



WELCOME TO CLOVEN HILLS'

# 8<sup>th</sup> ANNUAL RAM SALE

TUES, 5 OCT 2021 FROM 10:30AM ON-FARM AND LIVE ON AUCTIONSPLUS

TOP RANKED PRIME LAMB GENETICS TAILORED TO GROW YOUR BUSINESS

**500**  
STUD & FLOCK  
RAMS ON  
OFFER



SALE CATALOGUE 3% REBATE TO OUTSIDE AGENTS.

OPEN DAY THURS 23 SEPT | 11:00AM-4PM  
Both Sale & Open Day at Cloven Hills, 450 Haydens Rd, Nareen VIC 3315







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**AuctionsPlus**



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

“What a year! We can't believe another has passed. Seven lockdowns later, we are even more appreciative of teachers and being able to send our kids to school when open!”

Keeping your eye on the future while not forgetting the key profit drivers is key to running a genetics business, where it can take a long time to implement traits depending on their heritability. In maternal genetics for prime lamb, where we are looking at a considerable number of traits (42) there are also a lot of trade-offs. Providing you this information, so you can decide which traits and indexes will assist your business objectives, is what we aim to do.

As the world wants more of everything it's easy to get lost in the buzz of the new and forget the key underlying drivers.

As we identify animals and select animals that have the newly sought trait it is also essential that we don't shed the hardiness, and more than 42 points of index gain we have made in fertility, growth, and carcase along the way.

- 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



# IT'S ALL ABOUT THE GENETICS

From the small start of 650 recorded ewes, Cloven Hills rams and ewes sold over the past 12 years have produced 1.3 million progeny for farms across the country, with growth underpinned by our genetic gain.

Rams offered at this year's annual October sale average in the top 3% on the Sheep Genetics MCP+ maternal database – at least 5 points higher than last year's selection. With average PWT of 16 (top 5%) and an AWT of 13.8, they highlight our focus on 'curve bending' animals – strong early growth that pulls up at the right stage of development. Likewise, hardiness and longevity are critical to productivity.

While increasing genetic gain overall, we have also been able to increase fat average by 0.2 points, while pushing PFEC to be more negative – despite a negative correlation between these two traits.

## Resilience, Longevity and Performance

Cloven Hills – 110042. She is the twin sister to one of our leading sires 110043 and whilst he passed away in 2019 from an injury, 110042 is still going strong at 10 years old. She remains structurally sound, dag free and her Condition Score prior to lambing in 2021 was 3.3. She has given birth to 23 live lambs in her lifetime, including her most recent 2021 drop twins at 6 and 4.5 kg, respectively. Her average efficiencies at weaning are 210% lambs at 103% of her body weight (kg lambs/kg ewe). She has amazing temperament, and her lambs stick to her like glue within the mob, as she bring them into the yards. This genetic line is well represented in the pedigrees of our sale rams this year and demonstrates our strategy of identifying outliers within our large populations of lambs to find the star performers who will do the job year after year!



## RANKED # 2: CLOVEN HILLS 2017-188

Cloven Hills 2017-188 has been the best performer in our stud and has had a huge influence in the national maternal flock, with 1894 progeny, including 63 in this October 2021 catalogue. He has been used in at least 16 flocks, making him an outstanding linkage and leading sire.

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 the fertility of daughters, this guy will convince you! We know he breeds moderate ewes that are highly fertile.

He has a NLW of 42.8% and a YNLW of 50% – the real 'wow!' factors in his ASBVs. His ewe lamb daughters join with ease. Nothing worries him – he has an amazing temperament and he'll walk up to most for an inspection – you would think he was a pet, but has been run under full commercial conditions.

All his progeny have good early growth (BWT 0.54, WWT 9.4, PWWT 15.2), and stop (AWT 9.7). He is built like a brick with great carcass (PFAT 0.63, PEMD 3.13). Structurally, he has stood up extremely well being joined to both mature ewes and ewe lambs every year. He has always had a 1 Dag Score and turned up for his last video shoot post-Spring as clean as a whistle. He's as close as we have come to finding it all in one ram (don't worry we are still looking!). At number 2 in the Maternal Database (MCP+ 197, M\$! 206) he is holding his own against younger sires and is still in great demand.

## QUALITY ASSURANCE & ANIMAL HEALTH

- ✓ Lambplan recorded
- ✓ Brucellosis Free, Accreditation 3604 (Expiry 31/7/22)
- ✓ 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 Zolvix Plus
- ✓ Health Statements supplied with NVD



"The figures that Kate and Chris have on their rams, very few studs in this region come close to what Kate and Chris are achieving.

"We are only a commercial property, so we bought some of the one-and-a-half year-olds this year, but they're virtually what we were buying at the October sale, without have to spend a lot more.

"As a flock, we're improving each year, putting weight on the lambs and through our own management, we've got a few more things right now.

"Because the breeding is what it is, we've lifted our ewe lamb joining hugely and a big part of that is having the genetics where they need to be; we're going from strength to strength.

"We're getting great feedback on our product, the data is coming back very even and (the carcasses) are hitting every spec with the buyers, including ALC, Woolworths and TFI.

"In terms of fat cover, too high can occasionally be an issue through the processors but that's something we're not finding as an issue with our product."

- Celia Scott, Ardmeen Farms, VIC



# OCTOBER RAM SALE

WITH the expansion of the Cloven Hills breeding program, this year's October ram sale will offer 500 rams – a jump from the 334 yarded in 2020 – to cater for an even greater range of budgets and needs.

We recognise that while many of our clients may seek a very long and specific list of traits and have the budgets to cater for those requirements, an equal number are either just starting out or might be expanding or changing their enterprises and therefore have tighter budgets.

Having started from scratch ourselves, we know the importance of working with the client to establish the necessary genetic and physical requirements for their breeding objectives, balanced with the things that aren't essential to those needs and cost them money.

The MCP+ average for this year's sale catalogue will sit around the top 3% in the country – at least 8 points higher than last year's catalogue - so regardless of budget or production needs, we can say with confidence that every client will take home well-balanced rams with exceptional indexing for those key profit drivers.

In the offering, will be sons of Australia's highest-ranking rams, including about 63 by Cloven Hills 17-188.

He has more than 1894 progeny across 16 flocks, Australia-wide, is the number two ram in the Sheep Genetics Australian Maternal Sires MCP+ database and his sons complete the top 10 in that list.

All of our 2021 October sale rams on offer average ASBV PWT of 16 (top 5%) and AWT of 13.8, highlighting our focus on 'curve bending' animals – lambs with strong, early growth that pull up at just the right stage of development.

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.

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## INSURANCE

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

Contact **Bernie Price** | Nutrien Insurance

**M 0439 870 609**



*Andrew Sloan, Rick Smith, Max Cameron and Helen Baillie with the Dorahy family after the 2020 ram sale.*

“Everyone is really pleased with lambs and at the (2019) sale, I literally got a call from (livestock manager) Barry, that day, telling me to bring back more of ‘these’ – rams that would do what our other Cloven Hills rams were doing ... lots of lambs, easy lambing and tough.

“They were clearly better than what we'd had before and they keep getting better.

“The ewe lamb sales have been really good, the last two years have been great and this year has been a massive year for us, because the marking rates are up and the stocking rates are up.

“I like that when I look at Chris and Kate's rams, if I want to select for weaning weight or other characteristics, I don't have to worry about fertility or toughness because those numbers are all up where I want them, I don't have to forego those basic things, because I know they're there ... they're staples in every Cloven Hills ram.

“I can focus on picking my ‘bonuses’ and I'm not missing out on those other key things that are needed.

“If you don't have a particular ‘wish list’, you just want the basic, necessary things, you can buy a really good ram without having to spend a lot of money.

“The ‘after sales service’ is one of the main things you want when you're paying for genetics - that follow up and information, somebody on the end of the phone that I can ring up and chat to ... ask what best way is to do this or that.

“We want some level of control over what we do, which is why we breed our own lambs and all we needed to do with Kate in the first instance, was explain what we wanted, what we needed to do and Kate and Chris helped us select and brought that to us.

“Kate is incredibly good to talk to, she's well-informed and happy to share every bit of information and knowledge she has, to help our business.

“She has shown us how to use the data, so we can use it to consider our selections (and) there is so much information available on the rams and their sale catalogue is extremely well put together – even if you are not going to see the rams, there is enough data in the catalogue to make a sound decision on buying a Cloven Hills ram.”

