused on outcross sires to ensure we are providing clients with genetic diversity. Finally, we have been experimenting with improving meat eating quality and wool without compromising on the key profit drivers of fertility, growth hardiness, carcase in moderately sized, low maintenance animals.

We are therefore excited at the offering in this catalogue, as it represents a solid selection of animals, which have underpinned our business and yours, as well as an introduction of some of the animals with the new traits we have been developing.

- Kate and Chris Dorahy – Cloven Hills



"We had been looking at making the change from Merinos to maternal Composites for about four years; we lamb from now into September and with two falls of (rain) 60 mil's a few days apart in 2017, lambing with Merinos was very challenging.

"We spoke to Kate and Chris about what we thought we were going to buy and they did say there was plenty of options there for us.

"When the sale came, we were confident we knew exactly what we were buying and we also bought Cloven Hills ewe lambs from another long-term Cloven Hills client instead of trying to breed over our Merinos, because it would take too long to get where we wanted to be.

"With the Cloven Hills Composites, it's amazing how little feed you have to have, to run singles.

"The twins were easy ... minimal interference and probably the easiest, best lambing we've seen.

"We have also done just some basic sums on the difference between Merinos and the Composites, income-wise.

"Working it out, we ran through, just with the marking percentage, the sale of the sheep, the sale of the wool, working it back to a ewe dollar value, the Composites are ahead already.

"We couldn't be happier with where we're headed."

- Alister Woods, Craigwood, VIC

GENETIC GAIN - WHY?

Genetic gain is key to improving your on farm production.

Selecting the specific traits that will target your production objectives is important as your farm's genetic gain will mirror where you purchase your genetics.

Genetic gain is therefore pivotal to increasing on farm profitability particularly as we have cost rising in the current inflationary environment. Cloven Hills long term gain of 4 MCP+ index points is 74% higher than the average database gain. In actual fact it will be higher given Cloven Hills data is included in the database average with Cloven Hills contributing 10% of the LAMBPLAN maternal database (Source: Sheep Genetics April 2022).

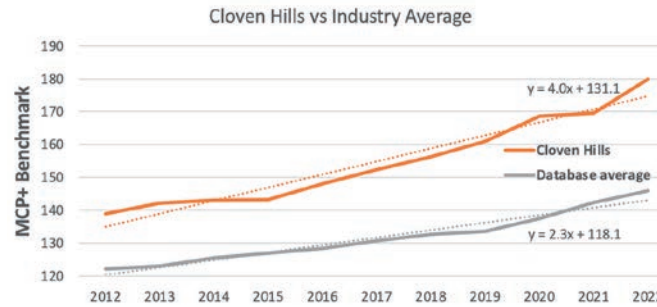


Figure 1: Cloven Hills and database average MCP+ benchmark over past 10 years from July 2022 Sheep Genetics database run. Note the 2022 benchmark for Cloven Hills is based on parent average matings and industry average is double the long-term trend

Longevity, Resilience, Structurally Sound and Repeatable Performance



Cloven Hills 110042, starting from 2012 she has raised 2,2,2,3,2,2,2,3,3,2 lambs respectively.

This year we put her in our ET program and flushed 12 embryos and we have 11 live lambs to our top ranking sire 202127, this gives an exciting opportunity to modernise her with the

potential to keep a son or for clients to buy a high genetic merit son. She has successfully scanned in lamb to a natural join afterwards with twins that are due any day now.

She has remained structurally sound, dag free and her condition score prior to joining was 3.3. Amazing for her age. Her average efficiencies at weaning are 230% lambs and 118% of her body weight (kg lambs/kg ewe). This genetic line is well represented in our pedigrees and across many flocks nationally. Her twin brother had 711 progeny across 5 flocks. On figures she is top 20% for MCP+, fertility and milk.



RANKED # 5: CLOVEN HILLS 2017-188

Cloven Hills 20170188 has been the best performer in our stud and has had a huge influence on the national flock with 2189 progeny including sons and grandsons in this catalogue!

He stood out from the pack even as a ram lamb, with the early classing comments saying 'Very nice, huge nuts!'. If you haven't ever been convinced about the correlation between scrotal circumference and daughter fertility, this guy will convince you. We know he breeds moderate ewes that are highly fertile and he keeps condition on his back with not much tucker and a dag score of 1!

"We are changing the structure of our sheep operation at Molka, in the past we have run around 4500 ewes, and now we are shifting to a maternal composite for ease-of-breeding, self-replacements.

"Cloven Hills was our choice for rams this year, to go over a line of 1000 composite ewes we have bought in, for their moderate frame, good reproduction rates and low birthweight, focusing on increasing that important kilogram per hectare produced."

- Ben Harrison, The Falls Pastoral, VIC.



Chris and Kate welcomed new client, Ben Harrison and The Falls Pastoral, to our Spring ram sale. The Falls took home 21 head, including Lot 104 who went under the hammer for \$3400.

OCTOBER RAM SALE

This year's October Ram Sale will offer 532 rams, which continue our goal of catering to a range of budgets and needs.

The top 100 rams in this catalogue average in the top 1% of the MCP+ index. The top 300 average in the top 5% of the MCP+ index. The top 400 average top 7% (MCP+ 172). Fertility and growth across the entire catalogue average in the top 20%, whilst the average PWT and AWT average 14.1 and 12.1, respectively. Average curve bend is -ve 21%, whilst average weaning percentage and ewe efficiency of all dams is 165% and 88%, respectively, highlighting our focus on very efficient animals. This meets our clients demands for moderate ewes, enabling profitable and sustainable stocking rates to optimise kg lamb per ha.

In the offering, will be sons of Australia's highest-ranking rams, including 9 by CH - 202520 (Number 1 ranked ram in the Maternal Database), as well as 16 from Cloven Hills 170188 who has had a huge impact across the whole industry. In addition, we are offering 27 sons of 191927, ranked 32. He is a good looking structurally sound, black footed ram used as an outcross sire in our program and his sons would suit buyers looking to diversify away from CH-170188. In addition, there are 3 sons of CH - 180887. The four-year old is in the top 10 sires on the maternal database with MCP+ of 192, while maintaining ASBVs in the top 10% for IMF and shear force. He is one to watch for providing desirable meat-eating quality characteristics without compromising key production and profit drivers.

Kate is available to take clients through ASBV data for rams on offer and assist with short-listing rams to suit every clients' production targets.

**BIOSECURITY (FMD): WEAR CLEAN SHOES AND CLOTHING.
WASH YOUR VEHICLE AND TRAILERS PRIOR TO COMING.
FOLLOW ANY OTHER PROTOCOLS AS DIRECTED.**

QUALITY ASSURANCE & ANIMAL HEALTH

- ✓ Lambplan recorded (5 star data quality score)
- ✓ Brucellosis Free, Accreditation 3604 (Expiry 31/7/24)
- ✓ OJD Eligible All States, approved vaccinates
- ✓ Guaranteed for 2 years (structure and death)
- ✓ Rams have full 6 in 1 history
- ✓ Rams Shorn August
- ✓ Rams Testicles have been checked
- ✓ Rams have been treated with Extinosad post shearing
- ✓ Rams have been drenched post shearing with Trifecta
- ✓ Health Statements supplied with NVD



Cloven Hills blood lambs, bred on Helen Baillie's Wesley Dale Strowan farming operation in Tassie, have hit the nail on the head for another Tassie business.

Australian family-owned meat processor, Tasmanian Quality Meats, has been buying Helen's lambs for around a year and the quality and consistency of the product sees it shipped two days, every week, to Queensland under the processor's blue ribbon label.

"We've got a premium lamb brand, Lamb of Tasmania and a normal strip brand product and the demand for our products is growing all the time ... at this stage, people can't get enough, we can't do enough," TQM livestock manager, Steven Faulkner said.

TQM was introduced to Helen's lambs last year and while at first sight, Steven was sceptical of the product, the Mole Creek-produced lambs are now a key component of the company's weekly Queensland supply.

"Mark Webb at Webb and Woodiwiss brings a nice supply of lambs to us every week," Steven said.

"He's got a large client base and when the first consignment of (Wesley Dale lambs) turned up, myself and the other buyer were there that morning.

"We looked at each other, at these little lambs ... we didn't think they'd make the weight.

"Later we looked at the computer and they were two to three kilograms heavier than they looked.

"They're a very shapey, meaty little carcass and the weight comes with the width and the quality of the meat.

"They're a very consistent weight and shape, the weight range is 22 to 23 kilograms, three or four score fat, not overly fatty, just ideal fat scores."

He said while Cressy offered "lambs galore" within a 100-kilometre radius of the TWM operation, Cloven Hills and Wesley Dale "just fits with what we do here".

"Wesley Dale has only been with TQM about 12 months and Cloven Hills was a line we never investigated too much, but once we got to work killing the product ... it was just right the weights are right, everything's right," Steven said.

"That all comes back to the quality of the genetics, the bloodline, but also the on-farm management and selection.

"We're very happy with it because we've got a guaranteed product.

"The Queensland truck needs to be loaded by lunchtime, it needs chilled to the right temperature.

"If we have a line of lambs all over the place, we need to grade more down to the chiller ... Wesley Dale is always first on the list for the Queensland kill because we know the product is going to be right."



Tasmanian Quality Meats manager, Jake Oliver, with Cloven Hills-blood lambs destined for their premium brand.

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcass Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
1	1	210304	179	0.6	10.5	16.1	14.8	-9%	87%	2018	5.5	0.29	0.42	0.4	133%	1
2	1	210308	180	0.7	11.2	15.5	14.6	-6%	69%	2019	5.2	0.33	0.56	-0.1	133%	1
3	1	210186	180	0.5	10.7	17.4	21.0	17%	88%	2017	6.2	0.33	0.54	1.1	200%	2
4	2	210769	175	0.7	10.7	16.8	19.4	14%	85%	2018	5.8	0.32	0.52	0.3	150%	2
5	2	210454	188	0.6	8.6	14.6	11.0	-32%	104%	2019	7.4	0.36	0.61	-1.2	100%	2
6	2	212028	186	0.6	9.0	14.3	8.9	-60%	94%	2017	5.5	0.26	0.61	2.0	200%	2
7	3	210119	184	0.5	10.3	16.1	13.7	-18%	125%	2018	7.3	0.37	0.55	-0.1	200%	3
8	3	212658	178	0.8	9.0	14.3	9.5	-51%	86%	2017	3.9	0.29	0.55	0.4	167%	2
9	3	212308	175	0.7	10.8	16.2	14.1	-15%	80%	2019	5.6	0.22	0.56	0.8	150%	2
10	4	213498	187	0.3	9.0	13.3	9.4	-43%	93%	2020	4.9	0.30	0.66	0.1	100%	2
11	4	213131	186	0.8	8.3	13.9	8.4	-65%	108%	2019	5.3	0.31	0.62	-0.4	167%	1
12	4	211731	185	0.7	9.6	14.4	10.0	-44%	72%	2019	6.5	0.33	0.63	-0.4	100%	1
13	5	210259	185	0.6	9.4	13.5	9.6	-41%	79%	2018	6.6	0.40	0.64	0.1	125%	2
14	5	211244	189	0.8	10.8	16.8	10.0	-68%	61%	2018	5.4	0.28	0.56	0.0	133%	2
15	5	213510	187	0.1	8.4	13.8	9.8	-41%	86%	2020	6.0	0.29	0.54	0.9	100%	2
16	6	212260	183	0.9	12.8	18.0	12.5	-45%	98%	2019	6.3	0.14	0.35	1.5	100%	2
17	6	213019	185	0.7	10.4	14.9	8.3	-80%	92%	2019	5.2	0.26	0.53	0.6	167%	2
18	6	210057	193	0.6	9.8	14.9	8.6	-74%	57%	2019	7.1	0.38	0.68	-0.7	100%	2
19	7	210102	184	0.7	12.0	18.4	18.4	0%	119%	2018	6.3	0.29	0.49	1.6	300%	3
20	7	211423	181	0.7	9.9	15.4	13.4	-15%	74%	2019	5.5	0.33	0.5	-0.4	133%	2
21	7	211541	181	0.8	10.2	15.0	8.9	-68%	103%	2018	5.5	0.22	0.38	0.1	200%	2
22	8	210096	186	0.5	10.1	15.4	12.1	-28%	92%	2019	7.2	0.36	0.6	-0.6	100%	2
23	8	212420	184	0.6	8.9	14.1	9.6	-46%	101%	2018	5.8	0.30	0.53	-0.2	150%	2
24	8	211149	182	0.8	10.3	15.1	11.2	-35%	77%	2015	5.4	0.22	0.51	2.1	160%	3
25	9	210364	180	0.5	10.9	16.5	13.5	-22%	115%	2018	5.6	0.21	0.43	-0.2	133%	2
26	9	211542	183	0.5	7.9	12.4	4.0	-211%	103%	2018	4.7	0.26	0.39	-0.1	200%	2
27	9	210154	190	0.8	11.7	17.3	17.0	-2%	69%	2018	6.2	0.40	0.64	-0.4	200%	3

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intra-muscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
1	1	CO-192507	-0.7	2.2	6.2	3.0	-0.8	3.8	Black	Mixed	-51	4	3.2	29.2	2.2	-4		
2	1	CO-192507	-1.1	2.3	6.9	2.4	-1.1	5.1	Striped	Pink	-36	5	3.0	30.6	3.6	-4		
3	1	CO-192507	-1.4	2.4	6.2	3.0	-0.8	3.0	Striped	Mixed	-62	5	3.5	24.1	-2.9	8		
4	2	CO-192507	-0.9	1.9	5.7	2.5	-0.6	2.9	Black	Mixed	-64	5	3.3	28.5	1.5	5		
5	2	CH-170188	0.5	2.8	3.8	2.8	-0.6	1.5	Black	Black	-21	1	3.8	31.5	4.5	14		
6	2	CH-202520	0.4	2.2	4.9	2.6	-0.4	3.6	Black	Black	-26	2	3.5	28.3	1.3	8	2	1
7	3	CH-170188	0.0	2.0	4.8	2.6	-0.7	3.8	Black	Black	7	2	3.5	27.6	0.6	7		
8	3	CH-201787	-1.2	1.4	6.4	2.3	-1.1	5.4	Black	Black	-2	3	3.7	25	-2	13		
9	3	CH-202707	-0.2	1.3	5.1	2.5	-0.6	4.8	Black	Black	-45	5	3.2	29.2	2.2	5	2	
10	4	CH-191527	0.4	3.3	6.0	2.9	-0.9	2.6	Black	Mixed	-39	3	3.7	27.8	0.8	-10	2	1
11	4	CH-201926	-0.3	2.3	5.6	2.6	-1.0	4.5	Black	Mixed	-23	3	4.0	33.3	6.3	17		
12	4	CH-180191	-1.0	1.8	5.3	2.1	-0.8	3.3	Black	Mixed	-41	3	3.5	26.8	-0.2	17		
13	5	CH-170188	0.0	1.8	4.6	1.9	-0.7	4.0	Black	Mixed	-12	2	3.5	31.5	4.5	2		
14	5	CH-191280	-0.3	1.6	6.3	3.5	-0.6	1.4	Black	Black	-51	5	3.5	30.8	3.8	2	2	
15	5	CH-201897	1.4	3.6	4.8	3.6	-0.4	1.6	Black	Mixed	-43	1	3.3	29.7	2.7	-19	2	
16	6	CH-191418	-0.6	2.0	7.2	2.6	-1.1	6.3	Black	Mixed	-32	4	3.2	27.6	0.6	8	2	
17	6	CH-201915	-0.8	1.7	6.9	2.0	-0.9	6.6	Black	Mixed	-43	4	3.3	25.7	-1.3	3		
18	6	CH-170188	-0.1	2.1	5.2	2.4	-0.7	3.4	Black	Mixed	-24	4	3.5	26.8	-0.2	3		
19	7	CO-192507	-1.3	2.0	7.2	3.2	-1.0	6.0	Striped	Mixed	-47	3	3.7	30.1	3.1	0	2	
20	7	CO-192507	-1.0	2.4	6.3	2.6	-0.9	3.6	Striped	Mixed	-33	1	3.2	23.3	-3.7	-3		
21	7	CH-200718	-0.9	2.3	6.1	2.8	-0.7	2.9	Striped	Mixed	-20	3	3.5	28.5	1.5	8	2	1
22	8	CH-170188	0.4	2.8	5.2	3.0	-0.8	3.2	Striped	Mixed	4	1	3.2	22.4	-4.6	-10		
23	8	CH-180191	-0.6	2.3	5.1	2.9	-0.7	1.2	Striped	Mixed	-40	3	4.5	29.9	2.9	19	2	2
24	8	CH-201479	-0.6	1.7	5.7	2.1	-0.6	2.6	Striped	Mixed	-57	5	4.0	25.7	-1.3	8	2	1
25	9	CH-182445	-0.4	2.6	7.1	3.2	-1.0	5.0	Striped	Pink	-65	5	4.3	25	-2	-1		
26	9	CH-200718	-0.5	2.4	5.1	2.7	-0.6	1.9	Striped	Mixed	-25	2	3.5	26.2	-0.8	15	2	1
27	9	CO-192507	-1.0	2.4	6.5	2.8	-0.8	3.9	Striped	Mixed	-45	4	3.0	32.8	5.8	17	2	