- Helen Baillie, Strowan and Wesley Dale, TAS

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
1	001	201068	183	0.7	10.5	16.7	11.9	-29%	111%	2018	7.5	31%	35%	-0.5	200%	2
2	001	201933	180	0.4	10.5	17.4	14.9	-14%	102%	2018	7.1	27%	38%	0.6	250%	2
3	001	202389	190	0.7	13.0	18.9	15.5	-18%	61%	2019	8.3	30%	34%	0.5	150%	1
4	002	201731	180	0.5	11.2	18.5	18.0	-3%	36%	2018	7.2	27%	37%	-0.2	150%	2
5	002	201894	180	0.5	11.2	18.7	18.5	-1%	36%	2018	7.3	27%	37%	-0.2	150%	1
6	002	201807	180	0.5	11.4	18.9	18.7	-1%	36%	2018	7.4	27%	37%	-0.2	150%	2
7	003	201391	179	0.5	9.0	15.9	11.2	-30%	74%	2017	6.6	22%	32%	0.0	175%	1
8	003	200367	177	0.8	12.5	17.6	14.1	-20%	83%	2017	5.9	17%	19%	0.1	167%	2
9	003	201555	180	0.6	11.9	18.6	16.6	-11%	48%	2019	7.2	22%	34%	0.8	300%	1
10	004	200046	187	0.8	12.0	18.4	14.6	-21%	114%	2018	7.4	29%	32%	-0.4	200%	2
11	004	201427	172	0.9	12.8	19.0	18.6	-2%	99%	2018	6.7	21%	19%	-0.4	150%	2
12	004	202708	175	0.8	11.2	19.3	16.5	-15%	100%	2017	6.8	13%	17%	1.4	200%	3
13	005	201916	186	0.5	8.8	15.2	9.1	-40%	92%	2016	6.8	27%	34%	0.8	175%	2
14	005	202499	184	0.6	10.1	15.6	10.6	-32%	53%	2019	7.4	30%	37%	-0.8	150%	1
15	005	202707	182	1.0	13.1	20.7	15.1	-27%	194%	2017	7.1	11%	15%	1.8	200%	3
16	006	200835	185	0.7	11.7	17.8	13.3	-25%	73%	2018	7.6	29%	33%	-0.3	267%	3
17	006	202538	186	0.6	10.8	17.8	13.5	-24%	104%	2019	7.6	19%	24%	0.8	200%	2
18	006	201945	182	0.4	7.6	13.0	8.1	-38%	141%	2018	6.6	34%	39%	0.3	300%	3
19	007	200889	180	0.6	10.1	17.7	14.0	-21%	87%	2017	7.9	30%	37%	-1.3	367%	3
20	007	202783	180	0.6	11.0	17.2	13.5	-21%	78%	2019	7.0	25%	28%	-0.4	200%	2
21	007	202572	182	0.5	11.2	19.0	16.0	-16%	36%	2018	7.6	25%	32%	0.6	150%	3
22	008	201900	176	0.5	10.6	16.7	13.3	-20%	184%	2019	6.5	26%	32%	0.2	200%	1
23	008	200204	176	0.4	8.5	14.2	10.2	-28%	107%	2018	6.9	23%	28%	-0.6	200%	2
24	008	202262	176	0.5	8.9	14.6	9.5	-35%	57%	2018	6.2	27%	31%	-0.9	150%	2
25	009	201855	173	0.6	9.4	16.3	14.1	-14%	81%	2018	6.9	19%	20%	0.2	167%	2
26	009	202706	179	0.9	12.3	19.8	15.2	-23%	194%	2017	6.8	12%	15%	1.4	200%	3
27	009	200216	173	0.9	12.8	17.8	14.5	-18%	72%	2015	5.3	15%	20%	0.1	133%	2



# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
1	001	CH-170188	0.2	1.9	5.3	2.0	-0.4	2.6	Striped	Black	-18	2.0	3.8	11	Y	0	192	
2	001	CH-190709	0.2	<b>2.3</b>	6.0	<b>2.9</b>	-0.7	3.3	Black	Black	-18	2.0	3.8	-5			192	
3	001	CH-170188	-0.7	2.2	<b>7.2</b>	2.0	-1.0	6.6	Black	Mixed	-42	1.5	2.5	6	Y	1	202	
4	002	CO-182445	<b>0.3</b>	2.1	5.5	<b>2.6</b>	-0.7	3.5	Black	Mixed	<b>-66</b>	3.5	4.0	14			196	
5	002	CO-182445	0.1	2.1	5.7	<b>2.6</b>	-0.8	3.7	Black	Mixed	<b>-74</b>	1.5	3.8	12			196	
6	002	CO-182445	<b>0.3</b>	2.0	5.6	<b>2.6</b>	-0.7	3.7	Striped	Mixed	<b>-67</b>	2.0	3.8	10			196	
7	003	CH-170188	<b>0.8</b>	<b>2.5</b>	5.0	<b>2.8</b>	-0.5	1.4	Black	Black	-36	2.5	3.8	6	Y	1	185	
8	003	CH-190123	-0.5	<b>2.6</b>	<b>7.5</b>	<b>3.0</b>	-1.0	5.4	Black	Black	-42	1.0	3.8	-1			183	
9	003	CO-182445	-0.4	2.2	<b>7.2</b>	<b>2.7</b>	-1.0	5.3	Black	Mixed	<b>-70</b>	2.5	3.3	-11			191	
10	004	CH-170188	-0.5	<b>2.4</b>	<b>6.6</b>	2.4	-0.8	4.0	Black	Black	-42	2.5	4.0	12	Y	1	198	
11	004	CH-190123	-0.6	<b>2.3</b>	<b>7.3</b>	<b>3.0</b>	-1.0	4.7	Striped	Mixed	-27	1.0	2.8	-7			184	
12	004	CH-190333	-0.7	2.0	<b>6.5</b>	<b>3.1</b>	-0.8	2.0	Black	Black	-24	2.5	3.0	17			187	
13	005	CH-170188	0.1	<b>2.6</b>	5.6	2.5	-0.5	<b>0.4</b>	Striped	Mixed	-37	2.5	3.0	1	Y	1	191	
14	005	CH-170188	-0.1	<b>2.9</b>	6.0	2.0	-0.7	2.3	Black	Black	7	1.0	3.8	8	Y	0	191	
15	005	CH-190333	-0.8	1.6	<b>7.5</b>	<b>3.0</b>	-0.8	3.5	Black	Mixed	-42	2.5	3.3	8	Y	0	190	
16	006	CH-190123	-0.5	<b>2.5</b>	<b>7.4</b>	2.5	-0.9	4.2	Black	Black	-8	2.5	3.3	-3	Y	1	193	
17	006	CH-181487	-0.1	<b>2.6</b>	6.0	2.4	-0.8	3.6	Black	Black	<b>-67</b>	3.0	4.0	<b>31</b>			196	
18	006	CH-170188	<b>0.3</b>	<b>2.4</b>	4.6	2.2	-0.4	<b>0.1</b>	Striped	Mixed	-36	2.0	3.0	5			191	
19	007	CH-170188	-0.2	<b>2.3</b>	<b>6.4</b>	<b>2.7</b>	-0.6	1.9	Black	Mixed	-18	1.5	2.3	-15	Y	1	187	
20	007	CH-181487	-0.3	2.2	<b>6.7</b>	2.1	-1.0	5.3	Black	Mixed	-50	2.0	3.3	5			189	
21	007	CH-191373	0.2	1.7	5.6	2.5	-0.6	3.9	Black	Mixed	-26	2.0	3.3	13			195	
22	008	CH-190709	-0.7	2.1	<b>7.3</b>	2.5	-1.0	4.2	Striped	Mixed	-12	2.0	2.8	-11			185	
23	008	CH-170188	<b>0.6</b>	<b>3.0</b>	4.8	2.5	-0.6	2.2	Striped	Mixed	-43	2.0	3.8	4	Y	1	181	
24	008	CH-170188	<b>0.3</b>	<b>2.3</b>	5.2	2.4	-0.5	1.7	Striped	Mixed	-8	3.0	3.3	4	Y	1	181	
25	009	CH-180191	-0.2	<b>2.4</b>	5.3	<b>2.6</b>	-0.5	<b>0.7</b>	Striped	Black	-42	2.0	4.3	21			184	
26	009	CH-190333	-0.9	1.9	<b>7.5</b>	<b>3.1</b>	-1.0	3.4	Black	Mixed	-42	2.0	4.3	7			186	
27	009	CH-190123	-1.5	<b>2.5</b>	<b>8.9</b>	<b>2.7</b>	-1.4	7.0	Striped	Mixed	-6	1.5	3.3	0			180	