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LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
28	10	212728	196	0.7	10.6	18.4	14.1	-30%	51%	2018	6.9	0.38	0.61	1.4	125%	2
29	10	213443	189	0.3	9.7	16.9	14.8	-14%	86%	2020	6.8	0.31	0.52	0.6	100%	2
30	10	212419	188	0.8	9.9	14.6	7.5	-94%	101%	2018	5.9	0.31	0.57	-0.3	150%	2
31	11	210199	186	0.6	10.2	15.3	12.0	-28%	92%	2017	5.9	0.35	0.59	-0.3	175%	2
32	11	213480	194	0.7	10.3	15.1	10.5	-45%	103%	2020	5.7	0.34	0.67	1.2	100%	2
33	11	213580	193	0.7	13.9	19.7	16.0	-23%	80%	2020	7.2	0.27	0.64	1.4	150%	3
34	12	213609	187	0.7	12.9	17.2	12.9	-33%	54%	2020	6.7	0.32	0.58	1.0	100%	1
35	12	210362	187	0.5	8.3	13.3	8.7	-53%	105%	2019	6.2	0.36	0.6	0.2	100%	2
36	12	210565	192	0.9	11.5	17.4	14.8	-18%	100%	2019	6.0	0.36	0.58	0.2	100%	2
37	13	212236	181	0.5	10.6	15.3	12.4	-23%	75%	2018	6.0	0.32	0.57	0.9	200%	2
38	13	213684	188	0.8	10.6	14.7	10.4	-41%	69%	2020	5.1	0.32	0.64	0.0	100%	2
39	13	212604	185	0.6	8.3	14.8	10.2	-45%	76%	2019	6.7	0.31	0.49	-0.7	133%	2
40	14	213442	182	0.3	9.6	16.6	14.9	-12%	86%	2020	6.7	0.27	0.47	0.2	100%	2
41	14	210128	188	0.4	8.0	12.1	5.6	-114%	114%	2019	5.8	0.37	0.6	-0.4	100%	2
42	14	212780	183	0.6	6.8	12.4	5.4	-130%	87%	2019	4.2	0.31	0.56	-0.6	200%	2
43	15	210340	196	0.8	11.5	17.2	14.7	-17%	98%	2019	6.7	0.39	0.66	-0.6	167%	2
44	15	210285	188	0.2	7.8	13.4	10.4	-29%	165%	2019	5.8	0.35	0.77	-0.1	300%	3
45	15	213639	182	0.3	9.7	14.2	10.3	-37%	144%	2020	6.4	0.35	0.56	-0.6	300%	3
46	16	213191	191	0.8	11.2	15.9	9.2	-73%	93%	2019	5.0	0.27	0.55	1.1	133%	2
47	16	210927	194	0.7	8.4	12.4	3.6	-241%	94%	2018	5.4	0.37	0.57	0.7	150%	3
48	16	213527	183	0.5	9.7	15.1	14.2	-6%	105%	2020	5.0	0.33	0.53	0.2	300%	3
49	17	210350	186	0.6	10.1	15.3	11.8	-31%	100%	2018	6.3	0.33	0.58	0.3	100%	2
50	17	213473	186	0.6	11.4	15.9	13.5	-18%	104%	2020	5.8	0.26	0.51	0.8	100%	2
51	17	213552	190	0.5	10.2	17.1	13.9	-23%	81%	2020	5.6	0.32	0.59	0.9	200%	2
52	18	212742	185	0.5	8.1	13.3	10.8	-24%	116%	2016	5.1	0.32	0.51	0.5	200%	3
53	18	210349	186	0.5	9.6	15.1	10.8	-39%	100%	2018	6.4	0.33	0.58	0.3	100%	2
54	18	210212	182	0.2	8.2	14.6	11.4	-28%		2018	7.6	0.32	0.58	0.1		2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intra-muscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
28	10	CH-201479	-1.1	1.8	6.7	2.8	-0.9	2.0	Black	Mixed	-18	2	3.3	25.4	-1.6	3	2	1
29	10	CH-201897	0.7	3.3	5.7	3.9	-0.8	0.8	Striped	Mixed	-42	1	3.0	23	-4	-11	2	1
30	10	CH-180191	-1.1	1.6	5.9	2.4	-0.8	3.4	Striped	Mixed	-48	5	4.0	27	0	14	2	2
31	11	CH-170188	-0.1	2.2	5.3	2.7	-0.6	3.8	Striped	Mixed	-22	3	3.5	26.8	-0.2	9		
32	11	CH-202722	0.4	2.4	5.3	2.8	-0.9	3.1	Striped	Pink	-32	4	4.7	30.8	3.8	14	2	2
33	11	CH-202722	-0.8	1.6	7.5	2.9	-1.1	6.1	Striped	Mixed	-40	4	3.3	24	-3	0	2	1
34	12	CH-202127	-1.8	1.3	8.2	2.0	-1.3	8.3	Black	Mixed	-16	5	3.0	24.4	-2.6	0	2	
35	12	CH-170188	-0.3	2.2	4.7	2.5	-0.7	1.9	Striped	Mixed	-28	1	3.8	25.3	-1.7	16		
36	12	CO-192507	-1.4	2.0	6.6	2.6	-0.9	4.1	Striped	Pink	-46	5	3.5	26.4	-0.6	20	2	
37	13	CH-202520	-0.4	1.4	5.4	2.3	-0.5	4.3	Striped	Mixed	-23		3.8	30.7	3.7	5		
38	13	CH-191527	0.4	3.3	6.4	2.9	-1.2	3.8	Striped	Mixed	14	3	3.7	19.4	-7.6	-9	2	2
39	13	CH-180191	-0.6	2.7	5.3	3.1	-1.1	2.5	Striped	Mixed	-24	4	3.5	24.1	-2.9	21	2	2
40	14	CH-201897	0.7	3.2	5.8	3.8	-0.8	2.3	Striped	Pink	-48	1	3.2	22.1	-4.9	-22	2	1
41	14	CH-170188	0.0	2.4	4.9	2.4	-0.6	2.3	Striped	Mixed	-47	5	3.2	30.1	3.1	2		
42	14	CH-202246	0.7	2.5	4.3	3.0	-0.4	1.3	Striped	Mixed	-17	1	3.3	24.9	-2.1	8	2	
43	15	CO-192507	-0.3	3.0	6.3	2.9	-1.2	4.9	White	Pink	-48	5	3.5	30.8	3.8	6	2	1
44	15	CH-182445	0.9	3.0	5.1	3.2	-0.8	3.0	Striped	Mixed	-70	1	3.7	26.9	-0.1	-15	2	1
45	15	CH-202127	-0.5	1.9	5.6	2.5	-0.8	3.9	Striped	Pink	-28	3	3.3	20.5	-6.5	3	2	
46	16	CH-201479	-0.8	2.1	7.1	2.5	-0.9	4.1	Striped	Pink	-23	4	3.8	26.9	-0.1	9		
47	16	CH-201787	0.1	1.9	4.4	2.2	-0.8	3.1	Striped	Pink	-31	5	4.2	27	0	19	2	
48	16	CH-191527	-0.1	3.0	5.7	3.2	-0.8	1.2	White	Pink	-26	2	4.5	24.5	-2.5	3	2	1
49	17	CH-170188	-0.9	1.9	5.6	2.3	-0.8	3.6	White	Pink	-10	3	4.5	32.9	5.9	19		
50	17	CH-201897	-0.6	3.0	6.9	3.0	-1.0	4.1	White	Pink	-31	3	4.0	26.4	-0.6	5	2	2
51	17	CH-191373	-0.4	2.0	5.9	3.0	-0.8	4.9	White	Pink	-33	2	4.3	24	-3	11	2	
52	18	CH-202246	-0.1	3.2	5.0	3.4	-0.9	3.0	White	Pink	-37	1	3.8	29.1	2.1	11	2	
53	18	CH-170188	-0.8	2.0	5.6	2.3	-0.8	3.3	White	Dark	-13	2	3.7	29.3	2.3	16		
54	18	CH-170188	0.6	2.0	3.5	2.6	-0.4	1.8	White	Pink	-46	2	3.5	30.4	3.4	13		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
55	19	212165	183	0.4	8.7	15.0	10.8	-40%	79%	2017	6.0	0.28	0.47	0.3	150%	3
56	19	213526	182	0.4	10.6	15.1	14.1	-7%	105%	2020	5.6	0.32	0.57	1.1	300%	3
57	19	212680	176	0.6	8.7	13.3	5.9	-125%	76%	2015	5.1	0.21	0.28	-0.3	143%	1
58	20	210843	184	0.7	9.3	15.0	8.4	-78%	59%	2018	5.3	0.29	0.42	-0.9	133%	1
59	20	213440	187	0.9	14.2	20.6	17.7	-16%	67%	2020	8.3	0.26	0.53	1.1	150%	1
60	20	213122	177	0.8	9.5	16.3	15.3	-6%	73%	2019	6.3	0.25	0.54	1.0	100%	1
61	21	210381	177	0.6	11.5	16.6	16.8	1%	93%	2018	6.3	0.29	0.48	1.3	150%	2
62	21	212919	177	0.7	11.1	17.5	16.8	-4%	93%	2019	6.3	0.31	0.52	0.7	200%	2
63	21	211839	180	0.7	9.4	14.2	8.6	-65%	57%	2019	6.0	0.28	0.43	-0.4	100%	1
64	22	211844	176	0.9	10.1	14.5	12.7	-14%	99%	2019	5.0	0.28	0.64	2.6	100%	1
65	22	213801	176	0.5	10.7	15.4	15.1	-2%	104%	2018	0.0	0.32	0.55	0.0	167%	1
66	22	213136	174	0.5	9.3	13.0	9.4	-39%	112%	2017	3.8	0.28	0.54	-0.2	200%	2
67	23	212085	174	0.6	9.2	14.2	10.1	-41%	66%	2018	5.8	0.22	0.4	1.5	167%	2
68	23	213666	189	0.6	11.4	17.6	15.1	-16%	74%	2020	6.8	0.31	0.67	0.4	100%	2
69	23	210158	183	0.1	7.3	12.4	8.4	-49%	96%	2018	5.5	0.31	0.58	-0.5	175%	3
70	24	213855	176	0.8	11.5	16.2	13.8	-18%	131%	2018	5.7	0.28	0.45	0.6	200%	1
71	24	212778	175	0.3	8.4	13.0	11.1	-17%	96%	2019	5.4	0.38	0.49	-0.4	200%	2
72	24	211837	177	0.8	10.7	14.8	11.6	-28%	67%	2019	5.1	0.26	0.46	-1.0	100%	1
73	25	213123	175	0.7	8.4	13.5	10.1	-34%		2019	4.6	0.28	0.39	0.1	200%	1
74	25	212493	175	0.6	8.6	13.1	9.1	-43%	99%	2017	4.8	0.26	0.45	0.6	175%	3
75	25	212086	174	0.7	9.6	14.6	10.3	-41%	66%	2018	5.9	0.22	0.4	1.5	167%	2
76	26	213628	178	0.7	12.4	18.9	19.4	3%	81%	2020	7.3	0.26	0.49	0.1	200%	2
77	26	210052	175	0.4	10.1	15.9	16.0	1%	55%	2018	6.5	0.29	0.53	-0.8	125%	2
78	26	213676	191	0.6	10.7	18.0	14.8	-22%	58%	2020	7.0	0.31	0.61	0.1	100%	2
79	27	210866	178	0.7	8.8	13.6	8.4	-61%	101%	2018	4.4	0.28	0.52	-0.5	133%	2
80	27	210325	177	0.7	9.6	15.7	15.9	1%	75%	2019	5.8	0.32	0.54	-0.7	100%	2
81	27	211084	188	0.8	10.7	16.7	12.6	-33%	108%	2018	6.5	0.30	0.47	0.5	200%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intra-muscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
55	19	CH-202537	0.0	2.4	5.2	3.1	-0.8	3.8	White	Pink	-37	3	4.2	23.2	-3.8	6	2	1
56	19	CH-191527	0.2	2.5	5.5	2.8	-0.8	2.5	White	Pink	-17	2	4.0	25	-2	-4	2	1
57	19	CH-200718	-0.7	2.5	6.1	2.6	-0.7	3.2	Black	Mixed	-14	1	3.2	31.6	4.6	-2		
58	20	CH-200718	0.0	2.2	5.2	2.9	-0.8	4.2	Striped	Mixed	-15	3	3.5	28.2	1.2	17	2	1
59	20	CH-202127	-1.4	0.9	7.4	2.1	-1.0	6.4	Striped	Mixed	-41	3	3.3	29.7	2.7	9	2	
60	20	CH-201984	0.2	2.3	5.2	3.1	-0.9	4.4	Black	Black	-17	2	3.3	24.6	-2.4	-1		
61	21	CO-192507	-1.0	1.9	6.3	2.4	-0.7	4.7	Black	Dark	-42	1	3.7	30	3	-2		
62	21	CH-202127	-0.8	1.2	6.2	2.4	-0.8	4.6	Black	Black	-34	4	3.0	26.8	-0.2	-4		
63	21	CH-200718	-1.0	1.7	5.3	2.2	-0.8	3.4	Black	Mixed	-31	3	4.2	25.8	-1.2	20	2	
64	22	CH-201787	-0.8	1.1	5.4	2.0	-0.9	5.3	Black	Black	-10	3	3.8	29.8	2.8	10	2	
65	22	CH-191527	-0.4	2.3	5.9	2.8	-0.5	1.7	Black	Mixed	-14		3.2	28.1	1.1	-10	2	1
66	22	CH-191527	-0.1	2.4	5.9	2.5	-0.8	3.0	Black	Mixed	-1	3	3.5	21	-6	-1		
67	23	CH-202520	-0.3	1.6	4.9	2.1	-0.7	3.7	Black	Black	-11	1	3.3	24.3	-2.7	8		
68	23	CH-202127	-0.6	2.3	7.3	2.8	-1.1	5.6	Black	Mixed	-49	4	3.0	23	-4	-4	2	
69	23	CH-182445	0.2	3.1	5.4	3.1	-0.9	2.2	Black	Mixed	-61	1	3.2	25.3	-1.7	-9	2	1
70	24	CH-202127	-0.9	1.7	6.9	2.4	-1.0	5.9	Black	Black	-12	2	3.2	26.7	-0.3	-6	2	1
71	24	CH-181487	-0.4	1.9	5.3	2.2	-0.8	4.7	Black	Black	-19	2	3.8	21.8	-5.2	0	2	
72	24	CH-190123	-0.9	2.8	6.9	2.7	-1.0	3.3	Black	Black	16	2	3.5	25.9	-1.1	7		
73	25	CH-202537	-0.1	2.0	4.9	2.2	-0.7	4.2	Black	Mixed	-31	1	3.3	25.1	-1.9	9		
74	25	CH-202012	-0.1	1.8	5.1	2.6	-0.8	4.3	Black	Mixed	-48	2	3.7	28.1	1.1	0		
75	25	CH-202520	-0.6	1.4	5.3	2.1	-0.8	4.1	Black	Black	-18	4	3.5	23.4	-3.6	9		
76	26	CH-202574	-0.9	1.5	5.6	2.6	-0.7	5.3	Black	Mixed	-58	2	2.5	25	-2	10	2	1
77	26	CH-180887	-0.1	2.3	4.9	2.6	-0.3	2.4	Black	Black	-9	3	4.3	36.2	9.2	22		
78	26	CH-202127	-0.3	2.6	6.8	3.4	-1.1	3.8	Black	Black	-37	1	3.3	19.7	-7.3	-1	2	
79	27	CH-201787	-0.1	1.9	5.1	2.5	-0.7	3.4	Black	Mixed	-20	2	3.3	35.5	8.5	11		
80	27	CO-192507	-0.6	2.3	5.6	2.6	-0.9	3.5	Black	Pink	-53		3.5	21.3	-5.7	2		
81	27	CH-180191	-1.5	1.6	6.1	2.5	-0.8	2.7	Black	Black	-50	3	3.5	29.5	2.5	29		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
82	28	213868	180	0.5	8.3	14.4	12.2	-18%	68%	2019	5.2	0.33	0.55	-0.5	200%	1
83	28	213080	178	0.3	9.4	14.6	11.1	-31%	92%	2019	6.1	0.29	0.46	0.6	133%	2
84	28	213286	178	0.7	10.0	14.1	9.3	-52%	115%	2018	4.9	0.32	0.52	0.4	250%	3
85	29	212117	179	0.4	7.0	12.9	8.3	-55%	89%	2018	4.8	0.28	0.51	0.4	167%	3
86	29	213819	178	0.2	8.0	12.8	7.5	-70%			0.0	0.31	0.51	-0.6		1
87	29	213515	189	0.6	10.8	15.0	8.8	-72%	108%	2020	4.7	0.32	0.55	0.8	100%	2
88	30	213536	174	0.3	7.0	12.5	11.8	-7%	62%	2020	4.8	0.32	0.52	0.1	100%	2
89	30	210324	177	0.4	7.5	12.1	9.1	-34%	107%	2019	6.4	0.38	0.63	-1.0	200%	2
90	30	212946	177	0.7	8.7	12.9	9.0	-43%	98%	2017	4.8	0.31	0.54	0.7	175%	3
91	31	210621	178	1.0	11.7	17.3	13.7	-27%	109%	2017	6.5	0.20	0.39	1.0	233%	2
92	31	210587	181	0.7	10.2	15.0	11.8	-28%	87%	2017	5.7	0.28	0.51	0.3	133%	2
93	31	210334	177	0.7	10.3	16.2	15.7	-3%	64%	2018	4.8	0.27	0.52	1.0	100%	2
94	32	210290	174	0.6	11.9	17.4	13.9	-25%	91%	2018	5.1	0.13	0.37	1.5	150%	2
95	32	213392	180	0.8	10.4	16.1	14.8	-9%	116%	2020	6.4	0.25	0.49	0.8	100%	2
96	32	212583	174	0.7	10.0	15.7	13.1	-19%	107%	2019	5.9	0.24	0.46	0.6	133%	2
97	33	211544	181	0.6	9.7	14.4	10.8	-33%	82%	2015	4.7	0.30	0.59	1.8	140%	1
98	33	211142	181	0.5	10.0	16.9	16.4	-3%	107%	2018	7.1	0.30	0.53	0.5	200%	3
99	33	212600	177	0.5	9.1	14.6	9.5	-54%	76%	2016	6.1	0.17	0.41	0.8	150%	1
100	34	212338	173	0.7	10.3	16.6	14.8	-12%	98%	2016	6.0	0.20	0.31	0.8	200%	2
101	34	211345	177	0.8	10.2	15.0	12.5	-20%	72%	2018	6.4	0.33	0.6	0.4	125%	2
102	34	211509	179	0.7	9.1	13.0	10.1	-29%	133%	2018	4.2	0.30	0.6	1.6	200%	2
103	35	211376	172	0.5	10.8	14.9	13.8	-7%	83%	2016	4.8	0.27	0.55	0.6	150%	3
104	35	212075	178	0.7	10.1	13.5	10.7	-26%	117%	2018	5.4	0.31	0.65	0.9	200%	4
105	35	212603	178	0.8	10.6	17.9	17.2	-4%	76%	2019	7.3	0.28	0.46	-0.7	133%	2
106	36	212388	176	0.4	8.2	11.9	8.2	-45%	86%	2019	3.8	0.28	0.6	0.2	100%	1
107	36	211704	179	0.4	7.7	12.8	8.7	-47%	96%	2018	5.0	0.31	0.52	0.1	200%	2
108	36	210140	177	0.6	9.8	15.0	15.0	0%	56%	2018	5.2	0.30	0.54	0.3	200%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intra-muscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
82	28	CH-191280	-0.4	2.2	4.9	3.6	-0.5	-0.3	Black	Black	-38		3.5	29.4	2.4	9	2	
83	28	CH-181487	0.0	1.6	5.1	2.2	-0.7	6.4	Black	Black	-27	3	3.0	24.8	-2.2	4		
84	28	CH-202127	-1.0	1.4	6.4	1.9	-0.8	5.2	Black	Black	-2	4	3.5	24.3	-2.7	-1	2	
85	29	CH-191280	-0.1	2.6	4.6	3.6	-0.5	-0.8	Black	Black	-17	2	4.0	25	-2	11	2	
86	29	CH-200889	-0.4	2.4	6.2	3.2	-0.4	1.4	Black	Mixed	-35		2.5	19	-8	-23	2	1
87	29	CH-202722	-0.5	2.0	6.6	2.7	-0.8	4.2	Black	Mixed	-25	5	3.2	24.4	-2.6	-1	2	
88	30	CH-202574	-0.1	2.3	4.7	2.8	-0.6	2.3	Black	Black	-62	2	3.7	21.5	-5.5	-7	2	
89	30	CH-170188	0.7	2.2	3.2	2.3	-0.4	1.6	Black	Black	-3	1	3.3	26.1	-0.9	2		
90	30	CH-201984	-0.3	1.8	5.4	2.4	-0.8	5.4	Black	Dark	-26	1	3.5	23.2	-3.8	2	2	
91	31	CH-180191	-1.6	1.1	6.5	2.4	-1.0	4.4	White	Pink	-50	2	3.3	26.5	-0.5	12		
92	31	CH-180191	-1.0	1.9	5.9	2.3	-0.9	3.8	Striped	Mixed	-29	2	4.2	36.2	9.2	23		
93	31	CO-192507	-0.7	2.0	6.8	2.7	-0.9	5.2	White	Pink	-53	5	3.8	34.4	7.4	-7		
94	32	LP-152562	-0.7	1.4	7.1	2.2	-0.8	8.5	Striped	Pink	-50	2	3.3	31	4	1		
95	32	CH-201479	-0.1	2.5	5.4	2.7	-0.7	1.2	Striped	Mixed	-31	3	3.7	26.1	-0.9	8	2	1
96	32	CH-190333	-0.3	1.0	4.7	2.2	-0.5	3.5	Striped	Mixed	-59	5	3.8	32.3	5.3	14		
97	33	CH-202707	-0.7	1.4	6.2	2.4	-0.6	4.1	Striped	Mixed	-43	3	2.8	24.4	-2.6	-8	2	
98	33	CH-181487	-0.3	2.0	5.1	2.7	-0.8	3.3	Striped	Mixed	-43	3	3.8	25.5	-1.5	11		
99	33	CH-202520	0.1	2.6	5.4	2.8	-0.6	2.7	Striped	Mixed	-19	3	3.3	29	2	7		
100	34	CH-191418	-0.5	2.2	6.6	2.8	-1.0	4.8	Striped	Pink	-36	3	3.3	26.8	-0.2	-9		
101	34	CH-201787	-0.9	1.1	5.4	1.9	-0.8	5.1	Striped	Pink	-13	4	3.5	31.5	4.5	6	2	1
102	34	CH-201479	-0.9	1.7	5.5	1.7	-0.7	2.4	Striped	Mixed	-15		3.7	28.2	1.2	14		
103	35	CH-191527	-0.6	1.9	6.3	2.4	-0.7	3.5	Striped	Mixed	-2	4	3.2	22.1	-4.9	-4		
104	35	CH-201787	-1.1	1.4	5.6	1.6	-0.8	6.1	Striped	Pink	-22	2	3.3	29	2	13		
105	35	CH-180191	-0.9	2.0	5.6	2.8	-1.0	4.5	Striped	Mixed	-14	4	3.8	25	-2	24	2	1
106	36	CH-191527	0.7	2.8	5.1	2.8	-0.7	2.5	Striped	Mixed	-7	1	3.5	25.8	-1.2	-11		
107	36	CH-202012	-0.3	2.2	5.3	2.8	-0.9	4.6	Striped	Pink	-23	4	4.0	26.6	-0.4	9		
108	36	CO-192507	-0.9	2.2	5.8	2.5	-0.8	3.4	Striped	Pink	-59	1	3.8	25.3	-1.7	4		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
109	37	212164	178	0.7	9.2	15.2	11.0	-38%	79%	2017	5.3	0.29	0.48	-0.3	150%	3
110	37	212743	177	0.5	7.2	12.8	12.0	-7%	116%	2016	5.1	0.32	0.52	0.5	200%	3
111	37	211959	175	0.7	9.8	14.2	9.6	-48%	67%	2015	4.8	0.23	0.39	0.1	140%	2
112	38	212475	175	0.7	8.7	14.1	9.9	-43%	104%	2017	4.3	0.21	0.38	0.9	200%	2
113	38	210115	179	0.5	9.6	15.3	14.2	-8%	107%	2019	5.8	0.30	0.47	-0.4	133%	2
114	38	211852	176	0.7	10.9	13.3	8.7	-52%	129%	2018	5.2	0.31	0.46	0.5	167%	3
115	39	213528	176	0.6	10.5	14.4	13.0	-11%	105%	2020	4.8	0.31	0.5	0.5	300%	3
116	39	210040	177	0.3	8.0	12.9	10.4	-24%	102%	2019	5.4	0.32	0.66	-1.6	250%	3
117	39	210175	173	0.3	9.0	14.8	15.5	5%	121%	2019	6.0	0.29	0.54	-2.2	200%	3
118	40	213469	181	0.7	10.1	16.5	13.4	-23%	81%	2020	6.3	0.27	0.53	1.0	100%	2
119	40	213867	175	0.5	10.1	15.0	14.2	-5%	100%	2018	5.8	0.29	0.45	-0.4	233%	1
120	40	213538	176	0.2	7.3	10.5	7.4	-42%	106%	2020	4.2	0.41	0.6	0.0	100%	2
121	41	212116	189	0.6	9.5	15.5	10.6	-46%	137%	2018	5.9	0.33	0.55	-0.6	167%	3
122	41	213071	173	0.8	11.0	18.6	17.6	-6%	59%	2018	6.5	0.23	0.47	-0.2	233%	3
123	41	211611	176	0.5	8.6	13.4	6.8	-98%	78%	2017	4.5	0.23	0.39	0.0	200%	3
124	42	212858	180	0.7	9.1	13.4	9.6	-40%	109%	2019	5.6	0.33	0.48	-0.2	250%	3
125	42	212436	174	0.7	9.3	13.5	10.0	-35%	87%	2018	5.4	0.28	0.53	1.1	200%	2
126	42	212259	178	0.7	10.2	14.4	8.1	-78%	98%	2019	5.4	0.17	0.35	1.4	100%	2
127	43	212797	177	0.6	7.7	13.4	8.6	-56%	46%	2019	6.1	0.27	0.47	0.2	100%	2
128	43	213027	181	0.3	8.6	13.0	8.0	-63%	94%	2020	4.7	0.30	0.51	-0.1	100%	2
129	43	213594	178	0.5	9.6	13.6	11.3	-20%	44%	2020	4.6	0.24	0.44	0.6	100%	2
130	44	213647	176	0.3	8.5	13.3	9.9	-35%	86%	2020	5.2	0.28	0.47	0.1	200%	2
131	44	212227	175	0.5	6.9	10.7	4.8	-120%	133%	2018	3.4	0.25	0.42	0.5	200%	2
132	44	213466	177	0.7	9.7	15.8	13.4	-18%	96%	2020	6.6	0.24	0.51	0.9	200%	2
133	45	211945	178	0.7	10.1	16.7	13.6	-23%	86%	2018	6.7	0.23	0.49	0.6	150%	2
134	45	210138	178	0.6	9.2	14.5	13.2	-10%	78%	2018	4.8	0.30	0.52	0.2	150%	2
135	45	211773	176	0.8	10.9	16.1	13.9	-15%	100%	2016	6.3	0.24	0.48	0.6	175%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intramuscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
109	37	CH-202537	-0.7	1.5	5.6	2.4	-0.7	5.0	Striped	Mixed	-20	3	3.8	22.5	-4.5	13	2	
110	37	CH-202246	0.4	2.8	4.1	3.2	-0.7	2.7	Striped	Mixed	-37	1	3.3	22.2	-4.8	-1		
111	37	CH-202520	-0.6	1.7	5.7	2.2	-0.8	4.9	Striped	Black	-36		4.0			20		
112	38	CH-202537	-1.0	1.9	6.2	2.4	-0.9	4.6	Striped	Mixed	-40	2	3.7	24.5	-2.5	15		
113	38	CO-192507	0.0	2.5	5.1	2.9	-0.6	2.3	Striped	Mixed	-57	2	3.2	27.9	0.9	5		
114	38	CH-200718	-1.9	1.1	6.2	1.4	-0.9	5.0	Striped	Mixed	-11	1	4.3	26.8	-0.2	15		
115	39	CH-191527	-0.3	2.3	5.7	2.6	-0.9	3.2	Striped	Mixed	-11	2	3.8	25.5	-1.5	-5	2	1
116	39	CH-182445	0.5	2.4	4.9	2.6	-0.7	3.2	Striped	Mixed	-66	2	3.7	28.3	1.3	0	2	
117	39	CH-182445	0.2	3.0	5.3	3.0	-0.8	3.2	Striped	Mixed	-59	4	3.3	22.2	-4.8	-1		
118	40	CH-201479	-0.7	1.9	5.8	2.5	-0.8	1.5	Striped	Mixed	4	3	3.0	21.8	-5.2	16	2	1
119	40	CH-191280	-0.4	2.3	5.0	3.4	-0.5	1.9	Striped	Mixed	-27		3.8	29.5	2.5	6	2	
120	40	CH-202574	0.3	1.4	3.7	2.1	-0.2	3.6	Striped	Mixed	-49	3	3.5	26.8	-0.2	0	2	
121	41	CH-191280	0.3	2.9	5.2	4.0	-0.5	0.1	Striped	Mixed	-28	4	3.7	26.6	-0.4	0	2	
122	41	CH-190333	-0.8	1.1	5.7	2.6	-0.8	3.2	Striped	Mixed	-53	3	3.2	22.6	-4.4	4		
123	41	CH-202574	-0.8	1.6	6.1	2.5	-0.5	3.1	Striped	Mixed	-49	1	3.2	24	-3	4		
124	42	CH-191418	0.1	2.2	4.9	2.2	-0.8	3.4	Striped	Mixed	-19	3	3.7	28.3	1.3	7		
125	42	CH-202520	-0.5	1.4	5.3	1.8	-0.7	3.3	Striped	Mixed	-9	2	3.2	27.6	0.6	4		
126	42	CH-191418	-0.6	2.0	6.1	2.2	-1.0	4.7	Striped	Mixed	-41	2	3.5	29.3	2.3	8	2	1
127	43	CH-202537	0.2	2.2	4.7	2.5	-0.8	3.2	Striped	Mixed	-11	2	3.2	17.9	-9.1	2	2	1
128	43	CH-202722	0.0	2.4	5.6	2.7	-0.9	3.4	Striped	Mixed	-38	4	4.0	25.6	-1.4	6	2	1
129	43	CH-201897	0.1	3.2	6.0	3.0	-0.9	2.9	Striped	Mixed	-31	1	3.2	27.7	0.7	-8	2	2
130	44	CH-202574	-0.4	2.1	5.5	2.5	-0.7	4.0	Striped	Mixed	-55		3.3			3		
131	44	CH-191280	0.2	2.5	4.7	3.1	-0.5	1.5	Striped	Mixed	-38	3	3.7	25.9	-1.1	-1		
132	44	CH-201479	-0.4	1.8	4.7	2.5	-0.5	-0.2	White	Pink	-28	4	3.7	27.1	0.1	13	2	
133	45	CH-202012	-0.3	1.5	5.2	2.6	-0.8	4.9	White	Pink	-33	2	3.2	28.1	1.1	14	2	
134	45	CO-192507	-0.3	2.6	5.9	2.8	-0.8	5.1	White	Pink	-49	1	3.2	28.8	1.8	-2		
135	45	CH-180191	-1.6	1.3	6.2	1.9	-0.8	4.4	White	Pink	-26		3.5	32.2	5.2	27		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
136	46	211132	175	0.9	10.9	15.7	13.5	-16%	103%	2019	5.2	0.25	0.39	0.4	100%	2
137	46	213110	177	1.0	12.2	18.2	17.7	-3%	143%	2019	7.4	0.29	0.49	0.7	300%	3
138	46	210995	175	0.6	8.2	13.3	10.7	-24%	63%	2017	4.9	0.29	0.48	0.5	233%	2
139	47	210358	181	0.7	10.6	16.1	15.9	-1%	88%	2019	5.9	0.34	0.51	0.4	100%	2
140	47	211652	175	0.7	12.3	18.5	19.6	5%	111%	2018	6.8	0.26	0.48	0.1	250%	3
141	47	211710	179	0.7	10.1	16.1	14.6	-11%	89%	2016	5.7	0.28	0.5	0.8	175%	2
142	48	210330	180	0.6	9.7	14.8	14.9	0%	95%	2018	5.2	0.37	0.57	0.3	175%	2
143	48	211212	176	0.7	9.0	14.0	11.6	-20%	93%	2018	5.3	0.27	0.49	0.9	150%	2
144	48	212409	173	0.6	10.5	15.0	12.6	-19%	95%	2017	5.9	0.21	0.35	0.3	133%	2
145	49	210326	176	0.7	9.6	14.9	14.0	-7%	75%	2019	5.4	0.32	0.54	-0.7	100%	2
146	49	212697	179	0.5	8.4	12.8	7.4	-72%	74%	2017	4.5	0.27	0.39	-0.3	175%	3
147	49	210016	179	0.5	9.9	15.3	16.2	6%	118%	2018	5.2	0.33	0.55	0.0	200%	2
148	50	213529	181	0.2	8.1	13.0	11.8	-10%	53%	2020	5.2	0.33	0.57	-0.3	100%	1
149	50	212330	177	0.5	9.6	15.6	15.0	-4%	49%	2019	6.0	0.25	0.36	0.6	166%	1
150	50	213395	181	0.6	10.4	15.6	14.8	-5%	110%	2020	5.7	0.30	0.55	0.6	100%	2
151	51	213512	184	0.5	9.5	13.8	10.5	-32%	58%	2020	5.3	0.27	0.5	0.6	150%	1
152	51	213640	178	0.6	12.1	18.0	15.4	-17%	144%	2020	7.5	0.27	0.53	-0.3	300%	3
153	51	212741	181	0.5	7.0	11.7	7.9	-48%	116%	2016	4.0	0.33	0.52	0.5	200%	3
154	52	213509	179	0.2	6.5	10.6	5.5	-92%	86%	2020	4.2	0.33	0.54	-0.5	100%	2
155	52	210929	178	0.9	7.7	12.4	7.1	-74%	94%	2018	5.0	0.35	0.55	-0.4	150%	3
156	52	210483	176	0.3	10.3	16.0	15.2	-5%	110%	2019	6.7	0.18	0.58	1.5	133%	2
157	53	210103	178	0.9	12.3	19.0	21.1	10%	106%	2018	6.8	0.30	0.51	1.5	150%	3
158	53	212740	170	0.8	11.9	16.7	16.2	-3%	64%	2018	5.4	0.21	0.45	0.8	150%	2
159	53	212564	171	0.7	10.6	17.0	14.1	-21%	102%	2019	6.4	0.28	0.53	-0.5	200%	2
160	54	211899	173	0.6	9.9	14.5	13.1	-11%	108%	2018	5.3	0.28	0.52	0.4	167%	2
161	54	210203	174	0.5	11.4	18.0	16.4	-10%	121%	2019	5.8	0.16	0.33	1.2	133%	2
162	54	211563	169	0.6	8.8	14.8	12.6	-17%	64%	2018	5.7	0.34	0.46	0.1	133%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intra-muscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
136	46	CH-201926	-0.9	1.7	6.3	2.4	-1.1	6.1	White	Pink	-18	3	4.2	30.7	3.7	17	2	
137	46	CH-180191	-1.7	0.6	5.7	1.9	-0.8	4.5	White	Pink	-32	5	3.5	29.7	2.7	24		
138	46	CH-202246	0.1	2.0	4.5	2.6	-0.6	3.0	White	Pink	-26	2	3.3	24.5	-2.5	12		
139	47	CO-192507	-1.0	2.3	6.5	2.7	-1.0	4.4	White	Pink	-46	3	3.2	30.6	3.6	-8		
140	47	CH-181487	-1.1	1.3	6.2	2.2	-1.0	7.3	White	Pink	-44		3.2	25.1	-1.9	18		
141	47	CH-201479	-0.7	1.9	5.8	2.5	-0.7	2.2	White	Pink	-23	3	3.7	23.9	-3.1	9		
142	48	CO-192507	-0.8	2.1	5.8	2.6	-0.7	2.9	White	Pink	-62		3.8	30.4	3.4	-3		
143	48	CH-191280	0.1	2.0	4.2	3.1	-0.4	0.7	White	Mixed	-40		4.2	26.7	-0.3	4		
144	48	CH-191418	-0.6	2.1	6.4	2.5	-1.2	5.4	White	Pink	-60	2	3.2	30	3	-4		
145	49	CO-192507	-0.8	2.0	5.8	2.3	-0.9	4.1	White	Pink	-55	5	3.3	27.3	0.3	0		
146	49	CH-202246	-0.1	2.9	5.8	3.3	-0.7	1.9	White	Pink	-7	2	3.7	22.9	-4.1	5	2	1
147	49	CO-192507	-1.0	2.6	6.4	2.9	-0.8	3.5	White	Pink	-55	2	3.5	32	5	5		
148	50	CH-191527	0.8	3.4	5.1	3.3	-0.8	1.5	White	Pink	-55	1	3.5	27.3	0.3	-8	2	1
149	50	CH-191418	0.4	2.9	5.2	3.3	-0.8	3.5	White	Pink	-43		3.7	29.3	2.3	8		
150	50	CH-202722	0.1	2.2	5.2	2.9	-0.7	3.9	White	Pink	-59	4	3.3	25.9	-1.1	1	2	1
151	51	CH-201897	-0.2	2.8	5.5	3.1	-0.7	2.2	White	Pink	-55		3.7	24.7	-2.3	9	2	1
152	51	CH-202127	-1.1	1.2	6.8	2.5	-1.0	5.7	White	Pink	-28	3	3.8	22.6	-4.4	-3	2	
153	51	CH-202246	0.1	2.6	4.6	2.9	-0.8	3.0	White	Pink	-31	3	3.8	25.5	-1.5	10		
154	52	CH-201897	0.6	2.8	4.7	2.8	-0.5	1.2	White	Pink	-44	1	3.7	27.5	0.5	-15	2	
155	52	CH-201787	-0.6	1.2	4.4	1.7	-0.8	3.0	White	Pink	-20	2	4.3	28.9	1.9	18	2	1
156	52	IN-190281	-0.4	2.1	5.5	2.4	-0.8	4.7			-58		3.3	27.9	0.9	2	2	
157	53	CO-192507	-1.8	1.3	7.0	2.2	-0.9	4.9	Black	Black	-40	1	4.2	29.6	2.6	7	2	
158	53	CH-201915	-0.9	1.2	6.3	2.0	-0.8	6.3	Black	Mixed	-40	3	3.2	27.4	0.4	5		
159	53	CH-202127	-0.9	1.2	6.7	2.3	-0.9	4.9	Black	Black	8	2	2.8	19.4	-7.6	-18	2	
160	54	CH-201479	-0.8	1.5	5.4	1.8	-0.7	2.9	Black	Mixed	-25	3	4.2	31.8	4.8	15	2	1
161	54	LP-152562	-0.7	2.1	7.2	3.0	-0.8	5.7	Black	Mixed	-48	3	3.8	27.4	0.4	-8		
162	54	CH-190157	-0.8	0.7	4.8	2.2	-0.5	3.2	Black	Black	-13	4	3.5	20.3	-6.7	-4		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
163	55	211192	172	0.6	9.1	14.1	11.8	-19%	76%	2017	4.8	0.20	0.41	0.7	100%	1
164	55	210390	170	0.5	9.2	14.6	12.5	-17%	119%	2016	5.5	0.24	0.54	1.3	200%	2
165	55	210924	168	0.7	9.3	13.8	11.1	-25%	78%	2015	4.1	0.21	0.47	0.8	117%	1
166	56	213373	171	0.6	11.3	17.5	16.6	-5%	91%	2019	6.6	0.19	0.36	0.8	100%	2
167	56	212948	170	0.8	9.4	16.8	16.6	-1%	52%	2014	5.8	0.20	0.35	0.7	157%	3
168	56	213317	174	0.4	9.1	14.4	13.3	-8%	78%	2017	5.2	0.30	0.41	0.3	200%	3
169	57	211151	172	0.4	9.1	14.6	12.8	-14%	73%	2016	5.5	0.22	0.41	0.4	100%	2
170	57	213144	169	0.6	10.1	17.0	18.6	8%	68%	2018	5.8	0.21	0.34	0.9	167%	2
171	57	211579	170	0.5	9.6	14.9	14.7	-2%	84%	2016	5.7	0.31	0.52	0.5	167%	3
172	58	212256	170	0.7	9.3	14.5	14.2	-2%	52%	2019	5.4	0.28	0.56	0.7	200%	2
173	58	210544	174	0.7	10.6	15.6	13.0	-20%	107%	2013	5.6	0.22	0.39	0.4	160%	2
174	58	213398	170	0.7	11.8	15.9	17.1	7%	79%	2020	5.4	0.25	0.54	0.0	200%	2
175	59	210120	181	0.6	9.5	14.2	11.1	-28%	125%	2018	6.5	0.37	0.55	-0.2	200%	3
176	59	213329	170	0.9	11.0	16.5	13.2	-25%	56%	2019	4.7	0.19	0.44	-0.9	100%	1
177	59	212365	171	0.8	10.6	14.9	14.0	-6%	54%	2015	4.9	0.27	0.47	0.5	229%	3
178	60	210897	171	0.5	7.9	13.1	8.9	-47%	63%	2019	5.4	0.26	0.43	-0.6	100%	1
179	60	212516	168	0.3	8.8	13.8	12.3	-12%	74%	2019	5.1	0.22	0.32	0.0	150%	3
180	60	212087	169	0.6	9.5	14.2	12.0	-19%	68%	2014	5.1	0.23	0.35	-0.5	200%	1
181	61	210441	172	0.5	9.9	15.0	11.2	-34%	79%	2017	5.6	0.12	0.49	1.0	125%	1
182	61	212450	172	0.5	9.4	14.6	14.5	-1%	88%	2019	6.4	0.26	0.45	1.2	200%	2
183	61	211315	174	0.4	8.4	12.5	9.1	-37%	58%	2018	5.0	0.26	0.52	-0.1	125%	2
184	62	212013	169	0.8	10.9	14.8	11.9	-25%	109%	2016	4.8	0.27	0.54	1.6	220%	3
185	62	210680	170	0.4	9.0	14.2	11.9	-19%	57%	2019	4.5	0.23	0.41	-1.1	100%	1
186	62	213839	173	0.6	11.2	15.1	13.5	-13%	123%	2019	5.2	0.33	0.35	0.6	100%	1
187	63	210638	174	0.5	8.7	12.1	8.9	-36%	117%	2017	4.0	0.28	0.62	-0.5	200%	2
188	63	212476	174	0.6	8.2	13.6	9.5	-43%	104%	2017	4.4	0.21	0.39	0.9	200%	2
189	63	213330	180	0.4	8.1	12.9	9.2	-40%	59%	2019	5.0	0.27	0.52	0.5	150%	1