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
28	010	202475	175	0.2	10.0	16.4	11.0	-33%	136%	2019	7.2	19%	21%	-1.1	150%	2
29	010	201654	174	0.3	7.9	13.7	10.9	-20%	91%	2017	6.6	26%	35%	-0.7	200%	2
30	010	202767	176	0.5	10.9	15.6	11.0	-29%	59%	2019	7.2	18%	27%	0.6	150%	1
31	011	200070	194	0.7	10.9	17.3	9.8	-44%	108%	2018	7.6	26%	35%	0.8	200%	2
32	011	200519	184	0.6	9.6	14.9	7.8	-47%	114%	2018	6.3	28%	31%	-0.4	250%	2
33	011	201244	172	0.6	10.7	16.6	14.6	-12%	91%	2018	7.6	19%	19%	1.0	350%	4
34	012	201904	174	0.7	10.3	16.8	15.0	-11%	66%	2018	6.8	27%	29%	-0.3	133%	2
35	012	201719	174	0.3	8.9	14.7	12.5	-15%	100%	2018	5.6	22%	30%	0.3	267%	2
36	012	201896	177	0.5	11.3	18.4	17.1	-7%	78%	2019	6.8	19%	29%	-0.7	50%	1
37	013	201480	178	0.4	10.5	17.6	16.4	-7%	36%	2018	7.0	25%	35%	-0.2	150%	1
38	013	201221	174	0.3	8.6	13.8	9.2	-33%	126%	2015	6.6	24%	31%	-0.3	200%	2
39	013	201614	179	0.5	10.8	17.9	16.6	-7%	36%	2018	7.1	26%	36%	-0.2	150%	2
40	014	200014	174	0.8	12.6	18.3	15.0	-18%	79%	2016	6.8	18%	27%	0.2	167%	3
41	014	201613	175	0.4	10.5	17.7	17.2	-3%	36%	2018	7.2	26%	36%	-0.2	150%	2
42	014	202569	180	0.6	10.9	17.8	15.9	-11%	87%	2019	8.3	28%	35%	0.3	200%	2
43	015	200308	174	0.6	9.8	15.9	12.6	-20%	77%	2016	7.0	26%	36%	-0.7	160%	2
44	015	202248	174	0.7	11.4	19.0	15.7	-18%	106%	2015	6.8	17%	23%	0.6	233%	1
45	015	201536	172	0.6	10.6	16.8	15.0	-11%	65%	2018	7.4	25%	28%	-0.7	167%	2
46	016	200044	177	0.6	10.5	16.9	13.4	-21%	76%	2018	7.4	28%	36%	-0.7	200%	2
47	016	202043	178	0.9	13.1	20.4	17.9	-12%	87%	2017	7.6	19%	22%	0.6	250%	3
48	016	201229	175	0.7	11.3	17.0	17.2	1%	64%	2018	7.8	29%	34%	0.1	167%	2
49	017	201547	178	0.6	12.2	19.7	19.3	-2%	78%	2019	7.3	20%	30%	-0.7	50%	1
50	017	201905	176	0.8	11.7	19.5	21.0	8%	151%	2018	7.9	29%	31%	0.2	133%	2
51	017	200272	181	0.8	11.0	17.0	13.3	-22%	56%	2018	7.2	27%	32%	-0.4	150%	1
52	018	202435	179	0.7	12.1	18.5	12.1	-35%	74%	2019	6.9	12%	16%	0.4	100%	1
53	018	200098	177	0.3	7.2	13.4	6.8	-50%	130%	2018	5.6	22%	31%	-0.8	250%	3
54	018	202364	180	0.5	11.5	16.5	10.0	-39%	62%	2019	6.6	14%	18%	0.2	150%	3



# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$I	Notes
28	010	CH-180285	0.3	2.7	5.8	2.9	-1.2	4.1	Black	Black	-2	1.5	4.0	10			178	
29	010	CH-170188	1.3	3.0	4.0	2.5	-0.2	0.2	Striped	Mixed	-45	1.0	3.0	-4	Y	0	180	
30	010	CH-170188	-0.1	2.4	6.3	2.1	-0.7	4.3	Striped	Black	-31	1.5	3.0	-1	Y	1	181	
31	011	CH-170188	-0.3	3.0	7.2	2.6	-1.0	3.2	Black	Mixed	-5	3.0	3.5	7	Y	1	198	
32	011	CH-170188	0.2	2.5	5.9	2.3	-0.6	3.0	Black	Black	-38	3.0	3.0	-3	Y	1	186	
33	011	CH-190773	-1.0	1.8	6.1	1.9	-0.7	2.5	Striped	Mixed	-41	1.0	2.8	19			185	
34	012	CH-170188	-0.3	1.7	5.6	1.8	-0.6	2.5	Striped	Black	-27	2.0	3.5	15	Y	1	187	
35	012	C0-182445	0.2	2.5	5.5	2.7	-0.7	2.2	Striped	Mixed	-72	2.0	3.5	3			183	
36	012	C0-182445	-0.4	2.6	6.8	3.0	-1.1	3.7	Striped	Mixed	-75	3.0	3.5	12			188	
37	013	C0-182445	0.5	2.3	5.4	2.7	-0.7	3.3	Striped	Mixed	-65	3.5	3.5	6			192	
38	013	CH-170188	0.4	2.5	5.1	2.6	-0.5	1.5	Black	Black	-37	1.5	3.3	-5	Y	0	178	
39	013	C0-182445	0.5	2.2	5.6	2.7	-0.7	3.6	Black	Mixed	-63	1.5	3.8	3			192	
40	014	CH-191280	-0.2	2.0	6.6	2.7	-0.8	5.2	Striped	Mixed	-17	4.0	4.3	-2			183	
41	014	C0-182445	0.4	1.9	5.0	2.4	-0.6	3.2	Black	Mixed	-66	1.5	3.3	3			190	
42	014	CH-170188	-0.3	2.5	6.2	2.4	-0.8	3.5	Black	Mixed	0	2.0	3.0	5			194	
43	015	CH-170188	0.4	1.9	4.9	2.1	-0.3	1.1	Striped	Black	-28	1.0	3.0	-1	Y	0	182	
44	015	CH-180189	-0.7	1.8	6.8	2.9	-0.7	3.0	Black	Black	-5	2.5	3.3	3			184	
45	015	CH-170188	-0.3	1.8	5.5	2.0	-0.7	3.3	Black	Black	-40	3.0	3.5	11			184	
46	016	CH-170188	0.1	2.1	5.8	2.0	-0.8	2.9	Striped	Mixed	-7	1.0	3.3	-4	Y	1	186	
47	016	CH-180191	-1.8	1.2	7.3	2.0	-0.9	4.5	Striped	Mixed	-33	3.5	4.3	29	Y	1	193	
48	016	CH-170188	-0.3	2.0	5.6	2.0	-0.7	3.9	Striped	Mixed	-45	2.0	3.5	4	Y	0	192	
49	017	C0-182445	-0.5	2.5	7.0	3.1	-1.1	4.3	Striped	Mixed	-73	4.0	3.8	11			192	
50	017	CH-170188	0.4	1.9	5.1	2.3	-0.5	2.8	Black	Black	-33	1.5	3.3	4	Y	1	196	
51	017	CH-170188	-0.6	2.3	6.6	2.2	-0.7	2.2	Striped	Mixed	-36	1.5	3.0	-3	Y	1	189	
52	018	CH-191373	-0.8	1.8	7.3	2.4	-0.7	4.2	Black	Black	-52	1.5	2.8	14	Y	0	182	
53	018	CH-170188	0.4	2.8	5.0	2.9	-0.5	0.2	Black	Black	-40	3.0	3.8	14	Y	0	179	
54	018	CH-181487	-0.3	2.4	7.3	2.3	-0.9	5.4	Striped	Mixed	-66	3.0	3.0	6	Y	0	181	