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intramuscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
163	55	CH-201479	0.0	2.4	5.0	2.7	-0.6	1.2	Black	Mixed	-32	4	3.3	26.6	-0.4	4		
164	55	IN-190281	-0.7	1.1	5.0	1.6	-0.7	4.1	Black	Mixed	-37	1	4.2	30.6	3.6	0	2	
165	55	CH-202707	-0.2	1.5	4.9	2.3	-0.5	3.8	Black	Mixed	-23	3	3.3	25.6	-1.4	6		
166	56	CH-201490	-0.5	1.4	5.0	2.7	-0.3	3.2	Black	Black	-39	3	3.5	23	-4	13		
167	56	CH-202537	-1.0	1.6	5.5	2.5	-0.8	3.6	Black	Mixed	-43	2	3.3	21.6	-5.4	15		
168	56	CH-181487	-0.3	1.9	5.2	2.4	-0.8	5.7	Black	Mixed	-26	4	4.2	27	0	17		
169	57	CH-181487	-0.2	2.3	5.1	2.5	-0.8	4.8	Black	Mixed	-16	2	4.2	31.4	4.4	16		
170	57	CH-201490	-0.2	2.0	4.6	3.4	-0.3	0.8	Black	Black	-32	2	4.7	31.5	4.5	10		
171	57	CH-201939	-0.5	1.1	4.5	1.9	-0.5	3.1	Black	Black	-34	4	4.0	28.3	1.3	9		
172	58	CH-201479	-0.9	1.7	5.1	2.0	-0.5	0.9	Black	Black	9	3	3.5	21.1	-5.9	15	2	
173	58	CH-201490	-0.6	1.7	5.2	2.4	-0.5	2.4	Black	Mixed	-32		4.0	33	6	18		
174	58	CH-191527	-0.4	1.8	6.0	2.2	-0.8	4.3	Black	Black	-29	1	3.7	28.1	1.1	1	2	1
175	59	CH-170188	-0.2	1.9	4.9	2.2	-0.8	3.8	Black	Black	4	3	3.0	33.8	6.8	4		
176	59	CH-201980	-1.6	1.6	7.6	2.2	-1.2	6.3	Black	Black	-27	1	3.7	27.7	0.7	5		
177	59	CH-201479	-0.6	1.4	5.5	1.9	-0.7	3.9	Black	Mixed	-29	1	3.8	27.3	0.3	7		
178	60	CH-202246	0.2	2.3	4.8	2.7	-0.8	3.6	Black	Mixed	10	4	3.2	23.7	-3.3	6	2	
179	60	CH-201897	-0.2	2.7	5.7	2.8	-0.7	3.1	Black	Mixed	-23	1	3.3	23.9	-3.1	-10		
180	60	CH-191418	-0.2	1.9	5.5	2.4	-0.8	4.1	Black	Mixed	-56	3	3.7	27.8	0.8	3		
181	61	IN-190281	-0.4	2.5	5.8	2.9	-0.8	2.7	Black	Black	-30	3	3.5	31.9	4.9	0	2	1
182	61	CH-202012	-0.2	1.9	5.0	2.2	-0.9	5.3	Black	Black	-50	1	3.2	26.3	-0.7	-2	2	
183	61	CH-202023	-0.3	2.1	5.6	2.2	-0.7	4.2	Black	Mixed	-37	2	3.3	30.6	3.6	6	2	1
184	62	CH-202707	-1.1	0.1	5.7	1.3	-0.5	5.7	Black	Black	-12	2	3.0	31.6	4.6	-4		
185	62	CH-182445	-0.7	2.3	6.7	2.6	-1.0	5.6	Black	Black	-51	3	3.3	27	0	-1		
186	62	CH-200191	-1.5	1.6	7.6	1.9	-1.1	7.8	Black	Mixed	-14		3.0	23.9	-3.1	-20	2	
187	63	CH-191527	0.4	2.5	5.0	2.5	-0.7	2.4	Black	Mixed	-24	3	3.2	22	-5	-8		
188	63	CH-202537	-0.8	2.0	6.0	2.4	-0.8	4.4	Black	Mixed	-45	2	3.8	22.4	-4.6	9		
189	63	CH-191280	0.4	2.9	4.6	3.6	-0.5	1.3	Black	Black	-28	5	3.8	22.4	-4.6	-1		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
190	64	210524	171	0.6	7.6	11.8	7.8	-50%	138%	2017	4.2	0.28	0.48	-0.7	250%	2
191	64	213035	169	0.5	8.5	13.8	12.0	-15%			4.2	0.26	0.44	0.0		2
192	64	212152	168	0.5	7.1	12.5	8.1	-53%	119%	2013	5.0	0.24	0.43	-0.4	250%	2
193	65	212270	173	0.6	7.7	12.5	7.6	-65%	70%	2017	4.7	0.26	0.42	0.4	125%	3
194	65	212854	169	0.4	7.3	13.5	11.4	-18%	72%	2018	5.3	0.27	0.34	-0.3	300%	3
195	65	210021	191	0.6	8.2	13.3	6.4	-109%	69%	2019	6.2	0.37	0.63	-1.4	133%	2
196	66	213150	170	0.6	9.3	12.6	10.2	-24%	67%	2018	4.9	0.27	0.57	-0.2	150%	2
197	66	212468	170	0.4	8.0	11.6	8.9	-30%	61%	2017	3.9	0.27	0.44	0.2	167%	4
198	66	213117	172	0.6	9.6	13.9	11.6	-20%	74%	2018	4.8	0.29	0.59	0.1	125%	2
199	67	212162	173	0.6	7.4	11.2	6.8	-65%			4.2	0.33	0.43	-1.0		1
200	67	210674	170	0.5	8.3	13.4	7.6	-77%	73%	2018	5.7	0.18	0.32	0.0	133%	2
201	67	210583	170	0.7	8.4	13.3	9.6	-39%	105%	2018	4.8	0.27	0.45	-1.6	250%	3
202	68	210146	187	0.3	6.6	10.8	5.3	-104%	88%	2018	6.3	0.48	0.79	-1.2	200%	3
203	68	213226	169	0.5	7.9	11.2	8.5	-32%	111%	2018	5.0	0.34	0.5	-0.1	200%	3
204	68	211262	170	0.6	9.8	12.3	9.6	-28%	124%	2019	4.0	0.26	0.52	-0.3	200%	2
205	69	211232	180	0.7	11.0	17.1	15.7	-9%	73%	2012	6.4	0.24	0.44	1.6	100%	2
206	69	211479	167	0.4	9.1	15.2	16.8	9%	47%	2018	5.4	0.16	0.32	1.1	100%	2
207	69	210498	175	0.5	10.5	16.8	17.5	4%	89%	2019	5.8	0.28	0.48	-1.5	133%	2
208	70	210954	175	0.6	9.9	15.2	13.2	-16%	153%	2018	5.1	0.22	0.35	1.6	200%	2
209	70	212337	173	0.6	10.3	16.0	14.4	-12%	98%	2016	5.5	0.20	0.31	0.8	200%	2
210	70	212219	172	0.6	9.7	14.0	11.5	-22%	92%	2018	5.6	0.25	0.49	0.1	133%	2
211	71	212135	170	0.7	12.0	16.4	15.8	-4%	75%	2017	6.6	0.22	0.51	-0.1	125%	2
212	71	211096	171	0.6	9.4	15.5	13.2	-18%	117%	2016	5.5	0.24	0.4	1.2	175%	2
213	71	212971	170	0.5	8.6	14.3	11.9	-21%	94%	2014	5.5	0.28	0.48	0.6	150%	1
214	72	212949	171	0.8	8.8	15.4	12.9	-20%	52%	2014	4.8	0.22	0.35	0.7	157%	3
215	72	212262	171	0.8	8.9	13.9	11.1	-25%	81%	2018	4.8	0.25	0.46	-0.2	100%	2
216	72	210534	176	0.8	9.7	15.4	11.9	-29%	105%	2018	6.5	0.24	0.43	0.2	200%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intramuscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
190	64	CH-191280	-0.2	1.9	4.2	2.7	-0.6	1.1	Black	Black	-33	3	3.7	33.2	6.2	12		
191	64	CH-201915	-0.1	1.8	4.9	2.6	-0.5	2.5	Black	Mixed	-28	2	3.5	27.2	0.2	2	2	
192	64	CH-190333	-0.6	1.3	4.6	2.0	-0.5	1.9	Black	Mixed	-50	4	4.0	22.9	-4.1	7		
193	65	CH-201787	-0.3	1.8	5.0	2.6	-0.9	3.3	Black	Mixed	-24	3	3.2	20.6	-6.4	-2		
194	65	CH-191418	-0.5	2.3	5.4	2.7	-0.9	1.5	Black	Mixed	-26		3.5			1		
195	65	CH-170188	-0.4	2.8	5.5	2.6	-0.8	2.2	Black	Mixed	-9	2	3.3	22.9	-4.1	12		
196	66	CH-201915	-0.1	1.7	4.8	1.8	-0.7	5.2	Black	Black	-31	3	3.5	26.6	-0.4	-5		
197	66	CH-191280	-0.3	2.2	5.0	3.0	-0.5	2.4	Black	Black	-40	3	3.5	22.9	-4.1	2		
198	66	CH-201939	-0.7	1.7	5.1	1.8	-0.6	3.1	Black	Black	28	3	3.7	34.8	7.8	19		
199	67	CH-180191	-0.5	1.5	3.9	2.3	-0.2	0.8	Black	Mixed	-56		4.3	25.5	-1.5	19	2	1
200	67	CH-190773	-0.4	1.9	4.9	2.7	-0.6	2.6	Black	Black	-26	3	3.5	31.3	4.3	11		
201	67	CH-191280	-0.1	2.1	4.8	3.1	-0.5	1.1	Black	Black	-26	4	3.3	27	0	-3		
202	68	CH-170188	0.8	2.0	3.2	2.0	-0.4	1.3	Striped	Pink	1	2	3.7	24.9	-2.1	-4	2	
203	68	CH-201984	-0.2	1.9	4.9	2.1	-0.9	4.7	Striped	Mixed	2	2	3.0	20.8	-6.2	-9		
204	68	CH-191527	-0.8	2.3	6.7	2.1	-1.0	3.9	Black	Mixed	-24	3	3.5	25.5	-1.5	-11		
205	69	CH-202520	-0.1	2.1	5.7	2.9	-0.7	4.5	Striped	Mixed	-44	2	3.7	27.2	0.2	-1		
206	69	CH-201897	0.5	3.1	5.2	3.6	-0.6	1.8	Striped	Mixed	-55	3	3.5	27.4	0.4	-15	2	1
207	69	CH-182445	-0.6	2.6	6.4	3.0	-1.0	4.7	Striped	Mixed	-62	1	3.5	27.7	0.7	-2		
208	70	CH-191418	-0.4	2.2	6.1	2.8	-1.1	5.2	Striped	Mixed	-38	1	4.3	27.3	0.3	-1		
209	70	CH-191418	-0.7	2.3	6.5	2.7	-1.0	4.8	Striped	Mixed	-30	3	3.7	29.7	2.7	5		
210	70	CH-190333	-0.7	1.6	5.2	2.1	-0.6	3.8	Striped	Pink	-48	3	3.3	31.1	4.1	7		
211	71	CH-201790	-1.0	1.6	6.1	1.8	-0.8	3.8	Striped	Mixed	-19	1	2.8	24.4	-2.6	12		
212	71	CH-201490	-1.2	0.7	4.7	2.1	-0.2	1.7	Striped	Mixed	-41	2	4.0	31.4	4.4	29		
213	71	CH-190157	-0.5	0.8	4.2	2.2	-0.3	3.8	Striped	Mixed	-34	3	2.8	28.6	1.6	3		
214	72	CH-202537	-1.1	1.4	5.5	2.3	-0.8	3.5	Striped	Mixed	-45	4	3.8	22.2	-4.8	19		
215	72	CH-201926	-0.2	1.6	4.6	2.2	-0.7	3.2	Striped	Mixed	-7	2	3.7	34.2	7.2	24		
216	72	CH-180191	-1.4	1.5	5.6	2.4	-0.7	2.3	Striped	Mixed	-40	4	3.7	21.4	-5.6	19		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
217	73	211716	172	0.8	8.7	12.6	9.4	-34%	102%	2014	4.5	0.27	0.47	0.3	200%	2
218	73	210205	171	0.5	9.8	14.9	12.0	-24%	92%	2019	4.8	0.15	0.36	1.0	133%	2
219	73	212569	172	0.9	11.3	16.4	16.3	-1%	89%	2015	5.2	0.26	0.49	-0.4	200%	2
220	74	212281	173	0.7	10.0	15.7	13.9	-13%	118%	2011	4.7	0.26	0.47	1.3	230%	2
221	74	210049	170	0.4	9.0	14.9	12.3	-21%	75%	2019	6.9	0.17	0.56	0.7	133%	2
222	74	212196	170	0.7	8.6	13.7	9.1	-50%	80%	2018	5.2	0.29	0.48	-0.6	233%	2
223	75	211730	173	0.6	7.5	12.3	8.9	-39%	80%	2016	4.7	0.33	0.45	-0.2	167%	2
224	75	212157	168	0.6	9.4	14.1	12.0	-17%	84%	2015	5.6	0.22	0.43	1.0	200%	3
225	75	212003	169	0.6	8.9	14.9	13.4	-11%		2016	5.2	0.23	0.42	0.8	200%	3
226	76	210953	172	0.4	8.1	12.7	10.2	-24%	153%	2018	4.5	0.22	0.35	1.6	200%	2
227	76	210654	171	0.7	7.9	12.8	8.7	-47%	118%	2019	4.9	0.26	0.51	0.3	200%	2
228	76	213459	170	0.5	10.6	13.5	11.4	-18%	50%	2020	5.6	0.26	0.41	0.9	150%	1
229	77	212630	170	0.5	7.4	13.7	12.4	-10%	95%	2019	6.2	0.29	0.57	-1.1	200%	2
230	77	212220	170	0.5	7.5	11.6	8.3	-41%	92%	2018	4.6	0.25	0.49	0.1	133%	2
231	77	212806	172	0.6	7.3	12.2	8.0	-51%	67%	2017	4.6	0.28	0.49	-0.5	125%	1
232	78	211251	173	0.9	9.4	13.8	11.3	-22%	118%	2017	4.7	0.27	0.43	0.3	100%	2
233	78	212361	170	0.6	10.7	17.3	14.8	-17%	52%	2016	6.2	0.15	0.31	0.1	100%	2
234	78	210338	172	0.6	11.3	17.6	18.1	2%	89%	2019	5.9	0.14	0.35	1.7	150%	2
235	79	212457	173	0.6	7.8	12.9	8.1	-58%	56%	2015	4.7	0.24	0.41	0.0	140%	1
236	79	212241	169	0.7	11.2	17.1	20.9	18%	93%	2018	5.3	0.31	0.55	-0.2	200%	2
237	79	211095	169	0.5	9.6	15.1	13.9	-8%	117%	2016	5.5	0.24	0.4	1.2	175%	2
238	80	211221	168	0.7	9.5	15.2	12.0	-27%		2016	5.0	0.17	0.33	-0.2	175%	2
239	80	210623	178	0.8	10.1	14.7	10.1	-46%	82%	2014	5.5	0.27	0.4	-0.2	157%	2
240	80	211019	171	0.5	9.1	13.2	12.6	-5%	76%	2017	4.1	0.30	0.57	-0.7	200%	2
241	81	212398	172	0.7	10.2	14.0	10.8	-30%	85%	2018	4.7	0.24	0.36	0.0	100%	2
242	81	212939	172	0.7	8.7	13.3	9.5	-39%	103%	2019	4.8	0.27	0.44	-0.2	200%	2
243	81	211973	169	0.6	8.2	12.1	7.9	-52%	74%	2015	4.3	0.23	0.5	1.0	120%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intramuscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
217	73	CH-180191	-1.4	1.5	5.4	1.8	-0.9	3.4	Striped	Mixed	-21	4	3.5	26.3	-0.7	15		
218	73	LP-152562	0.4	2.0	5.3	2.2	-0.5	5.6	Striped	Mixed	-58	3	2.8	26.4	-0.6	0		
219	73	CH-201790	-1.1	1.5	6.1	1.9	-0.7	2.6	Striped	Mixed	-49	1	3.7	28.9	1.9	13		
220	74	CH-201490	-0.7	0.8	5.1	2.4	-0.5	4.2	Striped	Mixed	-30		4.5	34.8	7.8	19		
221	74	IN-190281	-0.3	1.9	5.1	1.9	-0.7	4.1	Striped	Mixed	-29	3	3.8	28.2	1.2	-6	2	
222	74	CH-201787	-0.6	1.3	5.2	1.9	-0.9	3.3	Striped	Mixed	8	1	3.7	27.7	0.7	8	2	1
223	75	CH-202246	-0.2	2.0	5.0	2.5	-0.7	2.9	Striped	Mixed	-9	2	3.3	23.6	-3.4	3		
224	75	CH-202012	-1.1	1.3	6.0	2.0	-0.9	5.7	Striped	Pink	-49	2	3.2	31.8	4.8	-3		
225	75	CH-201479	-0.9	1.9	5.7	2.3	-0.7	1.5	Striped	Mixed	7	2	3.3	21.3	-5.7	8		
226	76	CH-191418	0.0	2.5	5.4	2.7	-1.0	4.2	Striped	Mixed	-33	2	3.3	25.3	-1.7	-2		
227	76	CH-201926	-0.1	1.8	4.5	2.2	-0.7	3.0	Striped	Mixed	10	1	3.5	35.5	8.5	11	2	
228	76	CH-202722	-0.5	1.1	5.2	1.7	-0.8	6.0	Striped	Mixed	-61	1	4.0	27.3	0.3	1	2	
229	77	CH-190333	0.2	1.7	3.4	2.3	-0.4	1.6	Striped	Mixed	-54	4	3.3	21.2	-5.8	4		
230	77	CH-190333	-0.4	1.8	4.4	2.2	-0.5	1.8	Striped	Mixed	-52	4	4.2	24.2	-2.8	10		
231	77	CH-201926	0.1	1.9	4.2	2.4	-0.6	2.8	Striped	Mixed	-37	2	3.5			9		
232	78	CH-201479	-1.0	1.3	4.7	1.5	-0.7	1.4	White	Black	-32	2	4.3	26.4	-0.6	31		
233	78	CH-191418	-0.6	1.8	6.4	2.9	-1.1	4.2	White	Pink	-52	1	3.2	25.5	-1.5	-1		
234	78	LP-152562	0.2	2.3	5.8	2.6	-0.7	6.4	White	Pink	-60	2	3.7	25.2	-1.8	-2		
235	79	CH-202246	0.3	2.4	5.1	3.2	-0.6	2.6	White	Pink	-28	3	3.2	23.4	-3.6	-12		
236	79	CH-201790	-1.1	1.5	5.9	2.3	-0.8	4.0	White	Pink	-37	1	3.2	31.8	4.8	13		
237	79	CH-201490	-0.9	1.0	4.5	2.1	-0.2	2.1	White	Pink	-35	4	4.2	31	4	26		
238	80	CH-190333	-0.4	1.7	5.7	2.6	-0.7	4.0	White	Pink	-40	1	3.8	27.5	0.5	3		
239	80	CH-180191	-1.4	1.6	6.3	2.4	-1.0	4.1	White	Pink	-45	2	2.8	27.4	0.4	11		
240	80	CH-191527	0.1	2.4	5.2	2.6	-0.8	2.8	White	Pink	-17	1	3.5	24.7	-2.3	0		
241	81	CH-191418	-0.7	1.9	6.3	2.4	-1.1	5.5	White	Mixed	-44	2	3.0	29.2	2.2	-4		
242	81	CH-201926	-0.4	2.1	5.4	2.2	-0.9	4.2	White	Pink	-7	1	3.0	31	4	1		
243	81	CH-201787	-0.7	1.7	5.5	2.3	-0.8	3.7	White	Pink	-2	2	3.8	31.8	4.8	-2		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
244	82	213562	169	0.3	9.8	15.7	16.2	4%	87%	2020	6.1	0.25	0.39	-0.8	100%	2
245	82	211622	170	0.4	8.2	12.3	10.4	-19%	96%	2016	4.3	0.26	0.51	-0.7	167%	2
246	82	212190	170	0.7	8.8	14.4	12.1	-20%	81%	2017	5.6	0.26	0.54	-0.7	150%	3
247	83	211320	168	0.5	7.2	12.9	11.7	-10%	75%	2012	4.5	0.21	0.37	-0.1	150%	2
248	83	212815	173	0.6	8.2	14.2	12.2	-16%	62%	2018	6.1	0.31	0.56	-1.0	100%	2
249	83	212826	173	0.4	7.4	12.3	8.5	-44%	85%	2018	4.8	0.26	0.47	0.1	167%	1
250	84	212614	170	0.6	7.2	11.9	6.6	-80%	69%	2019	4.5	0.23	0.41	-1.2	100%	2
251	84	213620	172	0.1	6.4	9.0	6.5	-38%	110%	2020	3.5	0.31	0.6	-0.7	150%	2
252	84	213009	171	0.5	6.6	11.1	4.2	-164%	77%	2016	4.1	0.23	0.31	-0.1	180%	2
253	85	212749	165	0.5	9.6	15.7	15.4	-2%	76%	2018	6.1	0.23	0.33	0.3	200%	2
254	85	210005	167	0.5	11.6	17.5	17.3	-1%	59%	2018	6.2	0.13	0.4	0.3	100%	2
255	85	210017	164	0.5	9.9	15.5	13.8	-12%	86%	2017	5.3	0.15	0.47	1.9	150%	2
256	86	213157	162	0.8	11.8	15.5	14.8	-5%	97%	2014	4.8	0.15	0.41	1.3	140%	2
257	86	210408	164	0.6	10.7	16.2	15.7	-3%	90%	2019	6.4	0.10	0.42	1.3	100%	1
258	86	211511	162	0.8	9.5	11.5	7.9	-45%	97%	2014	3.9	0.24	0.24	0.6	183%	2
259	87	211715	168	0.9	8.8	12.5	9.8	-28%	102%	2014	4.3	0.27	0.47	0.3	200%	2
260	87	212590	166	0.4	8.9	14.3	13.2	-8%	55%	2019	6.1	0.23	0.41	1.0	133%	1
261	87	212928	161	0.5	9.0	14.1	13.4	-5%	82%	2017	5.9	0.21	0.42	0.0	167%	2
262	88	210452	164	0.3	9.9	14.4	12.8	-12%	88%	2014	4.9	0.19	0.5	0.7	140%	2
263	88	211883	165	0.7	9.4	14.7	14.0	-4%	90%	2016	4.7	0.19	0.29	1.5	167%	2
264	88	212334	162	0.6	10.3	14.3	16.7	14%	95%	2012	5.1	0.31	0.47	-0.2	250%	3
265	89	210437	164	0.4	10.1	15.6	13.9	-12%	68%	2019	5.6	0.10	0.31	0.4	100%	1
266	89	210348	161	0.4	9.0	14.8	12.8	-15%	109%	2019	6.4	0.13	0.43	1.1	100%	2
267	89	212048	166	0.7	10.3	14.3	12.9	-11%	85%	2015	4.8	0.30	0.44	0.3	240%	3
268	90	213064	164	0.7	10.2	15.4	10.8	-43%	74%	2018	5.6	0.08	0.24	0.1	150%	1
269	90	212472	167	0.6	10.2	14.9	12.7	-18%	58%	2015	5.1	0.21	0.29	0.4	117%	2
270	90	210289	168	0.6	11.1	15.9	12.6	-26%	91%	2018	4.5	0.13	0.37	1.5	150%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intra-muscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
244	82	CH-201897	-0.2	2.9	6.2	3.4	-1.0	3.3	White	Pink	-36	1	3.5	23.3	-3.7	-21	2	1
245	82	CH-191527	0.6	3.0	5.1	2.7	-0.7	2.1	White	Pink	-18	1	3.2	22.1	-4.9	-10		
246	82	CH-201787	-0.4	1.6	4.9	2.4	-0.8	3.6	White	Pink	-30	1	3.0	26.8	-0.2	0		
247	83	CH-201926	0.2	2.8	4.7	3.0	-0.6	1.3	White	Pink	-30	2	3.5	28.7	1.7	10		
248	83	CH-201926	0.0	1.8	4.6	2.4	-0.8	3.3	White	Pink	-19	1	3.3	27.6	0.6	10	2	
249	83	CH-201926	0.3	2.0	3.8	2.9	-0.3	0.5	White	Pink	-30	2	3.5	36.6	9.6	11	2	
250	84	CH-202246	0.2	2.6	5.1	2.8	-0.7	3.6	White	Pink	-22	2	3.2	22.3	-4.7	2		
251	84	CH-191527	0.6	3.6	4.6	3.1	-0.4	-0.3	White	Pink	-9	2	3.8	26.9	-0.1	-9	2	1
252	84	CH-200718	0.2	2.3	4.4	2.7	-0.5	1.4	White	Pink	-19	1	3.7	27.4	0.4	2		
253	85	CH-181487	-0.3	1.2	4.9	2.2	-0.7	4.1	Black	Mixed	-38	1	3.7	27.5	0.5	4	2	
254	85	IN-190281	-1.5	1.6	6.5	2.2	-0.9	5.1	Black	Pink	-51	3	4.5	37.7	10.7	12	2	
255	85	IN-190281	-1.2	0.8	5.8	1.4	-0.8	5.4	Black	Mixed	-39	2	3.0	34.1	7.1	-4	2	
256	86	CH-202707	-1.4	1.0	6.3	1.7	-0.8	6.2	Black	Mixed	-3	3	3.7	24.3	-2.7	13		
257	86	IN-190281	-1.1	1.9	6.1	1.9	-0.9	4.4	Black	Pink	-23		3.0			3		
258	86	CH-200718	-1.5	1.0	5.4	1.4	-0.8	4.5	Black	Black	-11	1	3.5	32.2	5.2	9		
259	87	CH-180191	-2.0	1.0	5.8	1.5	-0.9	3.8	Black	Black	-15	4	4.0	34.1	7.1	18		
260	87	CH-181487	-0.6	1.1	4.7	1.7	-0.7	5.3	Black	Black	-43	3	3.8	26.7	-0.3	12		
261	87	CH-201915	-0.2	1.4	4.7	2.0	-0.5	3.4	Black	Mixed	-32	1	3.5	22.6	-4.4	-2		
262	88	IN-190281	-1.3	0.8	5.2	1.3	-0.5	5.3	Black	Black	-39	2	3.7	33.1	6.1	18	2	
263	88	CH-202537	-1.3	1.1	5.5	1.9	-0.9	6.0	Black	Mixed	-49	3	3.7	26.6	-0.4	17		
264	88	CH-201790	-0.9	1.1	5.0	1.5	-0.7	3.9	Black	Black	-33	1	3.2	24	-3	8		
265	89	LP-152562	-0.3	2.0	5.7	2.4	-0.5	4.7	Black	Mixed	-38	3	3.5	31.5	4.5	2		
266	89	IN-190281	-1.2	1.3	5.6	1.6	-0.8	2.9	Black	Mixed	-23	4	3.5	32.7	5.7	1		
267	89	CH-201479	-1.2	0.7	5.5	1.4	-0.7	3.0	Black	Black	8	1	3.5	27.2	0.2	5		
268	90	CH-190773	-1.0	1.5	5.9	2.5	-0.8	3.9	Black	Black	-34	3	3.7	30	3	12	2	
269	90	CH-191418	-0.2	1.6	5.7	2.4	-0.9	5.1	Black	Black	-31	1	3.3	29.8	2.8	-5		
270	90	LP-152562	-0.8	1.0	6.6	1.7	-0.7	8.1	Black	Black	-42	1	3.5	30.8	3.8	3		