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
55	019	202391	172	0.3	8.9	14.3	10.3	-28%	75%	2019	7.0	18%	28%	-0.3	150%	2
56	019	202945	174	0.3	7.5	13.4	9.8	-27%	103%	2019	7.2	29%	39%	-1.6	300%	3
57	019	202856	173	0.4	9.0	15.9	13.2	-17%	70%	2019	6.8	21%	26%	-0.5	200%	2
58	020	200446	173	0.3	8.3	13.7	10.7	-22%	101%	2018	6.7	25%	26%	-0.3	200%	2
59	020	200545	175	0.8	12.1	18.9	14.1	-25%	114%	2018	7.2	14%	11%	0.7	300%	3
60	020	200486	179	1.0	12.5	19.1	14.5	-24%	94%	2018	8.3	18%	22%	0.4	150%	2
61	021	202758	178	0.7	9.8	16.6	13.4	-19%	83%	2019	7.4	28%	33%	-0.9	200%	2
62	021	202490	175	0.8	11.7	18.1	14.1	-22%	83%	2019	6.7	15%	19%	0.3	200%	2
63	021	201768	177	0.6	10.3	16.0	10.4	-35%	87%	2018	6.9	24%	30%	-0.9	300%	3
64	022	200033	175	0.5	8.7	14.3	9.6	-33%	144%	2018	6.7	28%	35%	-1.1	200%	2
65	022	201720	173	0.2	8.0	13.7	11.4	-17%	238%	2018	5.6	22%	30%	0.3	267%	2
66	022	202491	177	0.6	10.2	16.2	10.9	-32%	116%	2019	7.8	22%	28%	0.2	150%	2
67	023	201523	176	0.4	9.8	14.6	11.3	-23%	63%	2017	6.2	28%	36%	-0.8	250%	3
68	023	202925	178	0.5	9.4	15.8	11.6	-27%	34%	2019	6.8	28%	33%	-0.9	100%	1
69	023	201157	172	0.6	9.8	16.4	10.6	-35%	80%	2018	6.9	10%	9%	1.1	200%	2
70	024	200746	172	0.4	9.9	15.4	9.2	-40%	114%	2018	6.4	18%	23%	-0.5	200%	2
71	024	200071	191	0.4	8.7	15.3	7.3	-52%	108%	2018	7.5	26%	35%	0.9	200%	2
72	024	202386	175	0.6	12.1	18.6	17.3	-7%	58%	2019	6.9	16%	21%	0.1	150%	2
73	025	200375	172	0.8	11.1	16.1	11.0	-31%	155%	2018	6.4	15%	16%	0.5	200%	2
74	025	200753	175	0.8	10.6	16.7	13.2	-21%	76%	2018	6.2	22%	26%	0.3	200%	2
75	025	201832	175	0.5	10.6	17.9	17.4	-2%	78%	2019	6.5	20%	29%	-0.7	50%	1
76	026	202897	172	0.4	11.4	18.6	16.7	-10%	82%	2019	7.3	15%	20%	0.5	100%	3
77	026	202207	178	0.4	9.5	15.5	11.4	-26%	71%	2017	7.6	24%	28%	-0.7	167%	2
78	026	201658	172	0.2	11.3	18.5	17.4	-6%	75%	2018	7.4	17%	25%	1.0	200%	2
79	027	200260	176	0.9	12.4	19.0	17.2	-10%	79%	2017	7.2	17%	21%	0.2	167%	2
80	027	201557	172	1.0	12.2	19.5	16.9	-13%	72%	2013	8.1	14%	20%	0.1	140%	1
81	027	201917	182	0.5	8.6	14.2	9.6	-33%	92%	2016	6.4	28%	36%	0.5	175%	2



# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
55	019	CH-181487	0.6	2.4	5.0	1.9	-0.6	3.3	Black	Black	-64	2.5	3.3	8	Y	0	177	
56	019	CH-170188	0.7	2.7	4.4	2.1	-0.5	1.6	Black	Mixed	-40	1.0	2.5	0			180	
57	019	CH-181487	0.6	2.3	5.0	2.3	-0.7	3.2	Black	Mixed	-54	3.0	3.3	6			181	
58	020	CH-170188	0.9	2.7	4.5	2.5	-0.4	1.3	Striped	Mixed	-46	2.5	3.3	2	Y	0	180	
59	020	CH-190773	-0.9	1.8	7.2	2.7	-0.9	3.6	Black	Mixed	-13	2.5	3.3	9	Y	1	181	
60	020	CH-180191	-1.0	1.3	6.5	1.6	-0.6	2.6	Striped	Mixed	-38	1.0	3.0	24	Y	1	189	
61	021	CH-170188	0.3	2.3	5.4	2.1	-0.7	2.3	Striped	Black	-36	1.5	3.3	3			187	
62	021	CH-181487	-0.7	1.9	6.9	2.2	-1.0	5.5	Striped	Black	-46	3.0	3.5	14			183	
63	021	CH-170127	-0.4	1.9	5.8	2.0	-0.5	1.8	Black	Black	-30	2.5	3.5	7			182	
64	022	CH-170188	0.0	1.8	4.7	1.7	-0.3	0.7	White	Pink	-40	1.0	3.8	18	Y	0	183	
65	022	C0-182445	0.6	2.9	5.1	2.9	-0.6	1.7	Striped	Pink	-72	3.0	3.3	-4			180	
66	022	CH-170188	0.0	2.1	5.4	1.9	-0.5	2.5	White	Pink	-1	1.5	3.5	12			184	
67	023	CH-170188	0.3	2.7	5.5	2.4	-0.5	1.9	White	Pink	-4	1.5	3.8	5	Y	0	184	
68	023	CH-170188	0.4	2.0	4.7	2.4	-0.3	0.8	White	Pink	-42	1.0	3.5	7	Y	0	185	
69	023	CH-190773	-1.1	2.0	6.4	2.4	-0.7	1.8	White	Pink	-43	2.0	3.3	14	Y	1	175	
70	024	CH-170127	-0.7	1.3	5.6	1.8	-0.3	1.9	White	Pink	-34	2.0	3.5	24			177	
71	024	CH-170188	0.3	3.0	5.8	2.4	-0.6	0.7	White	Pink	-17	3.5	4.0	8	Y	1	195	
72	024	CH-181487	0.0	2.2	6.2	2.6	-1.0	6.4	Striped	Pink	-66	3.5	3.8	25			188	
73	025	CH-170278	-0.6	1.8	6.1	1.7	-0.8	4.2	White	Pink	-17	2.0	3.8	22			179	
74	025	CH-191280	-0.9	1.8	6.3	2.3	-0.8	2.8	White	Pink	-23	2.5	4.0	10			184	
75	025	C0-182445	-0.3	2.5	6.1	2.9	-1.0	2.7	Striped	Pink	-71	2.5	4.0	20			188	
76	026	CH-190192	0.1	2.1	6.1	3.0	-1.1	5.5	Striped	Pink	-31	1.0	3.0	5			182	
77	026	CH-170188	0.8	3.0	4.9	2.8	-0.6	1.6	Striped	Pink	-40	1.5	2.8	-4	Y	1	183	
78	026	CH-190709	-0.3	2.0	6.6	3.0	-0.6	3.4	White	Pink	-32	1.5	4.0	2			185	
79	027	CH-180191	-1.3	1.9	7.1	2.5	-0.9	3.9	Striped	Pink	-49	3.0	3.5	22			188	
80	027	CH-180191	-1.5	1.5	7.2	2.4	-0.8	2.9	White	Pink	-44	2.5	3.3	13	Y	1	182	
81	027	CH-170188	0.1	2.5	5.0	2.2	-0.5	1.1	Striped	Pink	-42	2.5	3.5	11	Y	1	190	

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
82	028	200104	180	0.7	10.8	17.2	14.3	-17%	57%	2018	7.8	30%	35%	-0.8	150%	1
83	028	200146	173	0.7	11.6	18.6	16.5	-11%	106%	2016	6.8	13%	17%	1.5	225%	3
84	028	200854	173	0.8	10.9	17.6	15.3	-13%	85%	2014	6.9	18%	24%	-0.3	183%	2
85	029	201949	181	0.4	8.6	15.2	10.8	-29%	74%	2016	6.6	31%	34%	-0.1	225%	3
86	029	201980	180	0.7	12.6	19.7	18.1	-8%	78%	2019	6.7	19%	28%	-1.1	50%	1
87	029	200616	176	0.9	11.7	17.3	12.6	-27%	126%	2018	7.8	25%	29%	-0.9	200%	2
88	030	200358	178	0.6	10.2	16.7	12.8	-24%	88%	2017	7.4	27%	34%	-0.7	200%	2
89	030	202396	179	0.3	10.3	17.4	14.0	-20%	59%	2019	7.5	20%	28%	0.2	100%	2
90	030	201932	180	0.4	10.0	16.6	13.4	-19%	102%	2018	6.7	26%	38%	0.6	250%	2
91	031	202167	177	1.0	12.2	18.7	17.2	-8%	83%	2018	7.2	23%	20%	0.4	300%	3
92	031	200720	177	0.7	11.5	17.5	10.7	-39%	73%	2016	6.3	13%	20%	0.9	200%	2
93	031	200316	179	0.8	11.1	17.6	11.7	-33%	71%	2016	5.7	11%	20%	1.1	120%	2
94	032	201285	173	0.5	10.6	17.4	14.5	-17%	154%	2018	6.2	14%	25%	0.3	300%	3
95	032	201915	180	0.6	11.2	17.7	15.8	-11%	36%	2018	6.7	24%	34%	-0.5	150%	1
96	032	202966	173	0.7	9.5	16.0	13.0	-19%	67%	2019	7.0	21%	22%	0.0	200%	2
97	033	202160	178	0.9	13.8	19.3	14.3	-26%	58%	2018	6.6	17%	17%	-0.4	150%	2
98	033	202263	176	0.3	8.9	15.4	12.5	-19%	102%	2018	6.4	26%	37%	0.6	250%	2
99	033	201117	176	0.4	9.5	13.9	10.8	-22%	117%	2018	6.3	29%	32%	-0.6	300%	3
100	034	202768	173	0.5	11.0	16.8	13.3	-21%	60%	2019	6.3	16%	20%	-0.3	150%	1
101	034	202516	172	0.3	9.3	16.5	12.5	-24%	44%	2019	6.3	17%	22%	-0.6	200%	2
102	034	202910	180	0.5	8.8	15.7	12.4	-21%	78%	2019	7.3	32%	39%	-1.1	300%	3
103	035	202423	184	0.6	11.3	17.3	11.5	-34%	123%	2019	7.6	22%	30%	-0.4	150%	2
104	035	200883	173	0.4	8.3	13.9	9.6	-31%	65%	2018	6.3	21%	29%	-0.2	167%	1
105	035	202468	176	0.6	13.2	18.7	12.7	-32%	141%	2019	6.5	8%	14%	1.2	150%	2
106	036	201525	177	0.6	10.9	16.0	10.2	-36%	77%	2018	6.2	27%	36%	-0.2	167%	2
107	036	202718	181	0.5	10.0	16.6	12.1	-27%	116%	2019	7.2	24%	32%	-0.3	200%	2
108	036	202101	185	0.5	10.5	16.5	11.2	-32%	69%	2019	6.8	27%	34%	1.6	167%	1



# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
82	028	CH-170188	0.3	2.3	5.3	2.6	-0.6	2.5	Striped	Pink	-21	2.0	3.0	1	Y	0	190	
83	028	CH-190333	-0.6	1.7	6.4	2.6	-0.8	3.5	White	Pink	-48	2.5	4.3	16			186	
84	028	CH-180191	-0.3	2.0	5.5	2.6	-0.5	1.4	White	Pink	-50	3.5	3.3	20	Y	1	184	
85	029	CH-170188	0.3	2.0	4.1	2.0	-0.3	1.3	Striped	Black	-16	1.5	4.0	28	Y	0	192	
86	029	CO-182445	-1.0	2.9	8.2	3.1	-1.5	5.4	Black	Mixed	-53	4.0	3.3	14	Y	1	191	
87	029	CH-180191	-0.9	1.6	6.4	1.4	-0.8	4.0	Striped	Mixed	12	3.5	4.3	19	Y	1	185	
88	030	CH-170188	0.4	2.1	5.4	2.4	-0.6	3.2	Striped	Mixed	-21	2.0	3.5	1	Y	0	186	
89	030	CH-191373	-0.1	2.1	5.8	2.4	-0.5	3.1	Black	Black	-45	2.0	4.3	23			189	
90	030	CH-190709	0.1	2.4	6.2	2.9	-0.7	3.3	Striped	Mixed	-18	3.0	3.8	-5			190	
91	031	CH-180191	-1.2	1.5	6.3	2.1	-0.7	2.2	Striped	Mixed	-50	1.5	4.0	32			193	
92	031	CH-170127	-1.2	1.6	7.4	2.3	-0.7	3.1	Black	Mixed	-34	2.0	3.0	12	Y	0	181	
93	031	CH-191280	-0.3	2.5	7.1	3.1	-0.8	3.7	Striped	Mixed	-46	3.5	4.0	0	Y	0	182	
94	032	CH-181487	-0.1	2.2	6.4	2.8	-0.9	5.1	Black	Mixed	-44	2.5	3.3	12			182	
95	032	CO-182445	0.7	2.7	5.8	2.9	-0.7	3.6	Striped	Mixed	-59	2.5	2.8	-3	Y	0	190	
96	032	CH-190333	-0.4	1.8	5.2	1.8	-0.6	1.7	Striped	Mixed	-63	2.0	3.0	17	Y	2	183	
97	033	CH-190123	-1.2	2.1	9.1	2.7	-1.3	7.5	Black	Black	-20	1.0	3.3	-14			181	
98	033	CH-190709	0.2	2.4	5.5	2.8	-0.6	2.3	Black	Black	-7	3.5	3.0	-4			186	
99	033	CH-170188	-0.1	2.9	5.9	2.5	-0.8	2.4	Black	Mixed	-24	1.5	3.0	-4	Y	1	183	
100	034	CH-181487	-0.4	2.5	7.2	2.7	-1.0	5.3	Black	Mixed	-55	3.5	3.3	0			178	
101	034	CH-191373	0.2	2.4	5.6	2.9	-0.5	1.9	Striped	Black	-37	2.0	3.5	10			178	
102	034	CH-170188	0.4	2.9	5.4	2.7	-0.6	0.4	Black	Black	10	3.0	3.5	-2			188	
103	035	CH-181487	-1.0	2.0	7.0	2.0	-0.8	4.5	Black	Black	-55	3.0	3.8	17	Y	1	190	
104	035	CH-181487	0.3	2.3	5.2	2.0	-0.7	3.3	Black	Black	-62	1.5	3.8	1			177	
105	035	CH-181487	-0.3	1.5	7.5	2.4	-1.0	8.3	Striped	Mixed	-62	3.0	3.0	5	Y	0	180	
106	036	CH-170188	-0.6	1.6	6.8	1.7	-1.0	4.3	Striped	Mixed	19	2.0	3.3	4	Y	1	184	
107	036	CH-181487	-0.1	2.2	5.9	2.0	-0.9	4.5	Black	Black	-50	3.0	4.0	14			189	
108	036	CH-190709	0.0	2.2	6.8	2.6	-0.8	3.7	Striped	Mixed	-29	2.0	3.5	-13			192	

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
109	037	202845	174	0.5	11.2	17.9	14.7	-18%	95%	2019	7.2	18%	24%	-0.7	150%	2
110	037	202713	181	0.7	11.1	17.3	13.1	-24%	98%	2019	7.7	30%	34%	-0.8	200%	2
111	037	202810	174	0.6	11.4	18.0	16.2	-10%	83%	2018	7.4	21%	27%	0.5	267%	3
112	038	202013	176	0.3	9.2	15.9	13.8	-14%	102%	2018	6.6	26%	38%	0.6	250%	1
113	038	201934	174	0.4	12.4	18.5	16.4	-12%	61%	2015	6.1	13%	22%	-0.4	160%	2
114	038	202608	172	0.6	11.8	17.8	13.9	-22%	86%	2017	6.2	15%	15%	0.1	200%	3
115	039	201386	180	0.3	9.4	16.4	13.5	-18%	51%	2018	6.8	25%	36%	0.4	200%	1
116	039	201730	179	0.5	10.6	17.7	16.5	-7%	36%	2018	7.0	26%	36%	-0.2	150%	2
117	039	200045	178	0.6	9.6	15.9	13.1	-18%	114%	2018	7.0	28%	31%	-0.1	200%	2
118	040	200313	178	0.4	8.6	14.8	12.7	-14%	53%	2018	6.2	23%	33%	0.6	100%	2
119	040	200426	178	0.5	8.7	14.6	9.7	-33%	93%	2017	6.4	26%	26%	-0.3	150%	2
120	040	201382	184	0.4	9.6	16.5	12.8	-22%	157%	2019	8.4	30%	34%	-0.1	250%	1
121	041	201923	182	0.6	12.5	19.5	15.9	-19%	39%	2017	6.9	18%	26%	1.5	200%	2
122	041	202827	177	0.6	13.4	20.6	19.0	-8%	94%	2019	8.0	19%	25%	0.0	200%	2
123	041	202858	173	0.8	12.3	19.0	14.8	-22%	56%	2019	7.6	15%	11%	0.0	150%	2
124	042	202571	180	0.4	10.2	17.9	14.9	-17%	36%	2018	7.3	25%	32%	0.5	150%	3
125	042	202716	178	0.5	9.9	16.0	12.3	-23%	44%	2019	7.4	29%	31%	-1.0	200%	2
126	042	202246	190	0.8	10.6	16.8	8.7	-48%	64%	2018	7.1	24%	32%	0.2	167%	1
127	043	200514	172	0.3	9.2	15.1	11.2	-26%	126%	2018	6.4	18%	29%	-0.1	200%	2
128	043	202012	190	0.8	10.8	17.5	10.9	-37%	64%	2018	7.6	24%	33%	0.5	167%	1
129	043	202229	189	0.8	10.7	17.4	10.4	-40%	64%	2018	7.4	24%	33%	0.2	167%	1
130	044	201019	176	0.7	10.1	17.0	15.1	-11%	100%	2018	6.8	18%	23%	0.7	200%	2
131	044	202010	185	0.7	11.3	17.7	14.3	-19%	73%	2019	7.9	28%	32%	-0.2	100%	1
132	044	201893	184	0.7	11.2	18.5	13.3	-28%	157%	2019	7.7	29%	33%	-0.6	250%	1
133	045	200458	184	0.8	12.0	18.6	16.3	-13%	84%	2016	7.5	26%	33%	0.2	220%	2
134	045	202539	173	0.5	11.0	16.9	14.2	-16%	57%	2019	6.6	19%	21%	0.5	100%	1
135	045	202503	182	0.5	10.0	16.5	12.3	-25%	130%	2019	7.0	26%	33%	-0.3	300%	3