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LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
271	91	213132	161	0.5	8.7	13.2	14.1	7%	78%	2017	4.5	0.28	0.41	0.3	200%	2
272	91	210613	164	0.7	8.9	13.2	12.3	-8%	102%	2014	5.3	0.24	0.4	0.4	175%	2
273	91	211868	160	0.8	9.6	14.4	16.7	13%	97%	2015	5.0	0.22	0.42	0.5	200%	2
274	92	212579	166	0.7	8.9	13.5	11.1	-22%	64%	2015	4.1	0.22	0.4	-0.3	133%	2
275	92	213828	163	0.4	10.5	15.5	16.8	8%			5.7	0.31	0.43	-1.3		1
276	92	213195	161	0.6	9.6	14.3	14.7	3%	77%	2015	4.8	0.25	0.39	0.2	200%	3
277	93	210991	162	0.8	9.2	14.5	13.7	-5%	61%	2013	5.1	0.27	0.42	-0.4	160%	2
278	93	210545	170	0.5	10.0	14.7	13.9	-6%	72%	2014	4.8	0.25	0.53	-0.4	175%	2
279	93	211481	165	0.5	8.4	12.7	10.7	-19%	79%	2014	4.8	0.24	0.38	0.4	175%	2
280	94	212540	164	0.4	8.7	12.5	10.8	-15%	54%	2019	5.0	0.28	0.4	-0.1	100%	3
281	94	210780	164	0.6	10.5	14.1	13.5	-5%	80%	2016	5.4	0.26	0.52	1.0	220%	2
282	94	210887	168	0.4	9.4	13.9	11.8	-18%	61%	2018	5.4	0.22	0.33	-0.2	133%	2
283	95	213487	162	0.4	9.2	15.8	15.4	-3%			5.9	0.23	0.28	-0.3		2
284	95	211699	165	0.4	8.1	11.5	8.6	-34%	115%	2019	4.7	0.21	0.41	0.5	200%	2
285	95	211779	166	0.7	7.2	12.8	9.2	-39%		2018	4.7	0.23	0.45	-1.0	200%	2
286	96	211106	164	0.8	8.4	11.7	8.5	-38%	81%	2018	4.0	0.26	0.46	0.5	100%	2
287	96	213278	162	0.7	7.5	11.4	8.6	-32%	60%	2018	4.0	0.23	0.46	0.9	100%	1
288	96	212537	162	0.1	7.2	11.6	12.0	3%	87%	2018	3.8	0.18	0.4	0.7	150%	1
289	97	210287	166	0.3	8.4	12.7	9.5	-34%	117%	2019	5.6	0.19	0.51	0.9	100%	2
290	97	213222	166	0.7	10.1	14.8	10.6	-39%	73%	2018	6.8	0.16	0.32	0.1	200%	2
291	97	212819	161	0.6	10.1	15.1	15.8	4%	108%	2017	5.1	0.25	0.39	0.1	167%	2
292	98	213858	164	0.5	9.1	14.7	10.4	-42%			0.0	0.18	0.41	0.4		1
293	98	213205	167	0.3	8.1	12.7	11.4	-11%	103%	2017	4.5	0.31	0.5	0.2	133%	2
294	98	213280	166	0.7	9.2	14.1	12.8	-10%	60%	2019	5.3	0.24	0.44	1.1	100%	1
295	99	211922	162	0.3	7.8	11.0	10.4	-5%	58%	2015	3.5	0.25	0.51	-0.1	175%	2
296	99	212649	164	0.5	7.9	12.8	9.6	-33%	72%	2017	4.6	0.18	0.39	0.3	100%	2
297	99	212702	166	0.3	6.9	10.1	7.3	-38%	92%	2016	3.8	0.31	0.43	0.8	125%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intra-muscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
271	91	CH-190157	-0.2	1.3	3.9	2.3	-0.3	3.5	Black	Mixed	-18	2	3.3	25.9	-1.1	5		
272	91	CH-191418	-0.2	1.8	4.7	2.0	-0.7	3.0	Black	Black	-30	4	4.2	32.6	5.6	-4		
273	91	CH-190333	-0.6	1.3	4.4	2.0	-0.5	4.1	Black	Black	-54	3	3.3	27.1	0.1	10		
274	92	CH-191280	-0.6	1.6	5.1	2.8	-0.5	2.6	Black	Black	-40	1	3.7	26.5	-0.5	9		
275	92	CH-190709	-0.7	1.3	5.3	2.2	-0.5	2.4	Black	Mixed	-11		3.2	23.1	-3.9	-1	2	
276	92	CH-201915	-0.9	1.0	5.3	1.8	-0.8	4.4	Black	Mixed	-26	2	3.2	23.5	-3.5	5		
277	93	CH-201479	-1.0	0.8	5.0	1.6	-0.7	1.9	Black	Black	-21	1	3.5	23.3	-3.7	5		
278	93	CH-191527	-0.3	2.1	5.6	2.4	-0.7	3.0	Black	Mixed	-12	1	3.3	23.8	-3.2	5	2	1
279	93	CH-202012	-1.0	1.6	5.8	2.4	-1.1	5.4	Black	Mixed	-34	3	3.2	21.8	-5.2	-4		
280	94	CH-181487	-0.6	1.4	5.1	1.6	-0.8	6.5	Black	Mixed	-14	1	4.0	29.1	2.1	7		
281	94	CH-191527	-0.4	1.7	5.4	1.6	-0.7	3.0	Black	Mixed	59	2	3.5	25.6	-1.4	3	2	1
282	94	CH-181487	-0.6	1.9	5.9	2.2	-1.0	8.7	Black	Black	-44	5	4.2	24.7	-2.3	3		
283	95	CH-150909	-0.8	1.2	5.1	2.8	-0.3	0.6	Black	Dark	-13	3	3.5	21.2	-5.8	7	2	
284	95	CH-202012	-0.5	1.8	5.5	2.2	-0.9	7.0	Black	Black	-26	3	3.2	29.5	2.5	-1		
285	95	CH-202512	-0.1	1.4	3.9	2.1	-0.7	1.5	Black	Mixed	-47	3	3.3	22.8	-4.2	11		
286	96	CH-201926	-0.8	0.7	4.6	1.2	-0.7	5.2	Black	Mixed	-28	1	3.5	26.9	-0.1	15		
287	96	CH-201787	-0.8	0.9	4.7	1.5	-0.7	5.2	Black	Black	-22	4	4.0	27.1	0.1	14		
288	96	CH-201897	-0.1	2.9	5.2	3.1	-0.7	2.2	Black	Mixed	-44	1	3.7	34.6	7.6	-4		
289	97	IN-190281	-0.5	1.5	4.7	1.6	-0.5	2.4	Black	Black	-26	2	3.7	27.8	0.8	-1		
290	97	CH-190773	-1.3	1.3	5.4	2.2	-0.7	3.1	Black	Mixed	-19	4	3.5	26.4	-0.6	15		
291	97	CH-190137	-0.6	1.3	5.4	2.8	-0.3	2.5	Black	Black	-29	1	3.2	26.7	-0.3	-13	2	
292	98	CH-200720	-1.2	0.6	5.9	2.2	-0.3	1.9	Black	Black	-31		2.8	25.3	-1.7	-5	2	
293	98	CH-190157	0.0	1.5	4.0	2.6	-0.3	3.2	Black	Black	-7		3.7	26.8	-0.2	0		
294	98	CH-201984	-0.6	1.2	5.0	2.0	-0.6	4.7	Black	Black	-18	3	4.0	34	7	4		
295	99	CH-191527	0.0	2.2	4.6	2.3	-0.5	0.9	Black	Black	-22	1	4.0	24.5	-2.5	-6		
296	99	CH-190333	-0.5	1.6	4.8	2.4	-0.5	2.2	Black	Mixed	-51	3	3.5	27	0	1		
297	99	CH-190157	-0.2	1.6	4.3	2.2	-0.5	4.4	Black	Mixed	-9	2	3.5	31.4	4.4	-1		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
298	100	213267	167	0.8	9.1	14.0	12.5	-12%	86%	2019	5.4	0.22	0.42	-1.2	200%	2
299	100	210714	163	0.4	9.0	15.5	11.4	-35%	47%	2018	6.2	0.07	0.4	1.2	100%	1
300	100	213194	162	0.5	9.5	14.1	13.9	-1%	77%	2015	4.9	0.25	0.39	0.2	200%	3
301	101	212503	165	0.5	7.5	12.2	10.0	-21%	71%	2017	4.5	0.28	0.5	-0.2	150%	2
302	101	211463	166	0.4	8.6	12.1	10.0	-21%	75%	2015	4.4	0.29	0.5	0.4	140%	2
303	101	210836	164	0.4	8.3	13.3	12.0	-11%	76%	2015	5.2	0.26	0.37	0.1	200%	3
304	102	212952	162	0.6	9.1	11.9	10.7	-11%	139%	2018	4.2	0.26	0.4	1.1	150%	3
305	102	212671	164	0.7	10.2	15.5	14.6	-6%	101%	2019	5.4	0.18	0.37	0.3	200%	2
306	102	211890	168	0.4	8.6	14.3	12.4	-15%	95%	2017	5.1	0.28	0.52	-1.1	225%	2
307	103	213826	169	0.5	11.3	14.7	12.4	-18%	123%	2019	4.7	0.26	0.36	-0.1	100%	1
308	103	212684	167	0.6	8.0	12.2	9.6	-27%	127%	2017	4.6	0.27	0.47	0.0	166%	3
309	103	212889	164	0.4	8.4	12.0	10.0	-20%	91%	2019	4.2	0.25	0.46	-0.7	133%	2
310	104	213268	166	0.8	9.0	13.7	12.0	-15%	86%	2019	5.3	0.22	0.42	-1.2	200%	2
311	104	211693	162	0.2	7.1	10.5	8.5	-24%	104%	2017	4.0	0.29	0.53	-0.6	150%	3
312	104	212082	168	0.3	8.3	13.6	13.2	-3%	87%	2019	5.1	0.30	0.58	-0.5	200%	2
313	105	211241	165	0.7	10.0	17.3	18.5	7%	73%	2012	5.7	0.24	0.46	-0.7	100%	2
314	105	211882	167	0.6	9.6	15.0	14.5	-3%	90%	2016	5.1	0.19	0.29	1.5	167%	2
315	105	210677	168	0.4	9.1	14.7	12.1	-21%	68%	2018	6.3	0.19	0.53	0.8	150%	1
316	106	211193	165	0.4	7.9	12.0	9.5	-26%	95%	2013	4.5	0.20	0.39	0.2	120%	1
317	106	212113	162	0.9	9.9	13.3	12.7	-5%	113%	2015	4.3	0.26	0.4	0.6	250%	4
318	106	210891	168	0.6	9.5	14.7	12.9	-14%	86%	2017	5.5	0.22	0.38	-0.1	200%	2
319	107	210661	167	0.4	8.1	11.9	8.9	-33%	82%	2018	5.2	0.31	0.48	-0.5	150%	1
320	107	210630	167	0.7	9.9	15.9	14.3	-12%	111%	2017	6.2	0.16	0.29	0.7	200%	2
321	107	212977	161	0.5	9.3	14.4	14.6	1%	65%	2015	5.5	0.20	0.3	0.8	180%	3
322	108	210952	167	0.8	10.3	15.9	19.7	20%	93%	2019	6.3	0.27	0.54	0.1	200%	2
323	108	212839	165	0.7	10.2	15.0	13.1	-14%	104%	2014	5.3	0.23	0.42	-0.4	233%	3
324	108	212927	158	0.6	9.3	14.0	13.5	-3%	82%	2017	5.8	0.21	0.42	0.0	167%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intramuscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
298	100	CH-180191	-1.0	2.2	5.4	2.4	-0.9	2.6	Black	Mixed	-23	3	3.5	22	-5	15		
299	100	IN-190281	-1.3	1.3	6.0	1.9	-0.7	3.0	Black	Black	-34	1	3.7	33	6	-4		
300	100	CH-201915	-0.8	1.1	5.4	1.9	-0.8	4.6	Black	Black	-30	2	3.3	26.6	-0.4	-1		
301	101	CH-190157	-0.1	1.4	3.9	2.3	-0.4	1.8	Black	Mixed	-17	1	3.2	27.4	0.4	-2		
302	101	CH-190157	-0.3	1.3	4.8	2.3	-0.4	3.6	Black	Mixed	-13	1	3.5	25.8	-1.2	-14		
303	101	CH-181487	-0.6	1.5	5.0	2.0	-0.8	4.4	Black	Mixed	-15	2	3.2	22.8	-4.2	2		
304	102	CH-190157	-0.7	1.1	4.6	1.7	-0.5	4.5	Black	Black	0	2	4.0	26.1	-0.9	9		
305	102	CH-201490	-0.6	1.3	4.5	2.3	-0.3	1.2	Black	Black	-4	2	4.7	34.9	7.9	23		
306	102	CH-201915	-0.3	1.6	5.1	2.2	-0.5	3.7	Black	Black	-20	5	4.0	26.5	-0.5	3		
307	103	CH-200191	-1.4	1.7	7.4	1.8	-1.1	8.6	Black	Black	-7		3.2	27.1	0.1	-6	2	
308	103	CH-201939	-0.5	1.3	4.3	1.4	-0.6	2.0	Black	Black	-29	2	3.5	28.4	1.4	14		
309	103	CH-201915	0.3	1.7	4.5	2.0	-0.5	4.9	Black	Mixed	-48	2	2.8	26.3	-0.7	-9		
310	104	CH-180191	-1.1	2.2	5.6	2.3	-0.9	2.9	Black	Mixed	-8	1	3.8	24.8	-2.2	12		
311	104	CH-201915	0.4	1.6	3.8	1.8	-0.3	3.5	Black	Black	-29	1	3.5	26.5	-0.5	-9		
312	104	CH-201939	0.1	1.9	4.3	2.2	-0.4	1.5	Black	Mixed	0	3	3.8	28.8	1.8	12		
313	105	CH-201790	-1.0	1.2	5.5	2.2	-0.8	1.8	Striped	Mixed	-39	1	3.3	22.6	-4.4	8		
314	105	CH-202537	-1.0	1.6	5.6	2.2	-1.0	6.1	Striped	Mixed	-38		3.3	24.7	-2.3	12		
315	105	IN-190281	-1.2	1.3	5.4	1.6	-0.8	2.7	Striped	Mixed	-25	2	3.7	35.1	8.1	4		
316	106	CH-202537	-0.5	2.2	5.5	2.2	-0.7	4.7	Striped	Mixed	-30	3	4.3	32.6	5.6	0		
317	106	CH-201980	-1.8	1.0	6.0	1.4	-0.9	5.3	Striped	Mixed	-22	2	3.0	25.8	-1.2	2	2	1
318	106	CH-191418	-0.5	1.9	5.8	2.5	-1.0	4.5	Striped	Mixed	-33	3	3.2	22.9	-4.1	1		
319	107	CH-190157	0.2	1.2	3.5	2.1	-0.3	3.1	Striped	Mixed	-11	2	4.0	30.3	3.3	6		
320	107	CH-190773	-0.8	1.6	5.2	2.8	-0.6	2.9	Striped	Mixed	-47	5	3.5	26.2	-0.8	14		
321	107	CH-191418	-0.1	1.4	4.8	2.1	-0.7	3.9	Striped	Black	-43	2	3.5	24.6	-2.4	-3	2	
322	108	CH-180191	-1.2	1.6	4.4	2.1	-0.5	1.9	Striped	Mixed	-37		3.8	29.7	2.7	35		
323	108	CH-190333	-1.0	0.7	5.5	1.9	-0.8	5.2	Striped	Pink	-47	3	3.5	22.8	-4.2	4		
324	108	CH-201915	-0.7	0.9	5.0	1.6	-0.6	4.2	Striped	Mixed	-35	4	3.2	24	-3	-5		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
325	109	212211	166	0.7	9.0	13.5	11.7	-16%	99%	2018	4.4	0.23	0.33	0.6	200%	2
326	109	210989	164	0.6	8.0	12.3	8.6	-43%	92%	2018	4.2	0.22	0.31	-0.5	200%	2
327	109	211537	163	0.7	8.6	13.0	11.1	-18%	75%	2015	3.3	0.19	0.42	0.9	200%	2
328	110	213244	163	0.5	9.3	11.0	11.2	2%	93%	2014	3.7	0.29	0.52	0.9	200%	2
329	110	212626	162	0.7	9.1	14.4	13.8	-5%	93%	2016	5.0	0.21	0.35	0.1	167%	2
330	110	212647	166	0.6	7.1	11.9	8.1	-47%	75%	2016	3.8	0.22	0.49	0.3	167%	2
331	111	211603	165	0.6	9.6	15.0	15.0	0%	77%	2017	4.3	0.20	0.49	0.8	100%	2
332	111	213112	160	0.7	8.7	13.8	11.2	-23%	68%	2017	5.6	0.17	0.31	0.2	125%	1
333	111	213134	164	0.7	8.7	12.5	10.7	-17%	80%	2015	4.8	0.22	0.45	0.1	225%	2
334	112	211865	165	0.6	8.1	12.9	12.8	-1%	82%	2015	4.5	0.26	0.42	0.4	217%	2
335	112	212629	164	0.5	7.5	12.4	9.4	-31%	116%	2018	5.5	0.20	0.33	0.5	250%	3
336	112	211156	163	0.5	9.3	13.8	12.8	-8%	106%	2016	5.3	0.23	0.43	-0.6	200%	3
337	113	211524	167	0.6	9.0	14.9	12.8	-17%	94%	2013	5.0	0.19	0.38	0.5	167%	2
338	113	213058	165	0.6	10.1	13.6	12.9	-5%	82%	2012	5.1	0.25	0.48	1.0	200%	2
339	113	212954	161	0.4	9.1	12.1	11.4	-7%	139%	2018	4.9	0.26	0.4	1.1	150%	3
340	114	213464	164	0.1	7.2	11.4	9.8	-16%	98%	2020	0.0	0.24	0.38	-0.4	100%	2
341	114	210918	162	0.8	9.1	13.4	12.4	-8%	83%	2018	4.9	0.24	0.39	-0.4	233%	2
342	114	213124	163	0.4	8.8	13.1	11.5	-14%	126%	2019	4.4	0.20	0.35	0.6	200%	2
343	115	211297	165	0.3	7.9	12.5	11.6	-7%	102%	2016	4.4	0.28	0.49	0.1	200%	2
344	115	212944	160	0.7	9.6	14.5	14.4	-1%	97%	2019	5.1	0.21	0.37	0.1	200%	2
345	115	211421	163	0.3	8.3	12.6	12.0	-5%	66%	2018	4.5	0.29	0.4	0.0	250%	2
346	116	212650	161	0.7	8.5	12.3	10.1	-22%	80%	2014	4.7	0.23	0.38	0.0	200%	1
347	116	211510	166	0.8	9.3	11.6	6.0	-93%	97%	2014	3.7	0.24	0.24	0.6	183%	2
348	116	212041	165	0.9	11.7	15.7	12.2	-29%	97%	2017	6.8	0.14	0.31	0.3	233%	3
349	117	211958	163	0.5	6.8	13.4	10.2	-32%	81%	2016	5.5	0.17	0.33	0.2	200%	2
350	117	212659	161	0.2	8.1	11.5	9.8	-17%	82%	2015	4.0	0.19	0.25	0.2	167%	2
351	117	211618	167	0.5	7.5	12.7	10.7	-19%	64%	2015	4.8	0.26	0.38	0.3	186%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intramuscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
325	109	CH-200718	-0.9	1.7	4.9	2.6	-0.5	2.2	Striped	Pink	-5	2	4.3	29.9	2.9	9		
326	109	CH-200718	-0.7	1.6	4.8	2.2	-0.6	2.0	Striped	Mixed	-22	3	3.3	26.6	-0.4	11		
327	109	CH-202707	-0.9	1.1	5.5	2.1	-0.6	3.6	Striped	Mixed	-45	4	3.2	23.7	-3.3	5		
328	110	CH-191527	-0.6	1.6	5.2	1.5	-0.6	3.7	Striped	Mixed	-19	1	3.5	24.5	-2.5	-3		
329	110	CH-190333	-0.8	1.1	4.7	2.3	-0.4	2.4	Striped	Mixed	-49	4	3.3	25.2	-1.8	8		
330	110	CH-202512	-0.3	1.2	4.3	1.8	-0.6	2.6	Striped	Mixed	-44	5	3.7	23.5	-3.5	12		
331	111	CH-202707	-0.9	1.1	5.6	2.1	-0.7	3.9	Striped	Mixed	-44	4	3.0	27.2	0.2	6		
332	111	CH-190773	-1.1	1.1	4.8	2.2	-0.6	2.4	Striped	Mixed	-30	3	3.3	30.2	3.2	10		
333	111	CH-201926	-0.4	1.7	4.6	1.8	-0.6	3.2	Striped	Mixed	-13	3	3.2	29.2	2.2	10		
334	112	CH-202012	-0.9	1.8	5.8	2.3	-1.0	5.9	Striped	Pink	-42	3	3.3	21.5	-5.5	-6		
335	112	CH-190773	-0.7	1.5	4.3	2.4	-0.7	1.3	Striped	Pink	-31	2	3.8	28	1	18		
336	112	CH-201915	-0.3	1.6	4.7	2.0	-0.5	3.1	Striped	Mixed	-18	2	3.2	25.2	-1.8	2		
337	113	CH-201490	-0.9	1.2	4.9	2.4	-0.2	0.9	Striped	Mixed	-35	2	3.8	25.8	-1.2	20		
338	113	CH-201939	-1.0	1.0	5.3	1.3	-0.6	4.5	Striped	Pink	-12	1	2.8	28.5	1.5	7		
339	113	CH-190157	-0.8	1.1	4.8	1.8	-0.6	5.1	Striped	Mixed	-13	2	3.3	27	0	-3		
340	114	CH-201897	0.3	2.3	4.3	2.9	-0.3	1.0	Striped	Mixed	-51	2	4.2	30.8	3.8	-10	2	
341	114	CH-190333	-0.5	1.2	4.4	2.0	-0.5	3.0	Striped	Mixed	-39	3	3.2	27.1	0.1	5		
342	114	CH-201897	-0.2	2.0	5.8	2.5	-0.8	5.3	Striped	Mixed	-21	1	3.7	22.1	-4.9	-11		
343	115	CH-201939	-0.5	1.6	5.0	2.0	-0.6	2.3	Striped	Mixed	-9	2	2.8	27.1	0.1	6		
344	115	CH-190137	-0.9	1.2	5.3	2.2	-0.6	3.6	Striped	Mixed	-41	1	3.8	22.3	-4.7	1		
345	115	CH-181487	-0.7	1.1	4.9	1.6	-0.8	5.5	Striped	Mixed	-23	3	3.5	25.7	-1.3	12		
346	116	CH-190333	-0.7	1.1	4.5	1.7	-0.6	3.2	Striped	Mixed	-43		3.0			6		
347	116	CH-200718	-1.8	1.0	6.1	1.5	-0.9	4.5	Striped	Mixed	-12	4	3.2	32.4	5.4	10		
348	116	CH-190773	-1.4	1.1	6.2	1.9	-0.8	5.1	Striped	Mixed	-23	1	3.3	34.2	7.2	11		
349	117	CH-190773	-0.4	1.6	4.3	2.8	-0.5	0.5	Striped	Mixed	-40	3	3.8	19.8	-7.2	6		
350	117	CH-201897	0.1	2.6	5.4	2.9	-0.7	2.5	Striped	Mixed	-30	2	3.5	24.2	-2.8	-18		
351	117	CH-191280	0.1	2.0	4.0	3.1	-0.4	-0.7	Striped	Mixed	-24	3	3.8	26.8	-0.2	-2		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
352	118	211927	166	0.2	6.8	11.5	10.6	-8%	122%	2017	3.8	0.27	0.44	-0.4	200%	3
353	118	211602	164	0.7	9.2	14.2	12.9	-10%	77%	2017	3.6	0.20	0.49	0.8	100%	2
354	118	211999	168	0.3	10.2	15.6	16.9	7%	110%	2019	6.4	0.28	0.45	0.1	200%	2
355	119	210877	166	0.5	9.8	14.3	14.4	1%	102%	2019	5.2	0.32	0.43	-0.6	150%	3
356	119	211601	164	0.6	9.6	14.2	14.1	-1%	94%	2018	5.5	0.22	0.28	-0.1	167%	2
357	119	212563	167	0.3	7.6	11.2	9.2	-21%	89%	2017	4.3	0.33	0.49	0.0	200%	2
358	120	213217	164	0.5	8.3	12.2	9.6	-26%	59%	2019	0.0	0.24	0.41	-0.4	100%	1
359	120	212523	166	0.6	7.0	12.2	10.1	-21%	114%	2018	4.7	0.29	0.43	-0.3	200%	3
360	120	211895	161	0.5	8.3	11.3	8.3	-36%	71%	2016	4.7	0.12	0.28	0.7	120%	2
361	121	211604	162	0.6	7.9	12.6	7.1	-79%	91%	2018	5.2	0.13	0.22	-0.6	100%	2
362	121	213223	163	0.8	9.3	12.4	9.8	-27%	66%	2018	4.6	0.22	0.4	-1.2	100%	1
363	121	212625	160	0.6	8.3	13.2	12.4	-6%	93%	2016	4.6	0.22	0.34	0.1	167%	2
364	122	212234	166	0.3	8.2	12.3	10.6	-16%	64%	2018	4.5	0.21	0.36	-0.2	133%	2
365	122	213327	167	0.7	8.1	12.7	10.8	-18%	60%	2014	4.9	0.23	0.42	-0.7	133%	2
366	122	211532	161	0.5	9.2	12.7	10.9	-17%	82%	2018	5.0	0.17	0.3	0.1	150%	2
367	123	212755	166	0.4	8.1	12.4	11.4	-9%	118%	2018	4.8	0.31	0.54	-1.0	167%	3
368	123	210619	161	0.7	9.1	13.4	10.4	-29%	79%	2014	5.4	0.14	0.24	0.4	200%	3
369	123	211460	164	0.6	10.4	15.3	15.4	1%	94%	2018	5.7	0.23	0.29	-0.1	167%	2
370	124	212842	166	0.6	10.8	16.6	17.9	7%	90%	2018	6.0	0.30	0.53	-0.2	200%	2
371	124	212096	167	0.6	10.2	15.1	16.6	9%	94%	2017	4.9	0.27	0.55	0.2	167%	2
372	124	212335	164	0.6	10.6	15.1	14.6	-4%	50%	2013	5.3	0.24	0.41	1.9	200%	2
373	125	210554	168	0.4	8.5	13.4	12.3	-9%	70%	2018	5.9	0.28	0.43	-0.6	150%	1
374	125	211486	164	0.4	9.0	14.1	14.0	-1%	67%	2019	4.9	0.24	0.39	0.3	100%	1
375	125	210629	164	0.5	8.9	14.6	13.1	-11%	111%	2017	5.9	0.16	0.29	0.7	200%	2
376	126	211666	164	0.8	10.2	14.6	12.2	-20%	91%	2018	4.4	0.16	0.31	-0.2	133%	2
377	126	211167	163	0.4	9.4	14.7	13.3	-11%	96%	2017	6.5	0.15	0.28	1.0	150%	3
378	126	211451	161	0.5	8.5	13.0	12.0	-8%	66%	2016	5.2	0.22	0.36	-0.1	250%	3