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LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
109	037	CH-181487	-0.4	1.8	<b>6.1</b>	2.3	-0.8	4.8	Black	Black	<b>-58</b>	3.0	2.8	20			<b>183</b>	
110	037	CH-170188	0.1	1.9	5.5	1.8	-0.6	3.4	Striped	Mixed	-13	2.0	3.3	7	Y	0	<b>191</b>	
111	037	CH-181487	-0.5	1.4	6.0	2.0	-0.7	4.9	Black	Mixed	<b>-63</b>	1.0	3.3	10			<b>188</b>	
112	038	CH-190709	0.2	<b>2.3</b>	5.4	<b>2.8</b>	-0.6	2.3	Black	Black	-18	4.0	4.0	2			<b>189</b>	
113	038	CO-182445	-0.3	<b>2.9</b>	<b>8.1</b>	<b>3.7</b>	-1.2	5.0	Black	Black	<b>-56</b>	3.0	3.8	-13	Y	0	<b>179</b>	
114	038	CH-180285	-0.4	1.8	<b>6.2</b>	<b>2.6</b>	-1.3	4.3	Striped	Mixed	-11	3.0	3.3	18			<b>180</b>	
115	039	CH-190709	0.1	<b>2.6</b>	6.0	<b>3.0</b>	-0.7	2.2	Striped	Black	-37	3.0	3.0	3			<b>190</b>	
116	039	CO-182445	<b>0.4</b>	2.2	5.4	<b>2.6</b>	-0.7	3.3	Striped	Mixed	<b>-66</b>	2.5	3.5	7			<b>192</b>	
117	039	CH-170188	-0.2	2.1	5.1	2.2	-0.5	1.3	Striped	Mixed	-40	3.5	4.0	11	Y	0	<b>189</b>	
118	040	CH-170188	0.2	<b>3.0</b>	5.1	<b>2.6</b>	-0.6	1.3	Black	Mixed	-38	2.5	3.8	<b>24</b>	Y	2	<b>190</b>	
119	040	CH-170188	-0.1	<b>2.6</b>	5.7	2.3	-0.6	1.9	Black	Mixed	-27	2.0	3.0	8	Y	1	<b>183</b>	
120	040	CH-170188	<b>0.3</b>	<b>2.8</b>	5.1	2.3	-0.8	2.1	Black	Black	-17	3.0	3.3	11	Y	1	<b>195</b>	
121	041	CH-190709	-0.7	2.2	<b>7.7</b>	<b>3.1</b>	-1.0	4.3	White	Pink	-19	2.0	3.3	0			<b>192</b>	
122	041	CH-181487	-0.7	1.5	<b>7.3</b>	2.5	-1.2	8.1	White	Pink	<b>-60</b>	2.0	3.3	5			<b>190</b>	
123	041	CH-190333	-0.5	1.8	<b>6.6</b>	<b>2.7</b>	-0.8	4.0	White	Pink	-39	3.0	3.3	-6			<b>178</b>	
124	042	CH-191373	<b>0.3</b>	1.8	5.2	2.4	-0.5	3.2	White	Pink	-35	2.5	3.3	14			<b>193</b>	
125	042	CH-170188	-0.1	<b>2.6</b>	<b>6.1</b>	2.3	-0.9	3.7	White	Pink	-4	3.0	3.5	7			<b>187</b>	
126	042	CH-170188	0.2	<b>2.5</b>	<b>6.5</b>	2.3	-0.6	2.2	White	Pink	-40	4.5	3.5	4	Y	0	<b>192</b>	
127	043	CH-181487	-0.1	2.1	5.8	2.3	-0.8	4.2	White	Pink	<b>-60</b>	2.0	3.5	7			<b>178</b>	
128	043	CH-170188	-0.4	<b>2.6</b>	<b>7.2</b>	2.4	-1.0	3.0	White	Pink	-46	2.5	2.8	4	Y	1	<b>195</b>	
129	043	CH-170188	-0.2	<b>2.3</b>	<b>6.7</b>	2.2	-0.7	2.4	White	Pink	<b>-55</b>	1.5	2.3	0			<b>193</b>	
130	044	CH-180793	0.0	<b>2.6</b>	5.7	<b>2.7</b>	-0.7	2.3	Striped	Mixed	<b>-51</b>	3.0	4.0	10	Y	1	<b>187</b>	
131	044	CH-170188	0.1	<b>2.6</b>	6.0	2.4	-0.7	3.0	Black	Mixed	-40	2.5	3.3	10			<b>196</b>	
132	044	CH-170188	-0.6	1.5	<b>6.2</b>	2.0	-0.9	4.2	Striped	Black	-26	3.0	3.5	18	Y	1	<b>194</b>	
133	045	CH-170188	-0.9	<b>2.4</b>	<b>7.0</b>	2.4	-0.9	4.0	Black	Mixed	-35	1.5	4.3	13	Y	2	<b>197</b>	
134	045	CH-181487	-0.5	1.9	<b>6.4</b>	2.2	-1.0	5.8	Black	Black	-47	3.0	3.0	12			<b>184</b>	
135	045	CH-181487	0.0	<b>2.3</b>	5.8	2.1	-0.8	4.4	Black	Black	<b>-48</b>	3.0	3.8	15			<b>191</b>	

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
136	046	202068	174	0.6	10.9	16.2	11.3	-30%	139%	2018	5.7	21%	23%	-0.7	300%	4
137	046	202890	176	0.6	10.1	16.0	13.8	-14%	59%	2019	6.6	30%	35%	-1.1	200%	2
138	046	200195	179	0.5	8.0	13.8	7.8	-44%	133%	2018	6.5	26%	31%	0.3	300%	3
139	047	202026	187	0.5	10.9	17.2	12.2	-29%	342%	2019	7.1	27%	34%	1.6	250%	1
140	047	202492	186	0.8	11.8	18.5	12.9	-30%	116%	2019	8.5	22%	29%	0.4	150%	2
141	047	202776	176	0.5	9.8	17.4	13.7	-21%	88%	2019	7.1	18%	23%	0.7	200%	2
142	048	200894	168	0.4	8.6	14.9	12.0	-20%	160%	2018	5.8	18%	33%	0.6	200%	3
143	048	201307	171	0.8	10.8	16.1	9.8	-39%	107%	2017	5.7	20%	31%	0.2	175%	2
144	048	202378	170	0.4	10.0	15.9	14.8	-7%	108%	2019	6.4	18%	20%	0.4	200%	2
145	049	202046	165	0.5	10.2	15.9	11.0	-31%	58%	2017	5.2	8%	16%	-0.3	100%	1
146	049	200151	163	0.5	9.8	15.0	9.6	-36%	58%	2015	5.7	7%	14%	-0.3	140%	2
147	049	201596	179	0.6	10.4	16.6	12.6	-24%	136%	2018	6.6	27%	38%	-0.6	200%	2
148	050	201390	164	0.6	12.3	18.7	18.6	0%	54%	2018	5.5	13%	17%	0.8	100%	1
149	050	201250	163	0.6	11.7	18.6	19.9	7%	123%	2017	6.5	13%	18%	1.3	250%	3
150	050	200762	165	0.6	11.5	18.1	16.9	-7%	137%	2018	5.0	9%	19%	1.8	200%	2
151	051	201838	168	0.4	10.3	17.1	17.6	3%	58%	2018	6.2	12%	20%	1.0	100%	1
152	051	201590	163	0.8	10.8	17.2	18.7	8%	88%	2018	7.3	19%	23%	0.2	150%	2
153	051	201816	170	0.5	10.9	18.1	17.0	-6%	59%	2017	6.7	14%	20%	-0.2	167%	2
154	052	200453	165	0.5	9.8	15.7	12.1	-23%	110%	2016	5.5	13%	21%	0.0	225%	2
155	052	201808	162	0.4	10.4	16.9	15.8	-6%	95%	2017	5.6	12%	22%	0.0	200%	2
156	052	202102	170	0.3	10.9	17.3	15.9	-8%	61%	2015	6.1	14%	24%	-0.5	160%	1
157	053	201363	167	0.6	11.2	17.3	13.5	-22%	97%	2017	7.3	15%	17%	0.2	250%	3
158	053	202150	163	0.5	10.8	18.7	18.6	-1%	80%	2017	5.7	9%	23%	1.1	200%	2
159	053	200078	164	0.8	12.4	17.7	16.3	-7%	153%	2018	7.2	11%	17%	0.3	150%	2
160	054	200429	170	0.8	11.7	17.6	16.0	-9%	108%	2016	5.5	21%	19%	0.0	200%	2
161	054	200951	166	0.5	11.9	18.6	19.4	4%	94%	2018	6.6	15%	24%	1.1	200%	2
162	054	202656	170	0.6	11.1	18.0	15.3	-15%	116%	2019	5.6	17%	27%	0.8	200%	1



# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
136	046	CH-170529	0.0	2.1	<b>6.3</b>	<b>2.9</b>	-0.7	2.8	Black	Mixed	-26	4.0	3.5	-2	Y	1	<b>178</b>	
137	046	CH-170188	0.0	<b>2.3</b>	5.7	2.2	-0.7	3.2	Black	Mixed	-34	2.0	3.3	4			<b>187</b>	
138	046	CH-170188	-0.2	2.2	5.3	1.9	-0.5	<b>0.9</b>	Black	Mixed	-26	1.5	3.5	10			<b>184</b>	
139	047	CH-190709	0.1	<b>2.5</b>	<b>7.0</b>	<b>2.8</b>	-0.8	3.9	White	Pink	-29	3.0	2.5	-18			<b>195</b>	
140	047	CH-170188	0.2	2.2	5.8	2.2	-0.6	2.8	White	Pink	-15	3.5	3.5	16	Y	1	<b>194</b>	
141	047	CH-191373	-0.1	2.0	5.7	<b>2.7</b>	-0.6	2.2	White	Pink	-42	1.0	3.8	13			<b>185</b>	
142	048	CH-181787	-0.4	2.1	6.0	<b>2.7</b>	-0.8	2.7	Striped	Pink	-23	2.5	4.0	-2			<b>176</b>	
143	048	CH-170188	-0.9	1.1	<b>6.7</b>	1.7	-0.6	4.8	White	Pink	2	2.5	3.8	1	Y	0	<b>176</b>	
144	048	CH-191486	0.0	<b>2.5</b>	5.3	<b>2.7</b>	-0.8	2.8	Striped	Pink	-38	1.0	3.3	15			<b>181</b>	
145	049	CH-170127	-1.0	1.6	<b>6.6</b>	2.3	-0.5	3.1	White	Pink	-43	1.0	4.3	<b>22</b>			<b>168</b>	
146	049	CH-170127	-0.8	1.7	<b>6.4</b>	2.5	-0.4	<b>1.4</b>	Striped	Pink	<b>-58</b>	1.5	3.8	-1			162	
147	049	CH-170188	-0.4	2.2	5.9	2.2	-0.7	3.7	White	Pink	20	2.0	4.8	<b>24</b>	Y	1	<b>190</b>	
148	050	CH-170135	-1.1	0.9	<b>6.3</b>	2.2	-0.7	5.3	Black	Mixed	-38	3.0	4.3	<b>31</b>			<b>181</b>	
149	050	CH-191418	-0.5	1.5	<b>6.3</b>	<b>2.8</b>	-0.8	6.0	Black	Mixed	-40	1.0	3.8	2			<b>179</b>	
150	050	CH-170135	-0.8	1.1	<b>6.4</b>	2.5	-0.8	5.6	Black	Mixed	-30	3.5	4.0	<b>23</b>			<b>180</b>	
151	051	C0-182445	-0.3	<b>2.4</b>	5.9	<b>3.1</b>	-0.8	2.6	Black	Black	<b>-75</b>	3.5	3.5	12			<b>182</b>	
152	051	CH-180191	-1.1	1.4	5.1	1.5	-0.6	1.9	Striped	Mixed	-27	3.0	4.0	<b>33</b>			<b>183</b>	
153	051	CH-181487	-0.2	<b>2.3</b>	<b>6.3</b>	<b>2.8</b>	-0.9	4.5	Striped	Mixed	-52	3.5	3.3	8			<b>180</b>	
154	052	CH-170127	-0.4	1.4	5.5	2.2	-0.4	2.3	Black	Black	-49	2.0	3.8	16			<b>172</b>	
155	052	CH-170135	0.0	1.8	5.5	<b>2.9</b>	-0.6	4.6	Striped	Mixed	-37	2.0	3.8	5			<b>172</b>	
156	052	C0-182445	0.2	<b>2.9</b>	<b>6.9</b>	<b>3.7</b>	-1.0	3.3	Striped	Mixed	<b>-62</b>	1.0	2.8	-18			<b>175</b>	
157	053	CH-170127	-0.7	1.1	5.5	1.8	-0.4	2.5	Striped	Mixed	-21	3.5	3.5	19			<b>176</b>	
158	053	CH-181787	-0.9	1.7	<b>6.9</b>	<b>3.4</b>	-0.8	3.5	Striped	Black	-19	2.0	4.3	5			<b>176</b>	
159	053	CH-170278	-1.1	1.6	<b>6.4</b>	1.9	-0.9	4.2	Black	Black	-9	2.5	3.8	<b>23</b>	Y	2	<b>176</b>	
160	054	CH-190123	-1.5	1.7	<b>7.7</b>	2.3	-1.1	5.6	Black	Black	-22	1.5	2.8	7			<b>181</b>	
161	054	CH-191418	-0.8	1.8	<b>7.0</b>	<b>2.9</b>	-1.0	5.5	Striped	Mixed	-23	2.5	3.0	4			<b>182</b>	
162	054	CH-190709	-0.7	1.5	<b>6.6</b>	<b>2.7</b>	-0.8	4.6	Black	Black	-5	3.0	2.8	5	Y	0	<b>181</b>	

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
163	055	200192	174	0.8	13.5	20.2	19.2	-5%	99%	2017	7.0	21%	25%	0.7	200%	3
164	055	200635	170	0.5	12.3	18.5	17.2	-7%	129%	2018	6.6	8%	14%	1.2	150%	2
165	055	200465	166	0.5	10.2	16.8	16.0	-5%	108%	2018	6.3	19%	27%	-0.5	250%	2
166	056	201954	163	0.7	11.7	19.0	20.0	5%	99%	2018	6.0	9%	16%	1.3	150%	2
167	056	201492	164	0.5	11.0	16.2	13.3	-18%	75%	2013	5.8	17%	13%	0.0	183%	2
168	056	200604	161	0.5	9.3	14.5	13.1	-9%	98%	2013	5.1	11%	20%	0.3	160%	1
169	057	200428	170	0.8	11.6	17.5	15.7	-10%	108%	2016	5.6	21%	19%	0.0	200%	2
170	057	202148	171	0.7	10.8	17.7	14.9	-16%	112%	2018	7.2	16%	14%	0.1	200%	2
171	057	202447	167	0.5	12.4	18.7	17.6	-6%	62%	2019	7.2	13%	13%	-0.3	100%	2
172	058	200163	163	0.5	10.2	16.0	12.8	-20%	122%	2016	5.8	13%	4%	1.5	250%	3
173	058	201496	170	0.6	11.5	17.7	16.3	-8%	93%	2018	7.0	20%	29%	-0.1	200%	2
174	058	200978	161	0.4	9.3	15.3	13.3	-13%	124%	2018	5.1	17%	22%	0.8	250%	2
175	059	200435	164	0.7	11.4	19.0	19.8	4%	56%	2018	5.9	7%	13%	1.2	167%	3
176	059	201132	171	0.7	14.6	20.7	18.8	-9%	63%	2017	7.7	13%	12%	-0.2	225%	3
177	059	200119	170	0.8	11.4	16.4	12.6	-23%	118%	2018	7.0	18%	20%	0.2	200%	2
178	060	200735	165	0.4	10.3	15.9	13.7	-14%	77%	2018	6.1	15%	15%	0.4	100%	1
179	060	202002	164	0.5	11.1	17.2	14.7	-15%	74%	2018	5.8	16%	23%	-0.5	167%	2
180	060	200580	165	0.8	11.3	16.5	14.9	-10%	128%	2018	6.0	22%	21%	-1.6	200%	2
181	061	201717	170	0.5	10.8	17.4	16.5	-5%	74%	2017	6.1	14%	25%	0.9	200%	2
182	061	202014	169	0.4	9.1	15.1	14.2	-6%	50%	2018	7.2	27%	34%	-0.9	100%	1
183	061	201368	163	0.7	10.6	17.9	16.2	-9%	52%	2017	6.7	8%	7%	0.8	150%	2
184	062	200113	161	0.7	11.8	17.9	14.3	-20%	114%	2018	6.8	8%	1%	0.4	200%	2
185	062	201985	169	0.4	10.3	16.8	16.3	-3%	58%	2018	6.3	11%	18%	1.0	100%	1
186	062	200090	168	0.5	11.8	18.0	15.0	-17%	123%	2017	5.3	7%	9%	1.5	200%	2
187	063	201652	163	0.7	11.3	17.4	15.7	-10%	86%	2017	5.4	6%	10%	0.3	200%	2
188	063	202406	168	0.7	10.6	16.2	12.0	-26%	90%	2016	6.1	13%	25%	0.6	160%	1
189	063	200323	166	0.7	11.6	17.2	15.3	-11%	85%	2017	7.2	15%	19%	0.3	167%	2