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intra-muscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
352	118	CH-201897	0.5	2.7	4.6	3.0	-0.4	1.3	Striped	Mixed	-35	1	3.5	22.4	-4.6	-8		
353	118	CH-202707	-1.0	1.1	5.8	1.9	-0.7	3.7	Striped	Mixed	-29	5	3.7	28.1	1.1	6		
354	118	CH-181487	-0.5	1.8	5.6	2.2	-0.9	7.2	Striped	Mixed	-6	2	3.3			7		
355	119	CH-181487	-0.7	0.9	5.2	1.5	-0.7	6.0	Striped	Mixed	-39	1	3.5	24.4	-2.6	3		
356	119	CH-191418	-0.4	2.2	6.0	2.4	-1.1	6.0	Striped	Pink	-40	1	3.2	25.1	-1.9	-7		
357	119	CH-190157	-0.2	1.4	3.7	2.1	-0.3	3.2	Striped	Pink	-12	2	3.7	26.2	-0.8	11		
358	120	CH-202512	-0.2	1.6	4.5	2.3	-0.7	3.4	Striped	Mixed	-23		3.8	32.8	5.8	9	2	1
359	120	CH-180191	-0.8	1.4	4.2	2.1	-0.4	1.5	Striped	Mixed	-29	4	3.2	24	-3	14		
360	120	CH-190773	-1.2	2.1	5.6	2.3	-0.5	3.0	Striped	Mixed	-61	1	4.3	24.3	-2.7	5	2	
361	121	CH-190773	-0.6	2.0	5.1	2.6	-0.8	2.5	Striped	Mixed	-33	3	3.3	26.2	-0.8	7		
362	121	CH-180191	-1.1	1.6	5.1	1.7	-0.7	3.7	Striped	Mixed	-25	2	3.5	31	4	17		
363	121	CH-190333	-0.5	1.2	4.2	2.3	-0.4	1.8	Striped	Mixed	-51	4	3.8	25.9	-1.1	7		
364	122	CH-201897	0.0	2.6	5.6	2.8	-0.7	2.5	Striped	Mixed	-51	3	3.3	25.6	-1.4	-9		
365	122	CH-202246	-0.2	2.3	5.3	2.2	-0.7	4.0	Striped	Mixed	-31	1	3.2	20.4	-6.6	5		
366	122	CH-190137	-0.3	2.2	5.7	2.5	-0.6	3.1	Striped	Mixed	-36	3	4.0	33.2	6.2	-3		
367	123	CH-201915	-0.3	1.7	5.0	1.8	-0.6	3.3	Striped	Mixed	-37	1	3.2	26.1	-0.9	-1	2	1
368	123	CH-190773	-1.1	1.4	5.3	2.1	-0.8	3.2	Striped	Mixed	-32		3.7	28.9	1.9	12		
369	123	CH-191418	-0.8	1.7	6.2	2.2	-1.2	6.6	Striped	Mixed	-30		3.0	27.7	0.7	-2		
370	124	CH-201939	-0.5	0.7	4.6	1.6	-0.4	2.8	White	Pink	-10	3	3.3	27.2	0.2	21		
371	124	CH-201790	-0.8	1.4	5.3	1.9	-0.8	4.3	White	Pink	-38		3.0	32.5	5.5	9		
372	124	CH-201490	-0.8	0.2	4.5	1.8	-0.3	3.0	White	Mixed	-10	1	4.0	34.2	7.2	12	2	
373	125	CH-170188	-0.2	1.7	4.0	2.3	-0.3	1.6	White	Pink	-30	1	3.3	24.8	-2.2	6		
374	125	CH-181487	-0.8	1.6	5.6	2.2	-0.8	6.7	White	Pink	-26	1	3.3	26.7	-0.3	4	2	
375	125	CH-190773	-0.6	1.7	4.6	2.7	-0.5	2.2	White	Pink	-36	1	4.0	25.4	-1.6	16		
376	126	CH-202537	-0.3	1.6	5.4	2.0	-0.9	6.8	White	Pink	-33	3	4.3	26.3	-0.7	12		
377	126	CH-190773	-0.6	1.9	5.0	2.8	-0.5	2.1	White	Pink	-30	1	3.5	31.3	4.3	2		
378	126	CH-202012	-0.5	1.6	5.1	2.4	-0.7	3.9	White	Pink	-27	3	3.2	23.5	-3.5	-3		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
379	127	210527	160	0.6	8.9	12.6	9.8	-28%	96%	2014	5.1	0.11	0.25	0.6	120%	2
380	127	211012	163	0.6	9.4	14.7	14.3	-3%	81%	2018	4.9	0.20	0.44	-0.3	100%	2
381	127	213044	166	0.6	9.0	13.4	10.5	-28%	97%	2014	3.9	0.27	0.5	-0.3	233%	2
382	128	213173	163	0.4	9.0	13.2	14.0	6%	103%	2019	5.3	0.32	0.42	-0.2	200%	2
383	128	212610	161	0.2	8.2	12.5	13.4	7%	79%	2015	4.4	0.25	0.3	0.7	175%	3
384	128	212002	167	0.4	8.5	13.6	13.6	0%	105%	2012	4.4	0.24	0.44	-0.4	250%	3
385	129	211952	161	0.3	7.8	11.6	11.1	-4%	97%	2018	3.8	0.22	0.41	-0.3	200%	2
386	129	210011	164	0.5	10.5	12.9	9.2	-41%	71%	2019	4.0	0.11	0.3	1.9	100%	2
387	129	211186	167	0.7	7.9	12.4	7.8	-60%	59%	2014	3.9	0.23	0.36	0.5	125%	2
388	130	212953	160	0.6	9.5	12.8	12.7	-1%	139%	2018	4.8	0.26	0.39	1.1	150%	3
389	130	213449	168	0.7	10.6	13.7	11.3	-22%	89%	2020	4.6	0.21	0.43	1.1	100%	2
390	130	212959	164	0.7	7.5	12.2	9.5	-28%	80%	2013	4.1	0.25	0.45	-0.2	171%	2
391	131	213172	160	0.6	7.7	13.1	13.2	0%	75%	2019	4.8	0.25	0.44	0.2	200%	2
392	131	211442	168	0.7	8.3	12.2	8.0	-54%	107%	2018	4.3	0.25	0.44	-0.1	200%	2
393	131	212180	165	0.4	8.9	12.8	10.2	-26%	66%	2016	4.4	0.21	0.39	0.7	175%	2
394	132	213211	163	0.5	7.4	12.1	8.0	-51%	32%	2018	4.6	0.20	0.31	-1.7	100%	1
395	132	212612	167	0.6	8.4	11.3	8.1	-39%	108%	2018	4.3	0.25	0.44	-0.4	200%	2
396	132	213243	165	0.5	8.4	10.1	8.7	-17%	93%	2014	3.3	0.29	0.52	0.9	200%	2
397	133	212025	169	0.8	7.2	12.5	9.1	-38%	79%	2015	4.3	0.28	0.47	-0.7	200%	2
398	133	210882	165	0.5	10.0	13.0	11.8	-10%	86%	2017	4.4	0.24	0.52	0.0	167%	2
399	133	211408	164	0.6	9.3	12.3	9.3	-33%	85%	2012	3.8	0.27	0.52	-0.8	200%	2
400	134	211607	162	0.4	8.9	11.5	10.6	-9%	92%	2017	3.8	0.26	0.54	-0.8	100%	2
401	134	212294	163	0.3	5.9	8.9	5.1	-74%	78%	2014	4.1	0.22	0.46	0.5	200%	2
402	134	210976	161	0.7	8.5	13.1	9.8	-35%	97%	2016	4.6	0.20	0.38	0.4	150%	2
403	135	210787	168	0.6	8.6	12.3	8.6	-42%	145%	2019	4.7	0.22	0.35	0.9	200%	2
404	135	213363	166	0.6	8.1	13.2	10.9	-21%	83%	2017	4.2	0.26	0.5	0.6	100%	2
405	135	211155	163	0.5	8.5	12.6	10.3	-22%	106%	2016	4.5	0.25	0.42	-0.6	200%	3

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intramuscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
379	127	CH-190773	-1.0	2.1	5.7	2.4	-0.8	3.9	White	Pink	-28	2	3.7	28.5	1.5	7	2	
380	127	CH-190333	-0.9	1.3	5.4	2.1	-0.8	4.3	White	Pink	-45	4	3.5	29.3	2.3	10		
381	127	CH-191527	-0.5	1.5	5.7	2.2	-0.8	2.6	White	Pink	14	2	3.7	24	-3	-6		
382	128	CH-190157	-0.1	1.4	3.9	2.1	-0.3	3.2	White	Pink	-15	2	3.3	22.8	-4.2	-2		
383	128	CH-201897	0.4	2.1	4.5	2.7	-0.6	2.8	White	Mixed	-50	2	3.2	24.3	-2.7	-19		
384	128	CH-201897	-0.2	2.5	5.5	2.8	-0.7	2.1	White	Pink	-52	2	3.8	26.3	-0.7	-3		
385	129	CH-201897	0.1	2.6	5.2	2.6	-0.6	2.6	White	Pink	-27	3	3.7	25	-2	-11		
386	129	LP-152562	-0.8	1.7	6.5	1.4	-0.7	7.7	White	Pink	-24	1	2.8	20.9	-6.1	-1		
387	129	CH-201787	-0.8	1.4	5.5	2.1	-0.9	4.4	White	Pink	-14	1	3.7	30.5	3.5	8		
388	130	CH-190157	-0.9	0.8	4.7	1.6	-0.6	5.0	White	Pink	-8	2	3.7	23.6	-3.4	1		
389	130	CH-202722	-0.6	1.1	5.5	1.6	-0.8	6.2	White	Pink	-33	2	4.3	26.5	-0.5	13	2	1
390	130	CH-201926	-0.2	1.2	4.5	1.9	-0.7	3.0	White	Pink	-35	4	4.2	25.9	-1.1	9		
391	131	CH-190333	-0.1	0.8	3.4	2.0	-0.3	1.6	White	Pink	-57	4	4.5	27.8	0.8	10		
392	131	CH-201787	-0.5	1.7	5.3	2.0	-0.9	5.1	White	Pink	-4	3	4.0	38.7	11.7	8		
393	131	CH-181487	-0.7	1.4	5.6	1.9	-0.7	5.6	White	Pink	-28		3.3	25.5	-1.5	4		
394	132	CH-200718	-0.3	2.2	4.6	2.8	-0.4	0.8	White	Pink	-31	1	3.5	27.6	0.6	4		
395	132	CH-180191	-1.1	1.5	4.9	1.6	-0.8	5.2	White	Pink	-38	4	4.3	30.7	3.7	25		
396	132	CH-191527	-0.7	1.7	5.5	1.6	-0.7	3.4	White	Pink	-21	3	3.2	22.6	-4.4	-8		
397	133	CH-180191	-1.1	1.0	4.3	1.9	-0.5	1.5	White	Pink	-48		3.5	25.8	-1.2	19		
398	133	CH-191527	0.0	2.1	5.3	2.2	-0.8	3.4	White	Pink	6	1	3.8	29	2	-3		
399	133	CH-191527	-0.4	1.5	5.9	1.9	-0.8	3.9	White	Pink	-13	1	3.0	19.8	-7.2	-20		
400	134	CH-191527	-0.5	1.6	5.2	1.9	-0.8	3.5	White	Pink	-37	1	4.2	28.9	1.9	-1		
401	134	CH-202012	-0.6	2.2	5.2	2.1	-0.9	4.1	White	Pink	-30	2	3.7	24.6	-2.4	-2		
402	134	CH-190333	-1.5	0.4	5.4	1.4	-0.6	3.8	White	Pink	-51	3	3.7	30.5	3.5	9		
403	135	CH-201479	-0.2	1.9	4.9	2.0	-0.6	2.2	White	Pink	-20	2	3.7	24.8	-2.2	-3		
404	135	CH-190157	-0.3	1.0	4.4	2.3	-0.3	3.2	White	Pink	-24	5	3.5	24.8	-2.2	1		
405	135	CH-201915	-0.7	1.4	4.9	1.7	-0.5	2.8	White	Mixed	-9	1	3.2	26.1	-0.9	3		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
406	136	211128	161	0.7	11.0	15.7	15.3	-3%	119%	2019	5.0	0.21	0.42	-0.1	200%	2
407	136	211017	164	0.6	11.0	15.6	15.1	-3%	74%	2015	5.6	0.22	0.32	0.0	180%	2
408	136	210915	160	0.4	7.1	11.2	6.6	-71%	109%	2019	4.7	0.16	0.23	-0.4	200%	2
409	137	211720	153	0.8	11.4	16.6	19.7	15%	90%	2017	5.0	0.16	0.26	1.0	125%	2
410	137	210612	157	0.6	9.9	14.2	12.8	-11%	85%	2017	5.4	0.12	0.19	0.5	225%	2
411	137	212401	145	0.7	10.2	14.1	16.5	14%	66%	2017	4.5	0.12	0.19	0.2	200%	2
412	138	212062	155	0.7	10.5	14.1	13.0	-9%	100%	2017	4.6	0.13	0.2	0.2	167%	2
413	138	210389	160	0.3	8.5	13.6	14.4	5%	119%	2016	5.8	0.28	0.57	1.3	200%	2
414	138	212897	155	0.8	11.0	16.7	17.8	6%	94%	2018	5.4	0.14	0.25	-0.6	167%	3
415	139	210704	145	0.6	8.3	12.6	13.9	10%	89%	2014	4.1	0.15	0.24	-0.2	140%	1
416	139	210061	159	0.4	8.9	12.9	14.1	9%	100%	2019	5.3	0.23	0.42	0.4	200%	2
417	139	210713	158	0.2	7.8	11.5	8.5	-34%	85%	2015	4.8	0.11	0.4	1.3	120%	1
418	140	210770	151	0.7	9.0	14.7	17.0	13%	56%	2018	5.4	0.12	0.45	0.0	100%	2
419	140	212936	155	0.7	8.8	14.2	14.3	0%	80%	2015	4.3	0.17	0.3	-1.0	167%	2
420	140	210958	158	0.7	11.3	15.7	14.8	-6%	105%	2018	6.4	0.16	0.3	-0.4	200%	2
421	141	211668	155	0.6	9.3	14.3	14.7	3%	111%	2018	5.3	0.18	0.21	-0.6	200%	2
422	141	212021	160	0.4	8.4	13.2	13.1	0%	62%	2017	5.3	0.23	0.4	-0.2	167%	2
423	141	212712	156	0.7	9.0	13.2	11.9	-11%	65%	2018	4.1	0.20	0.31	0.1	133%	2
424	142	212789	146	0.6	9.2	12.2	12.5	2%	83%	2016	3.8	0.13	0.19	0.9	167%	2
425	142	212358	157	0.7	9.1	14.6	15.0	2%	59%	2017	5.0	0.20	0.4	-0.9	133%	2
426	142	212124	152	0.8	9.3	13.6	14.0	3%	66%	2018	4.6	0.13	0.24	0.1	133%	2
427	143	211177	147	0.7	10.7	14.2	13.6	-4%	101%	2016	4.9	0.09	0.22	0.0	200%	3
428	143	213066	158	0.4	7.8	12.5	9.3	-34%	43%	2019	5.1	0.12	0.23	0.0	100%	2
429	143	213273	156	0.6	7.1	12.0	11.6	-4%	86%	2018	4.0	0.21	0.34	1.3	150%	1
430	144	212504	158	0.4	6.8	11.5	11.4	-1%	71%	2017	4.5	0.29	0.49	-0.2	150%	2
431	144	211557	153	0.4	6.2	9.5	7.0	-35%	58%	2015	3.9	0.22	0.39	0.5	120%	1
432	144	212481	145	0.7	8.4	12.2	14.2	14%	90%	2018	4.1	0.17	0.31	-0.6	150%	3

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intra-muscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
406	136	CH-202707	-1.0	0.9	6.2	1.8	-0.9	6.9	White	Mixed	-30		3.2	29.7	2.7	-8		
407	136	CH-191418	-1.0	1.4	6.4	2.2	-1.1	5.8	White	Pink	-33	3	3.2	29.5	2.5	-2		
408	136	CH-190773	-0.3	2.0	4.9	2.5	-0.7	4.1	Striped	Pink	-28	2	3.5	24.9	-2.1	0		
409	137	CH-190137	-1.3	0.9	6.4	2.3	-0.7	5.2	Black	Black	-33	2	3.2	26.5	-0.5	-8		
410	137	CH-190773	-0.8	1.4	5.4	2.4	-0.6	3.6	Black	Mixed	-28	2	3.8	30.4	3.4	10		
411	137	CH-190137	-0.8	1.2	5.6	2.3	-0.7	4.9	Black	Black	-31	2	3.0	27.6	0.6	-11		
412	138	CH-190137	-0.8	1.2	5.9	2.2	-0.8	5.0	Black	Dark	-48	3	2.8	27.3	0.3	-11		
413	138	IN-190281	-1.0	0.2	4.0	0.8	-0.4	3.3	Black	Black	-35	3	4.2	34	7	7	2	
414	138	CH-190137	-0.9	1.0	6.1	2.2	-0.8	5.1	Black	Mixed	-52	1	3.2	26.5	-0.5	7		
415	139	CH-190137	-0.6	1.0	4.7	2.0	-0.5	3.3	Black	Mixed	-44	4	4.0	20.9	-6.1	-2		
416	139	LP-152562	0.0	1.5	4.1	1.3	-0.3	4.5	Black	Mixed	-32	4	3.7	30.7	3.7	1		
417	139	IN-190281	-0.9	2.0	5.6	1.7	-0.7	3.1	Black	Mixed	-28	3	3.7	30.5	3.5	-9		
418	140	IN-190281	-0.6	1.6	5.1	1.7	-0.6	3.1	Black	Mixed	-39	2	3.7	30.1	3.1	-8		
419	140	CH-190137	-0.1	1.4	4.6	2.5	-0.5	2.1	Black	Black	-41	1	3.2	28.5	1.5	3		
420	140	CH-190137	-0.8	1.3	5.8	2.2	-0.6	3.8	Black	Black	-17	1	2.8	31.8	4.8	-5		
421	141	CH-190137	-0.5	1.7	5.3	2.4	-0.8	3.7	Black	Black	-29	2	3.0	25.7	-1.3	2		
422	141	CH-181487	-0.6	1.5	4.9	1.9	-0.8	5.1	Black	Mixed	-33	2	3.7	24.3	-2.7	4		
423	141	CH-201490	-0.4	1.0	4.3	1.9	-0.2	2.0	Black	Black	5	2	3.7	33.2	6.2	14		
424	142	CH-190137	-0.6	0.8	4.8	2.0	-0.3	2.6	Black	Black	-29	4	3.7	31.8	4.8	-8	2	
425	142	CH-201915	-0.3	1.2	4.2	1.9	-0.5	3.2	Black	Black	-36	3	3.3	29.4	2.4	3		
426	142	CH-190137	-0.6	1.7	5.2	2.3	-0.6	2.6	Black	Mixed	-28	1	3.2	28.1	1.1	-6		
427	143	CH-190137	-1.4	0.8	6.5	1.7	-0.9	6.1	Black	Black	-35	4	3.3	25.2	-1.8	-13		
428	143	CH-190773	-0.7	2.0	5.0	2.8	-0.7	1.6	Black	Black	-16	3	4.0	29.7	2.7	6	2	1
429	143	CH-201490	-0.1	0.9	3.1	2.0	-0.1	0.3	Black	Dark	-15	2	4.0	19.2	-7.8	20		
430	144	CH-190157	-0.1	1.2	3.2	2.1	-0.3	1.2	Black	Mixed	-13	1	3.0	22.8	-4.2	-4		
431	144	CH-190157	-0.4	1.2	4.0	1.6	-0.4	2.8	Black	Mixed	-1	1	3.2	22.4	-4.6	-11		
432	144	CH-190137	-0.4	1.2	4.3	1.8	-0.4	2.9	Black	Black	-25	2	3.3	22.6	-4.4	-5		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
433	145	212690	159	0.3	6.8	11.2	10.2	-9%	78%	2015	4.2	0.25	0.36	0.3	233%	2
434	145	212935	153	0.7	8.7	12.7	11.3	-12%	80%	2015	3.8	0.19	0.28	-1.0	167%	2
435	145	212713	159	0.5	6.0	11.6	9.5	-22%	51%	2014	4.3	0.21	0.31	0.5	250%	3
436	146	212790	150	0.5	8.4	10.8	9.3	-17%	83%	2016	3.3	0.15	0.2	0.1	167%	2
437	146	211770	160	0.5	5.4	9.8	7.5	-30%	72%	2015	3.0	0.24	0.43	0.4	167%	2
438	146	212098	157	0.5	9.1	13.4	13.7	2%	108%	2019	4.9	0.21	0.37	-0.3	200%	2
439	147	210602	160	0.6	10.2	14.9	15.8	6%	127%	2017	5.3	0.17	0.29	0.4	100%	2
440	147	212991	153	0.7	10.3	14.7	16.5	11%	68%	2019	5.3	0.17	0.26	0.3	100%	2
441	147	210847	156	0.5	8.4	12.7	13.2	4%	97%	2013	3.5	0.24	0.4	0.5	250%	3
442	148	210774	157	0.9	9.7	12.9	12.4	-4%	70%	2017	4.1	0.24	0.44	-0.4	233%	3
443	148	212962	159	0.6	9.0	14.3	13.3	-8%	59%	2016	5.5	0.20	0.25	-0.3	120%	2
444	148	212288	145	0.7	10.0	12.9	13.8	7%	76%	2015	3.7	0.14	0.2	0.1	220%	3
445	149	211387	155	0.5	9.9	13.6	14.8	9%	142%	2019	5.4	0.18	0.32	-0.1	200%	2
446	149	213234	154	0.7	8.8	13.5	12.4	-9%	65%	2016	4.5	0.14	0.33	-0.2	133%	2
447	149	212592	156	0.6	9.5	13.9	12.5	-11%	72%	2019	4.3	0.15	0.26	0.1	100%	2
448	150	213235	152	0.7	9.2	13.8	12.9	-7%	65%	2016	4.5	0.15	0.34	-0.2	133%	2
449	150	210965	162	0.3	8.4	12.7	13.4	5%		2019	4.7	0.27	0.34	-0.1	200%	2
450	150	212182	149	0.5	7.4	12.9	11.9	-8%	33%	2017	5.0	0.09	0.26	-0.5	100%	2
451	151	212874	157	0.6	9.3	13.7	12.7	-7%	64%	2019	5.1	0.17	0.23	-0.8	100%	1
452	151	210572	145	0.4	7.4	11.5	12.9	11%	97%	2019	4.4	0.17	0.3	-0.9	250%	2
453	151	211918	159	0.4	7.7	11.0	10.0	-10%	116%	2013	4.6	0.26	0.41	0.4	200%	2
454	152	212663	157	0.7	7.5	12.3	9.6	-28%	96%	2015	5.1	0.25	0.44	0.8	180%	2
455	152	212097	154	0.5	9.3	13.3	13.0	-2%	108%	2019	4.8	0.21	0.37	-0.3	200%	2
456	152	211982	146	0.6	7.7	11.4	12.1	5%	75%	2012	4.0	0.18	0.28	0.1	200%	3
457	153	211910	160	0.7	8.8	12.3	10.2	-21%	72%	2017	3.8	0.30	0.39	-1.4	200%	2
458	153	212174	155	0.6	7.2	10.9	9.9	-11%	53%	2012	4.0	0.19	0.37	-0.1	150%	2
459	153	210472	157	0.1	5.4	9.4	7.1	-32%	67%	2016	4.1	0.23	0.49	-0.1	125%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intramuscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
433	145	CH-202127	-0.2	2.0	4.9	2.4	-0.6	1.5	Black	Mixed	-8	1	3.3	16.4	-10.6	-10	2	
434	145	CH-190137	-0.4	1.2	5.2	2.1	-0.6	3.5	Black	Black	-41	3	3.0	24.1	-2.9	-9		
435	145	CH-191418	-0.3	1.4	4.0	2.1	-0.7	0.9	Black	Mixed	-21	2	3.7	20.3	-6.7	12		
436	146	CH-190137	-0.2	1.3	4.9	2.1	-0.2	2.3	Black	Mixed	-43	2	2.8	27.2	0.2	-11	2	
437	146	CH-191280	-0.3	1.5	3.8	2.5	-0.5	2.1	Black	Black	-50	1	3.8			1		
438	146	CH-201915	-0.3	1.4	5.0	1.9	-0.6	4.3	Striped	Mixed	-33	3	3.0	21.1	-5.9	-11		
439	147	CH-190137	-0.5	1.7	5.4	2.6	-0.9	4.2	Striped	Mixed	-49	2	3.1	33.5	6.5	2		
440	147	CH-190137	-0.5	1.2	5.1	2.2	-0.6	3.7	Striped	Mixed	-32	3	3.0	26.3	-0.7	-8		
441	147	CH-202707	-0.9	0.5	4.5	1.7	-0.6	5.2	Striped	Mixed	-39	4	4.0	29.6	2.6	13		
442	148	CH-190333	-1.2	0.5	4.8	1.1	-0.7	4.2	Striped	Mixed	-45	3	4.3	25.4	-1.6	7		
443	148	CH-190137	-0.6	1.5	5.1	2.5	-0.5	2.4	Striped	Mixed	-33	1	2.8	30	3	-4		
444	148	CH-190137	-1.0	0.7	5.5	1.6	-0.8	5.7	Striped	Mixed	-31	3	4.2	29.4	2.4	-2		
445	149	CH-190137	-0.4	1.7	5.3	2.0	-0.6	4.9	Striped	Mixed	-40	2	3.5	35	8	-5		
446	149	CH-190333	-0.7	0.8	4.8	1.8	-0.7	4.7	Striped	Black	-59		3.5			10		
447	149	CH-190137	-0.2	1.5	5.4	2.6	-0.7	5.4	Striped	Mixed	-29	2	2.8	29.2	2.2	-11		
448	150	CH-190333	-0.9	0.3	4.7	1.5	-0.7	5.1	Striped	Mixed	-47	4	3.5	22.5	-4.5	14		
449	150	CH-181487	-0.4	1.5	4.6	1.7	-0.9	6.5	Striped	Mixed	-47	3	3.8	29.6	2.6	12		
450	150	CH-190773	-0.7	1.4	4.4	2.5	-0.5	1.7	Striped	Mixed	-27	3	3.2	21.3	-5.7	11		
451	151	CH-190137	-0.1	2.1	5.6	2.5	-0.8	4.3	Striped	Mixed	-41	2	2.3	25.6	-1.4	-14		
452	151	CH-190333	-0.2	1.2	3.2	1.9	-0.1	1.4	Striped	Mixed	-41	3	3.2	25.1	-1.9	3		
453	151	CH-181487	-1.0	1.2	4.6	1.1	-0.7	4.6	Striped	Mixed	-7	1	3.7	27.5	0.5	10		
454	152	CH-201787	-0.7	0.8	4.4	1.5	-0.6	3.2	Striped	Mixed	55	1	4.0	22.9	-4.1	4		
455	152	CH-201915	-0.4	1.0	5.0	1.6	-0.6	4.8	Striped	Pink	-21	2	2.7	23.4	-3.6	-14		
456	152	CH-190137	-0.3	0.9	4.3	1.7	-0.5	3.4	Striped	Mixed	-34	3	3.0	29.3	2.3	-6		
457	153	CH-200718	-1.8	1.1	5.5	1.6	-0.6	3.6	Striped	Mixed	5		4.3			9	2	1
458	153	CH-201926	-0.1	1.5	3.9	1.9	-0.5	3.1	Striped	Mixed	-33	1	3.5	24.2	-2.8	7		
459	153	CH-180887	0.3	1.4	2.6	1.5	0.2	-0.1	Striped	Mixed	-18	2	3.8	25.1	-1.9	9		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
460	154	212847	186	0.7	12.0	18.2	15.6	-17%	196%	2018	6.7	0.30	0.48	-0.2	233%	3
461	154	213054	155	0.6	8.8	13.9	13.9	0%	82%	2018	5.2	0.14	0.32	-0.1	150%	1
462	154	212474	145	0.6	9.8	14.2	17.6	19%	70%	2016	4.6	0.16	0.22	-0.6	200%	2
463	155	210719	164	0.5	9.2	14.9	15.3	2%	63%	2019	5.3	0.28	0.31	-0.8	100%	1
464	155	212070	152	0.6	9.2	13.8	12.7	-9%	70%	2015	5.4	0.10	0.19	0.1	167%	2
465	155	210646	156	0.6	9.5	13.6	10.2	-33%	108%	2014	5.8	0.12	0.25	-0.3	233%	3
466	156	213056	160	0.5	7.2	11.7	10.3	-14%			0.0	0.31	0.47	-1.1		1
467	156	213886	150	0.5	7.8	11.0	13.1	16%	60%	2018	3.5	0.25	0.44	0.2	150%	1
468	156	211402	157	0.8	8.9	11.6	10.1	-15%	75%	2015	3.6	0.16	0.33	0.1	133%	2
469	157	210964	152	0.6	9.9	14.3	14.1	-1%	82%	2018	5.0	0.14	0.25	-0.3	150%	2
470	157	211049	159	0.3	7.6	11.0	11.3	2%	98%	2014	4.4	0.33	0.46	0.3	200%	3
471	157	211450	158	0.5	7.7	12.6	11.6	-9%	66%	2016	5.1	0.22	0.36	-0.1	250%	3
472	158	211678	154	0.2	5.7	10.2	9.9	-3%	54%	2016	4.0	0.27	0.42	0.6	150%	1
473	158	211409	158	0.5	6.7	9.7	6.7	-45%	85%	2012	2.9	0.27	0.52	-0.8	200%	2
474	158	211986	160	0.4	6.5	9.5	7.7	-23%	96%	2015	3.2	0.25	0.4	-0.4	250%	3
475	159	212759	179	1.0	11.4	17.2	16.0	-8%	96%	2016	5.4	0.28	0.48	1.5	200%	3
476	159	213000	182	0.8	9.8	14.8	10.7	-38%	85%	2019	5.3	0.31	0.53	-0.5	133%	2
477	159	213401	178	0.7	7.8	14.0	8.6	-63%	92%	2019	5.3	0.27	0.44	0.1	200%	2
478	160	210303	181	0.6	10.1	15.4	14.2	-9%	93%	2017	5.2	0.30	0.53	0.3	167%	1
479	160	211295	168	0.7	8.8	12.8	10.5	-23%	86%	2016	4.5	0.26	0.5	1.1	175%	2
480	160	213372	172	0.5	10.9	17.4	16.8	-4%	91%	2019	6.4	0.18	0.35	1.1	100%	2
481	161	213022	163	0.4	10.1	15.4	18.0	14%	96%	2020	6.4	0.26	0.39	0.0	100%	1
482	161	212186	171	0.7	10.7	14.6	13.3	-10%	75%	2017	5.0	0.27	0.51	-0.1	200%	3
483	161	212751	170	0.4	7.3	11.0	7.2	-54%	103%	2017	4.7	0.23	0.49	-0.2	200%	2
484	162	213488	176	0.3	8.2	14.8	13.1	-13%	81%	2020	5.9	0.27	0.51	-0.7	200%	2
485	162	210009	160	0.2	8.4	12.5	11.6	-7%	98%	2019	6.1	0.13	0.45	0.4	100%	2
486	162	210329	182	0.7	10.9	16.4	16.4	0%	95%	2018	5.6	0.37	0.57	0.3	175%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intramuscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
460	154	CH-180191	-1.6	1.7	6.8	3.3	-0.8	3.6	Striped	Mixed	-44	3	4.5	25	-2	18	2	1
461	154	CH-190333	-0.3	1.4	4.3	2.4	-0.6	3.2	White	Pink	-61	2	3.0	23.7	-3.3	-2		
462	154	CH-190137	-0.7	1.1	5.1	2.2	-0.6	3.4	White	Pink	-26	2	3.3	27.8	0.8	-3		
463	155	MB-160390	-0.9	0.9	4.4	1.8	-0.4	2.8	White	Pink	-44	3	2.8	22.2	-4.8	37	1	
464	155	CH-190773	-1.6	1.2	5.9	2.1	-0.9	4.0	White	Pink	-33	4	3.8	17.8	-9.2	9		
465	155	CH-190773	-1.5	1.1	6.1	2.0	-0.9	4.9	White	Mixed	-22	2	3.5	29	2	11		
466	156	CH-201787	-1.0	0.7	4.4	1.8	-0.6	2.6	White	Pink	-42	1	3.0	20.3	-6.7	-2	2	
467	156	CH-201915	-0.3	0.9	4.3	1.1	-0.7	4.5	White	Mixed	-33		3.7	21.8	-5.2	-9	2	
468	156	CH-201926	-0.6	1.5	5.1	1.5	-0.9	5.7	White	Pink	-32	1	3.8	36.7	9.7	14		
469	157	CH-190137	-0.8	1.3	5.5	2.1	-0.6	3.9	White	Mixed	-18	2	3.2	26.6	-0.4	0		
470	157	CH-190157	-0.3	0.9	3.3	1.9	-0.5	2.9	White	Pink	-6	2	3.5	23.3	-3.7	2	2	1
471	157	CH-202012	-0.4	1.4	4.7	2.3	-0.7	3.2	White	Pink	-23	1	3.2	22.6	-4.4	-7		
472	158	CH-190157	-0.2	1.1	3.3	1.8	-0.2	2.0	White	Pink	-22	3	3.0	21.1	-5.9	-5		
473	158	CH-191527	0.0	1.7	4.8	1.9	-0.6	1.8	White	Pink	-6		3.3			-20		
474	158	CH-191280	-0.1	2.0	3.9	2.5	-0.5	1.0	Striped	Mixed	-31	1	4.3	30.8	3.8	7		
475	159	CH-201479	-1.4	1.2	5.7	2.1	-0.5	0.7	Striped	Mixed	-30		3.5	24.4	-2.6	19	2	
476	159	CH-180191	-0.6	1.8	5.3	2.6	-0.7	4.0	White	Pink	-29		4.0	27.1	0.1	17		
477	159	CH-202537	-0.5	1.8	5.6	2.3	-1.0	4.5	White	Pink	-40		3.5	23	-4	8		
478	160	CO-192507	-0.6	2.5	6.4	2.9	-0.8	4.1	Black	Black	-58	3	3.2	29.8	2.8	0		
479	160	CH-201787	-0.7	1.2	5.2	1.9	-0.8	5.2	Black	Mixed	-21	2	3.5	27.6	0.6	3		
480	160	CH-201490	0.2	1.7	4.3	3.0	-0.2	2.0	Black	Mixed	-36		3.8	27.7	0.7	19	2	
481	161	CH-180689	0.4	2.6	5.4	2.7	-0.9	3.3	Black	Mixed	-14		2.3	19.5	-7.5	-27	2	1
482	161	CH-201790	-1.1	1.8	6.1	1.8	-0.8	3.7	Black	Black	-6		3.3	32.2	5.2	12		
483	161	CH-202012	-0.2	2.7	5.4	2.7	-0.9	4.0	Black	Black	-35	2	3.2	28.6	1.6	-6		
484	162	CH-202574	0.1	2.3	4.5	3.0	-0.4	1.4	Black	Mixed	-60	1	3.5	27.6	0.6	12	2	
485	162	IN-190281	-0.2	2.5	4.6	2.0	-0.6	1.9	Black	Black	-32		4.3	35.8	8.8	-1	2	
486	162	CO-192507	-1.2	1.8	6.5	2.6	-0.8	3.8			-54		3.8	31.2	4.2	-2		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
487	163	211289	177	0.6	10.9	17.4	15.5	-13%	94%	2018	5.8	0.15	0.43	1.4	167%	2
488	163	210628	161	0.8	8.7	13.1	11.5	-15%	62%	2018	4.3	0.20	0.35	-0.3	100%	1
489	163	210917	164	0.9	11.1	16.5	17.4	5%	83%	2018	6.0	0.24	0.39	-0.4	233%	2
490	164	210131	175	0.3	9.0	15.2	14.9	-2%	78%	2017	6.2	0.32	0.54	-0.8	233%	3
491	164	211593	170	0.8	9.9	14.8	13.0	-14%	78%	2013	5.6	0.23	0.37	0.4	216%	3
492	164	213365	177	0.6	10.3	16.5	13.7	-21%	82%	2015	4.8	0.24	0.45	0.8	150%	2
493	165	211559	172	0.7	8.1	12.7	8.2	-55%	69%	2013	5.0	0.25	0.44	-0.4	133%	1
494	165	213831	164	0.4	9.5	14.7	14.7	0%			5.8	0.29	0.42	-0.6		1
495	165	212102	180	0.6	9.0	13.8	9.2	-50%	114%	2019	5.1	0.24	0.5	1.0	200%	2
496	166	210718	173	0.5	8.7	13.1	13.3	1%	93%	2016	4.3	0.30	0.54	0.9	160%	1
497	166	210839	170	0.3	10.5	16.6	15.9	-4%	61%	2018	6.6	0.19	0.37	0.2	100%	2
498	166	211098	171	0.3	8.3	12.9	11.5	-12%	94%	2017	4.9	0.28	0.48	0.0	133%	2
499	167	213685	167	0.5	9.9	13.4	11.7	-15%	52%	2020	4.1	0.24	0.38	0.1	100%	1
500	167	211462	178	0.6	7.8	13.6	11.4	-19%	97%	2017	5.4	0.32	0.63	-0.1	167%	2
501	167	211482	172	0.9	9.8	14.5	10.9	-32%	63%	2018	4.3	0.17	0.35	-0.1	125%	1
502	168	213294	150	0.5	8.8	13.4	15.5	13%	96%	2019	0.0	0.16	0.18	0.0	200%	1
503	168	212848	155	0.4	9.7	13.6	15.9	14%	196%	2018	0.0	0.23	0.43	-0.7	233%	3
504	168	213174	158	0.4	9.2	13.3	15.3	13%	103%	2019	5.5	0.33	0.42	-0.2	200%	2
505	169	212704	158	0.5	7.8	12.6	10.1	-25%	87%	2013	4.7	0.17	0.4	0.5	150%	2
506	169	212498	143	0.6	8.3	12.3	13.5	9%	69%	2016	4.5	0.14	0.26	0.6	200%	2
507	169	210526	153	0.6	9.3	14.2	12.5	-13%	96%	2014	5.4	0.02	0.14	1.3	120%	2
508	170	213626	159	0.8	10.9	14.0	13.8	-1%	56%	2020	4.5	0.26	0.38	-0.1	150%	2
509	170	212560	160	0.6	8.7	13.6	13.6	0%	64%	2016	4.3	0.30	0.44	-0.6	200%	3

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intramuscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
487	163	CH-202023	-0.1	2.3	6.3	3.4	-0.9	3.7	Striped	Mixed	-42	2	3.7	32.1	5.1	10		
488	163	CH-191280	-0.2	1.5	4.0	2.5	-0.5	2.7	Striped	Mixed	-35	5	4.2	26.5	-0.5	12		
489	163	CH-190333	-0.9	0.9	5.1	2.1	-0.7	4.1	Striped	Mixed	-50		3.5	24.2	-2.8	10		
490	164	CH-180887	0.9	2.1	3.6	2.6	0.2	1.3	Striped	Mixed	-35	3	3.5	32.9	5.9	8		
491	164	CH-180191	-1.2	1.5	5.5	2.1	-0.6	2.7	Striped	Mixed	-41	2	3.3	24.1	-2.9	14		
492	164	CH-181487	-0.9	1.3	6.4	2.5	-0.8	6.1	Striped	Mixed	-34	3	3.7	25.3	-1.7	17		
493	165	CH-202246	-0.4	2.2	5.0	2.3	-0.8	2.3	Striped	Mixed	11	3	3.5	24.1	-2.9	14		
494	165	CH-190709	-0.3	1.5	4.9	2.3	-0.4	1.9	Striped	Mixed	-14		3.2	24.8	-2.2	-11	2	
495	165	CH-202520	-0.2	2.0	5.6	2.2	-0.8	4.7	Striped	Black	-58	3	3.7	29.7	2.7	12		
496	166	CO-192507	-0.7	2.4	5.6	2.4	-0.8	3.8	White	Pink	-45	3	3.0	28.7	1.7	-2		
497	166	CH-201897	0.2	2.3	5.5	3.0	-0.8	4.4	White	Mixed	-42		3.0	26.7	-0.3	-5		
498	166	CH-201939	0.2	2.1	4.1	2.3	-0.3	1.5	White	Pink	-47	4	3.2			6		
499	167	CH-201897	-0.4	2.4	6.5	2.6	-0.8	4.3	White	Pink	-19	4	3.2	24.9	-2.1	-19	2	1
500	167	CH-201479	0.4	2.3	4.0	2.6	-0.5	-0.7	White	Pink	-24	4	3.7	22.6	-4.4	10		
501	167	CH-201926	-0.2	2.2	5.2	2.6	-0.8	4.1			-34	1	4.5	40.3	13.3	26		
502	168	CH-190137	-0.6	1.3	4.5	2.3	-0.4	1.8	Striped	Mixed	-51		2.8	23.6	-3.4	4	2	1
503	168	CH-191527	-0.6	1.5	4.9	2.1	-0.5	2.4	Striped	Mixed	-8	4	4.0	30.2	3.2	1		
504	168	CH-190157	-0.6	1.0	4.0	1.8	-0.3	3.7	Striped	Mixed	5	1	3.0	22.1	-4.9	-1		
505	169	CH-190333	-0.8	1.0	4.8	1.8	-0.6	3.2	Striped	Mixed	-44		3.5	21.7	-5.3	-1		
506	169	CH-190137	-0.5	0.7	4.6	1.5	-0.4	2.7	Striped	Black	-25		3.3	32	5	-8		
507	169	CH-190773	-0.6	1.9	5.3	2.6	-0.6	3.6	Striped	Mixed	-17	3	3.5	30.5	3.5	7	2	
508	170	CH-202868	-0.8	0.4	5.0	1.0	-0.6	5.3	Striped	Mixed	-22	3	3.8	27.3	0.3	9	2	1
509	170	CH-190157	-0.6	0.8	4.4	1.8	-0.4	3.8	White	Pink	-2		4.3	30.5	3.5	9		

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS (CLOVEN HILLS X WHITE SUFFOLK, CLOVEN HILLS X MERINO)

LOT	PEN	TAG ID	Maternal Carcase Production Index MCP+	Birth Weight (BWT)	Weaning Weight (WWT)	Post Weaning Weight (PWWT)	Adult Weight (AWT)	Growth after post weaning (AWT-PWT)	Stocking Rate Dam Efficiency (%) (kg lambs weaned per kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Weaning Rate (WR)	Yearling Weaning Rate (YWR)	Maternal Weaning Weight Milk (MWWT)	Average Dam Weaning %	Birth Type
510	171	210476	162	0.8	12.5	16.6	18.0	8%	77%	2019	5.1	0.14	0.37	-0.5	150%	2
511	171	210378	163	0.8	11.1	14.8	15.4	4%	105%	2018	4.0	0.13	0.32	0.3	200%	2
512	171	210494	167	0.5	10.9	17.5	17.3	-2%	96%	2019	5.8	0.12	0.26	-0.4	100%	2
513	172	210094	170	0.5	9.0	14.0	10.3	-36%		2018	4.8	0.18	0.42	-1.8		3
514	172	210557	157	0.6	11.0	14.7	16.9	13%	67%	2019	4.4	0.09	0.31	-1.1	100%	1
515	172	210210	177	0.8	11.8	16.6	13.0	-28%	96%	2019	5.4	0.19	0.44	-1.1	100%	2
516	173	210206	168	0.3	8.5	13.5	12.6	-7%	153%	2019	4.1	0.20	0.35	-0.9	300%	3
517	173	210711	153	0.5	9.2	12.8	14.0	9%	76%	2014	4.5	0.09	0.26	-0.5	117%	1
518	173	210486	159	0.6	10.9	14.2	14.0	-2%	108%	2018	4.3	0.15	0.29	0.1	200%	2
519	174	210093	168	0.7	10.9	16.4	16.7	2%		2018	5.4	0.20	0.41	-0.7		3
520	174	210207	167	0.4	10.2	15.7	16.5	5%	153%	2019	5.1	0.21	0.32	-0.6	300%	3
521	175	210678	166	0.3	7.8	11.9	11.3	-5%		2018	4.0	0.29	0.29	0.2		1
522	175	210720	171	0.4	9.1	14.3	12.7	-12%	62%	2019	4.7	0.26	0.32	-0.2	100%	1
523	175	210567	156	0.6	9.2	13.3	16.1	17%	84%	2018	4.0	0.28	0.36	-0.4	100%	2
524	176	210726	155	0.5	8.3	13.2	14.5	9%	111%	2017	4.9	0.28	0.26	-0.3	250%	3
525	176	210561	158	0.4	7.2	13.2	14.2	7%	80%	2018	4.7	0.31	0.32	-0.4	150%	2
526	176	210506	158	0.4	8.3	13.9	15.7	11%	96%	2019	4.8	0.28	0.28	-0.8	100%	2
527	177	210766	169	0.4	10.1	15.6	14.7	-6%	82%	2018	5.0	0.31	0.32	-0.3	200%	3
528	177	210194	167	0.6	9.9	14.5	14.0	-3%	114%	2019	4.6	0.31	0.3	-0.7	200%	2
529	177	210195	166	0.5	9.7	14.8	14.7	-1%	114%	2019	5.0	0.31	0.3	-0.7	200%	2
530	178	210560	162	0.5	7.9	13.4	13.3	-1%	80%	2018	4.6	0.31	0.32	-0.4	150%	2
531	178	210374	145	0.2	5.8	10.9	11.9	9%	76%	2019	0.0	0.23	0.19	0.0	200%	4
532	178	210233	151	0.4	8.2	14.2	18.6	23%	104%	2019	4.3	0.26	0.21	-1.6	200%	2

CLOVEN HILLS 2022 RAM SALE LOT LISTINGS (CLOVEN HILLS X WHITE SUFFOLK, CLOVEN HILLS X MERINO)

LOT	PEN	SIRE	Fat Depth (PFAT)	Eye Muscle Depth (PEMD)	Lean Meat Yield (LMY)	Dress (%)	Intramuscular fat (IMF)	Shear Force (5 days)	Foot Colour	Nose Colour	Worm Egg Count (PFEC)	Dag Score	Wool Score	Mic Ave	Mic Dev	YGFW	Geno-typed	Myostatin GDF8 No. of copies
510	171	WO-173980*	-0.8	2.3	6.7	1.9	-0.6	3.1	Black	Mixed	-38	1	3.3	27.2	0.2	-6	2	
511	171	WO-173980*	-0.7	2.4	6.6	1.9	-0.6	4.0	Black	Black	-69	4	3.5	25.5	-1.5	1		
512	171	WO-173980*	-0.3	2.9	6.6	2.9	-0.6	3.2	Black	Mixed	-59	1	2.8	32.8	5.8	-12	2	
513	172	WO-173980*	-0.4	2.7	5.9	2.2	-0.5	1.3	Black	Black	-58	1	3.3	27.3	0.3	-4	2	1
514	172	WO-173980*	-1.0	3.3	7.4	2.3	-0.7	3.2	Striped	Mixed	-51	2	3.2	27.2	0.2	-9	2	1
515	172	WO-173980*	-0.8	2.6	7.4	2.2	-0.7	4.2	Striped	Pink	-60		3.0			-10	2	1
516	173	WO-173980*	0.3	3.2	5.5	3.0	-0.3	0.1	Striped	Mixed	-75	1	3.5	27.2	0.2	-15	2	
517	173	WO-173980*	-0.1	2.6	5.1	1.9	-0.1	0.9	White	Pink	-67	1	3.0	32	5	-11		
518	173	WO-173980*	-0.7	1.7	5.9	1.3	-0.4	4.5	White	Pink	-66		3.3	26	-1	-9		
519	174	WO-173980*	-0.5	2.3	6.0	2.2	-0.5	2.9	White	Pink	-62	2	3.3	24.1	-2.9	-7	2	1
520	174	WO-173980*	-0.3	2.7	6.3	2.8	-0.5	2.4	White	Pink	-64	1	2.7	22.7	-4.3	-19	2	
521	175	AN-160390**	-0.3	1.8	4.0	2.4	-0.3	0.9	Striped	Mixed	-33	3	2.8	20.5	-6.5	23	1	1
522	175	AN-160390**	-0.7	1.6	4.8	2.2	-0.5	1.8	White	Pink	-40	3	3.2	22.8	-4.2	38	1	1
523	175	AN-160390**	-1.1	0.3	3.9	1.2	-0.3	2.6	White	Pink	-51	1	3.0	20.5	-6.5	42		
524	176	AN-160390**	-1.2	0.2	3.6	1.3	-0.3	1.3	White	Pink	-38	2	2.8	20.4	-6.6	45		
525	176	AN-160390**	-0.9	0.3	3.1	1.5	-0.1	-0.9	White	Pink	-44	1	3.2	18.9	-8.1	34	1	
526	176	AN-160390**	-1.0	0.9	3.9	1.8	-0.4	1.7	White	Pink	-33	3	3.0	22.6	-4.4	38	1	
527	177	AN-160390**	-1.2	0.7	5.1	2.2	-0.4	2.3	White	Pink	-32	1	2.8	22.1	-4.9	31	1	
528	177	AN-160390**	-1.2	1.1	5.3	1.8	-0.6	3.0	White	Pink	-35	3	3.2	20.8	-6.2	28	1	
529	177	AN-160390**	-0.9	1.1	4.8	2.0	-0.6	2.5	White	Pink	-33	4	3.2	21.8	-5.2	25	1	
530	178	AN-160390**	-1.0	0.4	3.6	1.5	-0.2	-0.2	White	Pink	-44	3	3.2	18.2	-8.8	35	1	
531	178	AN-160390**	-0.5	0.8	2.8	2.0	0.1	-1.9	White	Pink	-38	1	2.8	17.4	-9.6	27		
532	178	AN-160390**	-0.6	0.9	3.1	2.2	-0.1	-0.1	White	Pink	-46	3	3.0	20	-7	36		

PLEASE NOTE:

* LOTS 510-520 ARE 50% WOOLUMBOOL WHITE SUFFOLK. ** LOTS 521-532 ARE 50% ANDERSON MERINO.

These animals were brought into our breeding program to get linkages across all databases (Merino and Terminal) and for specific traits, namely FEC, MEQ and wool, with a big focus on resilience. Nothing else in the catalogue has Merino in them. We are looking to keep the female progeny to infuse particular traits and so the rams are surplus to our breeding requirements.



EXPLANATION OF INFORMATION

“ Cloven Hills have adopted the MCP+ index which targets self replacing systems where fertility and growth are the main priorities. It increases PWWT by 3.1kg without increasing AWT. The new M\$ Index increases PWWT by 3.9kg but it also increases AWT by 3.5kg. This is over a 10 year period using average indexes but would be a greater increase in a shorter time using higher indexing animals. ”

Percentile bands for Maternal ASBVs are included. These are the best way to determine where an animal's individual trait compares to the entire breed using LAMBPLAN for the 2021 Drop.

ASBV DESCRIPTIONS

ASBV	Meaning	DESCRIPTIONS
BWT	Birth weight	Rams with a more negative BWT produce lambs which are lighter at birth. Benefit- join ewe lambs/maidens to lower BWT values for birthing ease.
WWT	Weaning weight	Rams with a more positive WWT will produce lambs that grow quicker @ 100 days. Benefit - more trade suckers off mum.
PWWT	Post weaning weight	Rams with a more positive PWWT will produce lambs that grow quicker @ 225 days.
AWT	Adult weight	Rams with a higher value will produce progeny with higher adult weights.
PFAT	Post weaning fat depth	Rams with a more negative PFAT produce progeny that are leaner.
PEMD	Post weaning eye muscle depth	Rams with a more positive EMD have more muscle and yield more lean meat.
SF5	Shear Force	Shear force is a measure of the force or energy required to cut through the loin muscle of a lamb after 5 days of ageing. Rams with more negative SF5 produce lambs with more tender meat.
LMY	Lean Meat Yield	Rams with more positive LMY produce lambs that have higher lean meat yield percentage at slaughter.

ASBV	Meaning	DESCRIPTIONS
PWEC	Post weaning worm egg count	Rams with a more negative WEC have a higher genetic potential to resist worms.
PSC	Post weaning scrotal circumference	Rams with more positive SC produce more fertile daughters.
WR	Weaning rate	Rams with a more positive WR will produce daughters that wean a high number of lambs per ewe joined.
YWR	Yearling Weaning Rate	Rams with a more positive WR will produce daughters that wean a higher number of lambs per ewe joined as yearlings.
MWWT	Maternal weaning weight	Rams with more positive MWWT will produce daughters that wean heavier lambs. This is sometimes called "Milk" as it is an estimate of the female's progeny's potential for, milk production and ability to provide a better maternal environment.
DRESS	Dressing Percentage	Rams with more positive dressing percentage produce lambs that have higher Lean Meat Yield percentage at slaughter.
IMF	Intramuscular Fat	Intramuscular fat is a measure of the chemical fat percentage in the loin muscle of a lamb and is often referred to as marbling. Rams with more positive IMF will have higher levels of intramuscular fat.



EXPLANATION OF INFORMATION cont.



	Number	MCP+	BWT	WWT	PWT	AWT	PEMD	LMY	PFAT	PWEC	YWR	WR	PSC	MWWT	IMF	SHEARF5
50 th PERCENTILE BAND		142	0.5	7.9	11.7	12.7	0.1	4.1	-0.5	-34.5	0.36	0.14	3.8	0.29	-0.4	3.3
CLOVEN HILLS 2022 Sale Catalogue (ave)	532	170	0.6	9.2	14.1	12.1	1.8	5.3	-0.5	-37	0.44	0.25	5.1	0.2	-0.7	3.5
CLOVEN HILLS 2021 Sale Catalogue (ave)	500	165	0.5	10.1	16.1	13.8	1.9	6	-0.4	-29			6.1	0.1	-0.7	3.3
CLOVEN HILLS 2020 Sale Catalogue (ave)	334	157	0.5	9.8	15.2	13.7	1.7	5.8	-0.6	-14			5.2	-0.1	-0.6	4.1
CLOVEN HILLS 2019 Sale Catalogue (ave)	250	153	0.5	9.6	15	14.3	1.5	5.3	-0.7	-16			4.9	-0.1	-0.6	4.2
Cloven Hills Accuracy Sale Drop (%)		51%	65%	70%	71%	64%	65%	61%	65%	52%	55%	46%	56%	55%	48%	51%
Heritability			10%	20%	25%	40%	35%	42%	25%	25%			40%	10%	50%	30%

NOTES ON LOT LISTINGS

Figures shaded black represent top 5% ASBVs.

Grey boxes with bolded numbers represent top 10% ASBVs.

Grey boxes represent top 20% ASBVs.

Shaded Sires of rams are in the top 150 Sires in the maternal database.

BWT ASBVs of 0.4 or less (shaded grey), are generally suitable for ewe lambs/young ewes. We use 0.4 without any trouble (over ewe lambs that grow to a mature weight of 65kg). However 0.3 and less is desirable if you have smaller framed ewes.

More efficient ewes are better for increasing stocking rates. Stocking rate efficiency of the dam is calculated using Cloven Hills raw data. For the lifetime of the ram's dam, we have put the average kg she has weaned as a percentage of her body weight.

Similarly we have also given the average percentage of lambs the ram's dam has weaned for her lifetime. This is also Cloven Hills raw data, and we have included the dam's birth year. For younger ewes it will be less accurate.

This year we have DNA tested 26% of the 2021 drop rams.

All 2018, 2019 and 2020 ewes are genotyped plus 43% of 2021 ewes and some of the 2016 and 2017 ewes.

We have also included a column to indicate which of the tested rams have the GDF8 gene for muscling. Some rams have one copy and some have 2 copies. If you are wanting to increase lean meat yield this may be of interest.

Wool:

The wool score is the average of 3 scores taken. 1 = Downsy, 5 = Open. For a self replacing flock 2.5-3.5 is ideal.

For ewes 3.5 is preferred to ensure fleece weight, openness and easy care. An ideal lamb pelt is 2.5.

Wool Micron:

Micron was collected from the mid-side at post-weaning age. Micron varied from 24µm to 43µm with an average micron of 33.1µm. Raw micron and deviation from average are displayed. These measurements will be entered into Sheep Genetics to create ASBVs for the future.

Dag Score:

1 = Clean 2 = Minor 3 = Moderate 4 = Dirty 5 = Very Dirty

Abbreviations:

CH = Cloven Hills, CO = Cashmore Oaklea, WO = Woolumbool, AN = Anderson, LP = Lambpro, IN = Inverbrackie

In this drop there has been a strong focus on outcross of sires within the Cloven Hills sire team that aren't related to CH 170188 to ensure genetic diversity.

Weaning Rate (WR):

Weaning rate (WR) is defined as the number of lambs weaned per ewe joined, and is expressed in the units of 'lambs'. It is replacing number of lambs weaned (NLW).

Weaning rate is calculated using the component traits conception (CON), litter size (LS) and ewe rearing ability (ERA) by accounting for the economic value on each of these traits at different flock litter sizes.

For example, consider two rams, one with a WR ASBV of 0 and the other with a WR of 0.5. As rams make up half the genetic merit of their progeny, the ram with a WR of 0.5 will have daughters who on average wean 0.25 more lambs per ewe joined, than the daughters of a ram with a WR of 0.

ASBVs:

The ASBVs in this catalogue are based on the Sheep Genetics run from the 1st September 2022.



MATERNAL PERCENTILE BANDS - FOR 2021 DROP ANIMALS



	MCP+	BWT	MWWT	WWT	PWT	AWT	YWT	PEMD	PFAT	PWEC	YGFW	YWR	WR	PSC	DRESS	LMY	IMF	SHEAR F5	
Top 1%	181.9	-0.06	2.15	11.7	17.3	19.5	18.9	3.1	1.3	-80.4	28.1	0.65	0.36	6.5	4	7	0.25	-1.16	Top 1%
Top 5%	174	0.11	1.63	10.6	15.8	17.4	17.1	2.5	0.7	-69.5	23.9	0.58	0.31	5.8	2.7	6.2	0.10	0.11	Top 5%
Top 10%	169.1	0.19	1.32	10.1	14.9	16.4	16.1	2.2	0.4	-62.5	21.3	0.54	0.28	5.4	2.4	5.8	0.01	0.77	Top 10%
Top 20%	161.7	0.28	0.95	9.4	13.9	15.2	15.0	1.8	0.1	-53.4	17.6	0.48	0.25	4.9	2.1	5.0	-0.11	1.59	Top 20%
Top 30%	155.2	0.35	0.7	8.9	13.1	14.3	14.2	1.5	-0.2	-46.9	13.1	0.43	0.21	4.5	1.9	4.8	-0.20	2.22	Top 30%
Top 40%	148.8	0.41	0.49	8.4	12.4	13.5	13.5	1.3	-0.4	-40.9	8.7	0.40	0.18	4.2	1.7	4.5	-0.28	2.77	Top 40%
Top 50%	141.6	0.47	0.29	7.9	11.7	12.7	12.8	1.0	-0.5	-34.5	5.5	0.36	0.14	3.8	1.5	4.1	-0.36	3.25	Top 50%
Top 60%	135.9	0.53	0.1	7.3	10.8	11.9	11.9	0.7	-0.7	-27.8	2.9	0.33	0.11	3.4	1.3	3.7	-0.45	3.69	Top 60%
Top 70%	129.6	0.59	-0.12	6.5	9.8	10.9	10.9	0.4	-1.0	-20.6	0.2	0.30	0.08	3.0	1	3.0	-0.54	4.12	Top 70%
Top 80%	123.7	0.66	-0.38	5.5	8.4	9.7	9.4	0.1	-1.1	-12.5	-2.9	0.26	0.04	2.5	0.7	2.1	-0.66	4.62	Top 80%
Top 90%	114.3	0.73	-0.76	4.3	6.6	8.0	7.4	-0.3	-1.39	-0.3	-7.7	0.20	-0.01	1.9	0.4	1.4	-0.8	5.27	Top 90%

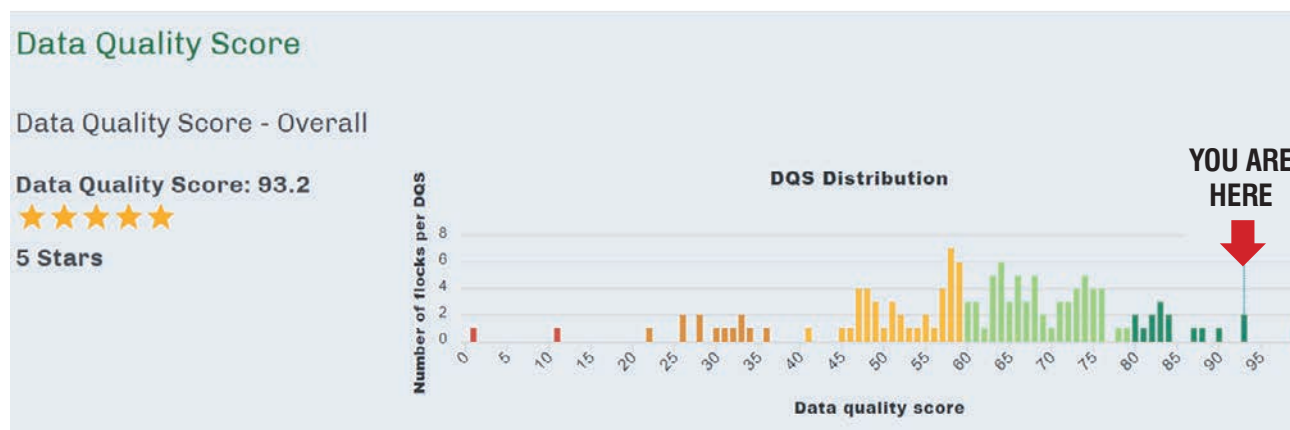
THERE ARE ASBVs AND THERE ARE ASBVs!

By Dr Tom Granleese

ASBVs are the solution of a mathematical equation where an estimate of the true genetic merit of an animal is calculated for a given trait. Performance = Genetics + Environment. These mathematical equations do an excellent job of minimising the “white noise” (environment) out of performance. Capturing white noise comes at an expense. This includes birth type and rear type, management grouping, age of dam, age of lamb, full cohort submission etc. Once as much white noise is accounted for, we can then use performance on an individual and relative as well as pedigree (genomic and/or declared) to then estimate a breeding value.

ASBVs can be estimated by not declaring different management groups or collecting some pedigree. However, there is extra bias in these ASBVs as they begin to come hard to trust particularly on animals who do not have progeny recorded. The Animal Genetics and Breeding Unit (AGBU) who are responsible for calculating ASBVs developed a Data Quality Score (Guy et al. 2021) as benchmarked against all other breeders in each analysis. Sheep Genetics released these scores for each breeder in May 2022.

Cloven Hills have a Data Quality score of 5 stars or in the 93rd percentile in the analysis (Figure 2). That ranks them second best. Given Cloven Hills are recording over 3500 progeny annually, this is no mean feat! At sale time you can be confident that the utmost care has been made so the data can contribute to the best possible estimate of an animal's true genetic merit.



Screenshots of Sheep Genetics Data Quality Score for Cloven Hills (July 2022 analysis)

SHEEP GENETICS

Weaning rate replacing the old number lambs weaned

Recently, Sheep Genetics, as part of their database upgrade have used science to improve the estimation of genetic merit of a ewe's ability to wean a lamb(s). The old breeding value for this was the number of lambs weaned (NLW) ASBV. The breeding value for NLW has now been replaced with the weaning rate (WR) ASBV. [Swan and Bunter \(2021\)](#) demonstrated that weaning rate is an improvement on NLW which can lead to more targeted genetic improvement for weaning more lambs. Weaning rate (like NLW) is a sub-index. The weaning rate ASBV is a sub-index with economic weightings on conception (CON), litter size (LS) and ewe rearing ability (ERA) ASBVs. Weaning rate essentially reaches the same outcome as NLW, but with more accuracy and allows more genetic improvement.

How does weaning rate ASBVs compare with number of lambs weaned ASBVs?

Table 2 below displays percentiles from pre analysis

Table 2: Percentile table for MCP+ index, YNLW, NLW from December 2021 and MCP+, YWR and WR from July 2022 for maternal database 2021 drop – source: Sheep Genetics

Percentile	MCP+_DEC21	MCP+_JULY22	YNLW_DEC21	YWR_JULY22	NLW_DEC21	WR_JULY22
Top 1%	168	175	0.30	0.64	0.24	0.38
Top 5%	159	159	0.24	0.57	0.20	0.33
Top 10%	154	156	0.21	0.53	0.17	0.29
Top 20%	146	150	0.17	0.47	0.14	0.26
Top 30%	141	143	0.14	0.43	0.12	0.22
Top 40%	137	136	0.12	0.39	0.10	0.19
Top 50%	133	131	0.10	0.36	0.09	0.15
Top 60%	129	125	0.08	0.33	0.07	0.11
Top 70%	125	116	0.06	0.30	0.05	0.08
Top 80%	121	107	0.04	0.26	0.03	0.05
Top 90%	114	103	0.01	0.21	0.00	0.00

enhancements and post-analysis enhancements. We can see there is much more variation in Yearling Weaning Rate (YWR) when comparing to the old YNLW. This is the same for mature NLW and WR. With more variation (larger extreme values), and similar economic weighting on the MCP+ index, we can observe that we also get more extreme valued percentiles in the new analysis.

When new breeding values are released or analysis enhancements are made, it is always a smart idea to refamiliarize yourself with the percentile table to give proper context of where an animal benchmarks across industry. With Sheep Genetics recently redeveloping the database, a tune up of percentile is highly recommended.

A further recommendation for ram buying clients is to do a stocktake on your current ram team. Have their ASBVs changed with the recent database upgrade? Are there any rams not aligning to your breeding objective? Are the rams you are short-listing going to progress your ram team average with your breeding objective in mind. [RamSelect.com.au](#) is an excellent tool to access updated breeding values on your ram team.



HOW THE SALE WILL OPERATE

OUR SALE WILL AGAIN BE STREAMED LIVE ON



THE ENTIRE SALE WILL BE RUN 'PICK OF THE PEN' – WHERE THE WHOLE PEN WILL BE OFFERED AND THEN SOLD AS A CHOICE OF TAKING A PARTICULAR LOT OR THE WHOLE PEN.

You can pre-enter your maximum bids for desired lots or individual rams or join the live bidding. You can also view our online catalogue, including photos and videos of each individual ram offered, prior to sale day.

PLEASE USE THE FOLLOWING CHECKLIST TO ENSURE YOU ARE SET UP CORRECTLY:

- ▶ **Register at least 48 hrs prior to the sale** (allowing time for the weekend of 2nd-3rd October and Public Holiday in NSW (Monday 4th October), when back-office support may be limited).
- ▶ Upgrade your account to buy livestock including:
 - PIC
 - ABN
 - Contact Details
 - Completing Buyer Induction (30 mins)
 - Scoring 100% in the Quiz
- ▶ View catalogue to evaluate rams:
 - <https://auctionsplus.com.au/auctions/sheep/cloven-hills-2021-ram-sale/76704>
- ▶ Set the Maximum Bid for the Lot you are interested in, if you intend to use the "Auto-bid" facility.

If you have any questions on sale day please call the Auctions Plus office on **02 9262 4222** or send an email to studsales@auctionsplus.com.au

Please don't hesitate to call Kate on 0409 784 340 if you have any other questions.

TO ENSURE YOU ARE BIDDING ON AND BUYING EXACTLY THE RAM OR RAMS YOU HAVE SELECTED, PLEASE TAKE A QUICK LOOK AT THE FOLLOWING SLIDES

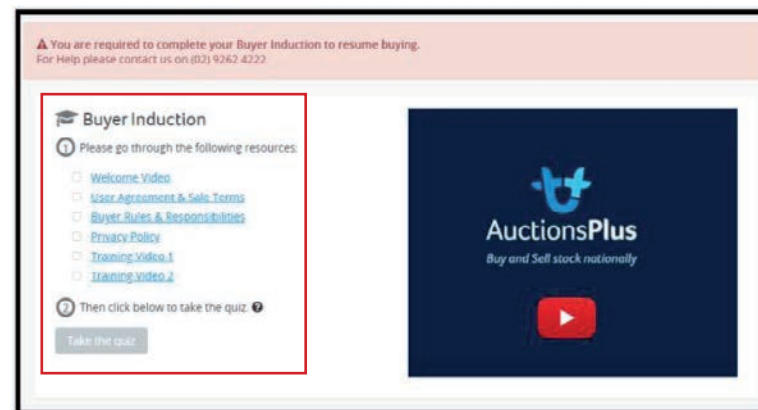
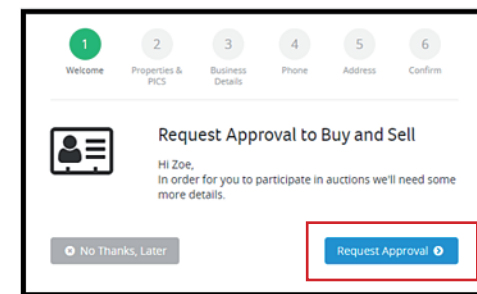
TO REGISTER:

Please note, you are required to sign up to AuctionsPlus and register to bid on this sale, at least 48 hrs before sale day, allowing time for the weekend of 1st-2nd October and Public Holidays in some states on Monday 3rd October.

1. Select 'Sign Up' to create an account
2. Fill in your details, create a password and press Sign Up
3. Confirm your account via an email from Auctions Plus (be sure to check your junk mail if doesn't appear within a few minutes).

Upgrading your Account to Buy Livestock

1. Select 'Dashboard'
2. Select 'Request Approval to Buy'
3. The pop-up on the right will appear, press '**Request Approval**' in blue.
4. Fill in the required details including PIC number, ABN and contact details.
5. Once you have reviewed and confirmed the details entered, you will be required to complete the 'Buyer Induction'. This is a mandatory step in registering as a livestock buyer, and you should allow at least 30 minutes to progress through the material.



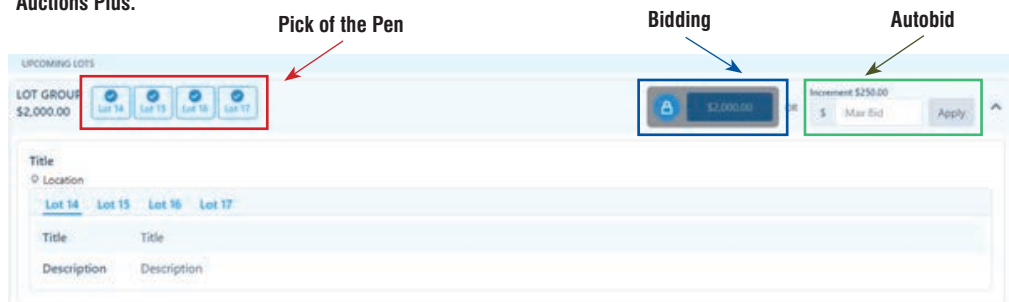
6. Once you have completed and 'ticked' all resources, you will be able to take the quiz. **You must achieve 100% on the quiz to be approved as a buyer.** If you get an answer(s) incorrect, you will be able to re-take the quiz.
7. Once you have completed the quiz, Auctions Plus will confirm your details and approve your registration. This can take up to **48 hours**, please contact Auctions Plus if there are any issues. The Auctions Plus team will contact you, if they detect any issues.

PICK OF THE PEN BIDDING

- ▶ Rams will be offered in Pens of 3 and sold as "Pick of the Pen".
- ▶ Once you are a fully registered bidder, you can make your selections once the auction is open.
- ▶ Information on each lot number is published on the website and you can view each ram by clicking on the lot number (highlighted in red, Figure 1)

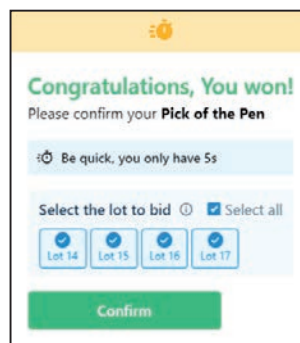


Figure 2. Screenshot highlighting areas for Pick of the Pen, placing a bid and using the Autobid facilities in Auctions Plus.



To make your selections, click on the lot numbers of the rams you would like to bid on

- ▶ To enable bidding, you MUST click on the padlock item, beside the blue price tag, to 'unlock' bidding (highlighted in blue, Figure 2).
- ▶ The current highest bid for the animal will appear in the blue price tag
- ▶ The required increment for bidding is listed to the right of that and you can enter your bids in the box, underneath that – you can enter your bids here, or enter a max. bid you are willing to pay for that animal.
- ▶ Your bid will be highlighted in green, if it is the highest bid, it will turn red, once you have been outbid
- ▶ **Once bidding ends, If you are the highest bidder you have 5 seconds to confirm your selection.**
 - You may select to purchase all Lots within the group/pen or make a selection.
 - **NOTE: If you do not select any lots within the 5 seconds all lots within the pen will be sold to you.**
- ▶ Once the selection has been made, the remaining lots within the pen shall be offered for sale.
- ▶ You will see throughout the sale which lots you have bought.



AUTO-BIDDING

An auto bid is placed after the auction has commenced, allowing you to set a maximum price on any lot(s) during the auction, to which the computer will then bid on your behalf.

The advantage of an auto bid, is that you can determine what the starting price is and then set your maximum price or, set the auto bid if the auction is still running.

We also recommend considering the use of an auto bid during an interfaced sequential auction. When a sale has a physical component as well, the lots can be sold very quickly and using an auto bid is the best way of enabling Auctions Plus to relay the bid to ensure it is accepted by the auctioneer.

Auctions Plus highly recommend that you watch the Auction to ensure your bids are on the correct increment, and that you are not outbid by another bidder.

An auto-bid does not guarantee you will be the successful bidder at your set price.

To place an auto bid;

1. Log in to Auctions Plus
2. Connect to the Auction
3. Find the Lot you are interested in
4. Use the Auto-bid box to type in your max. price (highlighted in green, Figure 2).
5. Click "Apply" to save.

(ensure you have read the full lot details before bidding)

****NOTE: Your auto bid only applies to the lot you have selected. It does not apply to any other lots. Moreover, your auto bid will only be successful if you win the Pick of the Pen at the first round of bidding - ie. your auto bid is no longer valid after the first round of bidding, even if your desired lot remains active in the pen. If successful, you will still need to confirm your selection with 5 seconds.**

SALE INFORMATION

SELLING AGENT

Nutrien Casterton, 13 Henty St, Casterton VIC 3311
Rick Smith 0447 770 339 | rick.smith@nutrien.com.au

3% Rebate to outside agents



SELLING METHOD

Rams auctioned in pens of 3.

Auction will be run "Pick of the Pen" 

FREE DELIVERY

Free delivery is available locally, SA (inc. Kangaroo Island), TAS, NSW, WA and other destinations by arrangement. **If you would like your rams delivered please call Kate Dorahy prior to the Auction to assist with smooth organisation of rams post sale.**

RAM SALE ASSISTANCE & INSPECTION

All rams presented on our OPEN DAY, Thursday 22nd September 2022.

Please let us know if we can assist with selection and short lists. Lunch provided.

SEMEN RIGHTS

Cloven Hills (T/A CM & CG Dorahy) retains the semen rights to all sale rams. Cloven Hills reserves the right to collect semen at their cost, from any ram sold, at a mutually convenient time. Clients may collect semen for their in-flock use only.

COVIDSAFE PROTOCOLS FOR CLOVEN HILLS RAM SALE & OPEN DAY

OUR OPEN DAY AND AUCTION WILL OPERATE IN ACCORDANCE WITH OUR COVIDSAFE PLAN – THE FULL PLAN IS AVAILABLE UPON REQUEST, BUT WE ASK GUESTS TO OBSERVE THE FOLLOWING BASIC PRINCIPALS, AS RECOMMENDED OR REQUIRED BY VICTORIAN HEALTH:

ATTENDEES MUST:

1. carry a face mask and wear it (indoor or outdoor) where you cannot physically distance
2. register immediately upon arrival
3. do not attend if feeling sick or unwell
4. adhere to physical distancing (1.5 metres)
5. cough and sneeze into tissue or elbow
6. practice good hand hygiene using the sanitising products available
7. use the designated rubbish bins for any wastes

Food and drink will be provided by accredited catering businesses according to their Covidsafe plans. AuctionsPlus provides an alternative for purchasing for people who are unable to attend.

WHAT OUR CLIENTS SAY

CLOVEN Hills' genetics is a permanent fixture at TA Field Estates' Aberfeldy property at Holbrook, New South Wales.

A self-replacing operation supplying large volumes of lamb to commercial processors, Aberfeldy runs around 10,500 ewes – 3000 first-cross and 7500 Composite ewes – maternally joining around 4500 Composite ewes, annually.

“We wanted to reduce the genetic and phenotypic variation in the ewes,” Aberfeldy manager, Rob Lindon said.

“We had growth and fecundity, now we need it on a moderate framed adult ewe that is structurally correct.

“We ran an in-house trial, bought a sample of 20 rams from three, high-indexing studs.

“While the other studs all performed well, in the progeny weaned onto the truck, the Cloven Hills rams produced a more consistent lamb, a really even line of offspring.”

From that trial, Cloven Hills continued to tick all the boxes for the Aberfeldy operation.

“Putting Cloven Hills rams over our ewes, we've been getting around 170 per cent scanning, weaning around 140,” Rob said.

“We're getting a more consistent and repeatable item, with evidence in the feedback from the processor to support it.

“While the yield varies through the growing season, the early stuff is 50, 51 per cent.”

One-on-one service for every Cloven Hills client is a priority to Kate and Chris, to ensure individual budgets and production needs are catered for – another ‘big tick’ for Rob and Aberfeldy

“Due to Covid we haven't been to Cloven Hills yet, but Kate, Chris and the kids have all been here, personally delivering our rams,” Rob said.

“Kate takes the time to talk about what we're seeing on the farm, what direction Cloven Hills is headed in terms of breeding objectives and how that might line up with our own production targets now and in the future.”

“We have plenty of discussions with Kate around selecting sires for our ewe base; with the emphasis Kate puts on structure and feet ... the extra work in measuring and collecting data, we end up with the results, on farm.

“There's less animal health requirements ... while the first-cross ewes are still very responsive to drenches, they're a fair way behind the Composites, we drench them a lot less than the first-crosses.

“We've got a lot of confidence in Cloven Hills data collection and results ... it just ticks all the boxes.”

With around 75 per cent lambing complete for the season, Rob said the results were “looking spectacular” once again and while the property was seeing a higher number of multiple births, the work gone in to preparing the ewes and paddocks for lambing was keeping the workload to a bare minimum.

“We're having another fantastic season, the weather is good, the pasture is good, the lambs are looking spectacular and lamb survival has been excellent with very minimal lambing interventions,” Rob said.

“The Composite ewes are spectacular mums ... we work hard to keep the weight off the adult ewes through the early parts of pregnancy, which can be a battle, but they're fitter and stronger during lambing, milking really well and able to do a much better job on their lambs.”



“The big thing for us with these rams is their doing ability and the fertility for us; we've got ewe lambs that are lambing really easily and they've got lots of lambs, the numbers are really good.

“They're 14 months old – the mothers – and they're having 150 per cent lambs; it's just unbelievable.

“It's a bit early to judge properly, but the singles marked so far this year have lambed at 92 per cent – the odd ones lost lambs, but we're pretty happy.

“The Cloven Hills Composites, they're good doing sheep and we're really happy with the lambs.

“We don't go around them every day, we try not to disturb them too much and we run the singles in fairly big mobs and we only have about one or two per cent pulled, so we're pretty happy with where we're at.”

- John Lewis, Nerrin Nerrin, VIC.



NERRIN Nerrin's Anna Ponder with Kate and Chris, Harry, Rupert and Bridie, our Nutrien Ag agent, Rick Smith and Lot 190, one of 25 purchases by the south-west pastoral group - a long-time client - at our 2021 Spring Ram Sale.

WHAT OUR CLIENTS SAY

“We have a lot of farming enterprises that run large numbers of ewes here in Tasmania, under high stocking rates, so the Cloven Hills genetics is leading the way in stocking rate efficiencies.

“That moderate adult weight is a market ‘must’, but an OH&S issue as well for sheep handling and the benefits in those respects, of using the Cloven Hills genetics, is certainly recognised.

“We are seeing a clear swing away from traditional Border Leicester/Merino flocks with the larger producers running either a Merino or composite flock in large numbers because of the ease of management and availability of genetics.

“That trend won’t change (and) ... (Tasmanian producers) trust (Cloven Hills’) performance.”

- Mark Webb, Webb and Woodiwiss, TAS.



Tassie agent and client, Mark Webb and business partner, Reg Woodiwiss, Webb and Woodiwiss Livestock Marketing.

WITH volume and fast-tracking genetic gain at the top of his wish-list, Peter Young found perfect solutions to the needs of his family’s Glen Collin Pastoral Company in an article from ‘The Land’ and our Cloven Hills genetics.

“I read an article in The Land in the sheep pull-out one day, looked at the (ASBVs) ... they were what we wanted,” he said.

“Specifically, we saw that the Cloven Hills genetics could help us get ahead with our production goals.

“I like how ‘efficient’ the Cloven Hills genetics are – much lower adult weight with growth still as good, or better than most.”

His research saw Glen Collin purchase both mature rams and ewe lambs from Cloven Hills and with Glen Collin’s 2021 drop of lambs “some of the better ones we’ve seen, despite the weather”, the Cloven Hills genetics works well for the pastoral company’s business and management requirements.

“They’re very hardy, which suits us down to the ground,” Peter said.

And at our last Summer ram lamb sale, Glen Collin added to its Cloven Hills stock, taking home 15 ram lambs.

This year, Peter and wife Anna have branched out, starting their own prime lamb operation and in establishing GCM Grazing, the Youngs have followed the old adage, ‘if it ain’t broke, don’t fix it’, with Composites their breed of choice.

“What I’ve got now is 2000 mature ewes and 800 ewe lambs, Composites,” Peter said.

“Our country’s quite high rainfall, because we’re Summer wet, it’s quite hard on sheep, higher worm burden, potential for foot problems.

“The Composites are just easy management, we can breed a sheep to withstand a higher worm burden, they’re not as susceptible to fly strike.

“The lambing ... the mature ewes do it all themselves and the ewe lambs, depending on the season, but really don’t have many issues, need minimal help.

“And the breed is so efficient, that small adult weight, good-growing lambs.

“Obviously we want to run things at a high stocking rate, lots of ewes per hectare to get that maximum kilos of lamb per hectare ... the aim is to run eight ewes to the hectare ... we have confidence, with these genetics that we can do all that.”

As well as assisting with ease of management, the Glen Collin and GCM Grazing stories also demonstrate one of Cloven Hills’ key aims for our clients – an offering of animals to suit a wide variety of budgets, as well as stages and types of production.

“In the past with bigger company, we finished 70 per cent of lambs to go to processors (in Tamworth or Woolworths) and sold a portion of ewe lambs every year that were not joined or scanned dry,” Peter said.



INSURANCE

If you would like to insure your rams, below is a competitive option.

Contact Leigh Grinton | Achmea
Mobile: 0427 758 328



Request an appointment with us today

1800 724 214

www.achmea.com.au/switch



Farm Insurance

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07/2021

NOTES



MAJOR SIRES IN CATALOGUE



CLOVEN HILLS 202520

Beautiful black pointed moderate sized son of 170188. Ranked 1 nationally. Top 1% MCP+. Top 5% fertility, milk, muscle and fat. Top 10% Growth, top 30% FEC



CLOVEN HILLS 180191

Ranked 2 nationally with 347 progeny across 3 flocks. Top 1% MCP+, Top 5% growth, fertility and FEC.



CLOVEN HILLS 202127

Ranked 7 nationally, Top 1% for growth fertility and MCP+ and top 20% for muscle. A great curve bender.



CLOVEN HILLS 200718

Ranked 22 nationally, a curve bender, top 1% MCP+, top 10% for fertility, top 20% growth and muscle



CLOVEN HILLS 191527

Ranked 32 nationally, a classic black footed moderate ram, top 1% fertility and muscle, top 5% for dressing percentage.



CLOVEN HILLS 190333

Ranked 67 nationally, 314 progeny across 2 flocks, top 1% for FEC, top 10% fertility and growth.



MUD MAP TO CLOVEN HILLS

450 HAYDENS ROAD, NAREEN VIC 3315

RAM SALE HERE



Visit our website, email or call us for more details

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Fertility | Growth | Carcase | Hardiness

(OJD Vacc. Bruc. Accred)

We would like to thank everyone that has helped us get ready for today, it is very much appreciated. While every care has been taken with the information and accuracy of this catalogue, no responsibility is accepted for any errors which may have occurred.



“ Cloven Hills rams are unique in that Kate and Chris not only recognise the importance of figures, but also assess and select for type, wool, feet and structure. They recognise farmers have plenty of things to spend their money on and are therefore offering 532 rams to ensure clients are again getting excellent buying value”, Rick Smith, Nutrien Casterton. ”