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
163	055	CH-190123	-1.4	1.4	<b>8.1</b>	<b>2.6</b>	-1.1	6.8	Black	Black	-23	3.0	2.8	-4			<b>188</b>	
164	055	CH-191418	-0.5	<b>2.7</b>	<b>7.5</b>	<b>3.4</b>	-1.2	6.3	Striped	Mixed	-40	1.0	4.0	2			<b>179</b>	
165	055	CH-181487	-0.3	1.6	5.9	2.3	-0.8	5.9	Black	Mixed	-56	1.0	3.3	10			<b>178</b>	
166	056	CH-191418	-0.7	1.9	<b>6.6</b>	<b>3.3</b>	-0.9	4.0	Striped	Mixed	-34	3.0	3.8	8			<b>178</b>	
167	056	CH-180189	-0.5	1.6	<b>6.4</b>	2.3	-0.8	4.6	Striped	Black	3	1.5	3.8	3			<b>172</b>	
168	056	CH-181487	-0.2	<b>2.5</b>	<b>6.2</b>	2.4	-0.9	5.2	Black	Black	-46	4.0	3.5	-1			<b>168</b>	
169	057	CH-190123	-1.2	1.9	<b>7.5</b>	2.5	-1.0	5.4	Striped	Mixed	-15	2.0	3.0	2			<b>181</b>	
170	057	CH-190333	-0.6	1.7	5.6	2.3	-0.6	1.4	Striped	Mixed	-53	2.0	4.0	20			<b>181</b>	
171	057	CH-180285	-0.1	2.2	<b>6.3</b>	<b>3.1</b>	-1.3	5.7	Striped	Mixed	-22	3.5	3.0	4			<b>177</b>	
172	058	CH-190040	-0.9	1.5	<b>6.5</b>	2.5	-0.7	3.9	Striped	Mixed	-10	2.0	3.8	1			<b>170</b>	
173	058	CH-190157	-0.2	2.0	6.0	<b>2.7</b>	-0.7	4.3	Black	Black	-1	1.0	3.0	3			<b>181</b>	
174	058	CH-170135	-0.3	1.1	5.2	2.4	-0.7	3.7	Black	Mixed	-14	2.5	3.8	5			<b>172</b>	
175	059	CH-180793	-0.5	2.2	<b>6.9</b>	<b>3.6</b>	-1.0	4.3	Striped	Mixed	-53	3.5	3.0	1			<b>177</b>	
176	059	CH-190323	-1.1	1.7	<b>8.2</b>	<b>2.9</b>	-1.1	7.4	Black	Mixed	-29	1.0	3.5	-3	Y	0	<b>179</b>	
177	059	CH-170278	-0.9	1.9	<b>6.8</b>	2.0	-0.9	4.3	Striped	Mixed	-12	2.0	3.3	0			<b>177</b>	
178	060	CH-180189	-0.3	2.0	<b>6.3</b>	2.5	-0.8	4.2	Striped	Mixed	-32	2.0	3.8	-4			<b>172</b>	
179	060	CH-170529	-0.3	2.2	<b>6.3</b>	<b>3.2</b>	-0.8	3.4	Black	Mixed	42	2.5	3.5	-4			<b>171</b>	
180	060	CH-190123	-0.8	1.8	<b>6.6</b>	2.0	-0.8	3.8	Black	Black	-17	1.0	3.3	-1			<b>173</b>	
181	061	CO-182445	-0.2	2.0	<b>6.3</b>	<b>2.8</b>	-0.8	3.1	Striped	Mixed	-64	1.0	3.3	8			<b>182</b>	
182	061	CH-170188	<b>0.7</b>	<b>2.3</b>	4.4	2.3	-0.4	1.0	Striped	Mixed	-31	1.5	3.0	-2	Y	1	<b>181</b>	
183	061	CH-190333	-0.4	1.6	5.9	<b>2.7</b>	-0.7	2.9	Striped	Mixed	-51	4.5	3.5	5			<b>172</b>	
184	062	CH-190040	-1.3	1.3	<b>7.0</b>	2.5	-0.8	4.1	Striped	Mixed	-14	2.0	3.5	3			<b>167</b>	
185	062	CO-182445	0.1	<b>2.7</b>	5.9	<b>3.2</b>	-0.8	2.9	Striped	Mixed	-67	3.0	3.5	1			<b>179</b>	
186	062	CH-170135	-0.9	1.7	<b>7.3</b>	<b>2.9</b>	-0.9	5.5	Striped	Mixed	-44	2.0	4.5	14			<b>177</b>	
187	063	CH-180793	-0.2	<b>2.5</b>	<b>6.8</b>	<b>3.4</b>	-0.9	5.0	Striped	Mixed	-31	2.5	3.8	4			<b>170</b>	
188	063	CH-191280	-0.6	1.9	<b>6.4</b>	2.4	-0.7	3.8	Black	Black	-1	1.0	3.0	-4			<b>173</b>	
189	063	CH-190323	-1.1	1.9	<b>7.1</b>	2.5	-0.9	4.7	Striped	Mixed	-24	2.5	3.3	-7			<b>174</b>	



# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
190	064	200915	<b>163</b>	0.9	<b>11.7</b>	<b>17.9</b>	16.3	-9%	43%	2015	<b>6.3</b>	13%	9%	-0.1	300%	3
191	064	201836	<b>162</b>	0.7	<b>11.3</b>	<b>18.2</b>	13.7	-24%	42%	2018	<b>7.2</b>	8%	5%	-0.4	167%	1
192	064	202215	<b>165</b>	0.3	<b>10.6</b>	<b>17.2</b>	16.5	-4%	41%	2018	<b>6.6</b>	13%	14%	0.9	100%	1
193	065	200583	<b>161</b>	0.3	<b>11.0</b>	<b>17.9</b>	18.2	2%	81%	2018	<b>6.1</b>	13%	<b>24%</b>	-0.3	250%	3
194	065	201814	<b>169</b>	0.2	<b>10.4</b>	<b>16.4</b>	15.7	-4%	100%	2018	<b>5.9</b>	12%	<b>25%</b>	0.6	100%	2
195	065	200026	<b>165</b>	0.4	<b>10.2</b>	<b>16.1</b>	13.9	-14%	62%	2018	5.4	12%	<b>22%</b>	0.4	100%	1
196	066	202346	<b>161</b>	0.3	8.8	14.0	12.6	-10%	122%	2013	<b>5.6</b>	<b>17%</b>	<b>23%</b>	0.7	243%	4
197	066	202100	<b>169</b>	0.7	<b>10.7</b>	<b>17.2</b>	15.7	-9%	43%	2018	<b>6.6</b>	13%	<b>21%</b>	<b>1.6</b>	100%	2
198	066	202660	<b>163</b>	0.7	<b>10.2</b>	<b>17.1</b>	13.9	-19%	116%	2019	<b>6.1</b>	14%	<b>25%</b>	0.2	200%	2
199	067	202008	<b>166</b>	0.5	<b>10.3</b>	<b>16.3</b>	12.2	-25%	71%	2014	<b>6.9</b>	14%	<b>21%</b>	-0.3	200%	2
200	067	201677	<b>168</b>	0.5	9.3	15.1	11.2	-26%	114%	2018	<b>5.8</b>	<b>19%</b>	<b>25%</b>	-0.1	250%	3
201	067	201659	<b>170</b>	0.2	<b>10.5</b>	<b>16.3</b>	13.7	-16%	61%	2015	<b>5.7</b>	13%	<b>22%</b>	-0.5	160%	2
202	068	202916	<b>168</b>	0.2	9.4	<b>15.8</b>	14.3	-9%	102%	2018	<b>7.2</b>	<b>25%</b>	<b>27%</b>	-0.7	250%	3
203	068	202594	<b>166</b>	0.6	9.0	<b>15.5</b>	13.3	-14%	67%	2018	5.3	16%	<b>24%</b>	-0.5	167%	2
204	068	201667	<b>162</b>	0.5	9.8	13.9	13.9	0%	88%	2016	5.3	13%	20%	0.8	140%	2
205	069	202507	<b>167</b>	0.5	9.8	<b>16.8</b>	15.8	-6%	102%	2019	<b>6.4</b>	16%	<b>25%</b>	-0.1	200%	2
206	069	201362	<b>161</b>	0.5	8.7	14.3	11.2	-22%	99%	2015	4.6	15%	17%	-0.1	225%	3
207	069	202477	<b>171</b>	0.4	<b>10.9</b>	<b>16.9</b>	14.0	-17%	44%	2019	<b>7.1</b>	<b>22%</b>	<b>25%</b>	-0.6	300%	3
208	070	200713	<b>170</b>	0.8	<b>11.3</b>	<b>17.1</b>	11.1	-35%	105%	2014	5.4	15%	17%	-0.4	233%	2
209	070	202714	<b>164</b>	0.4	9.0	<b>16.0</b>	14.6	-9%	78%	2019	5.4	14%	19%	0.1	150%	2
210	070	202455	<b>171</b>	0.3	9.6	<b>15.4</b>	11.7	-24%	105%	2019	<b>6.3</b>	<b>20%</b>	<b>22%</b>	-0.2	250%	2
211	071	202749	<b>168</b>	0.5	<b>10.7</b>	<b>17.0</b>	15.7	-8%	78%	2019	<b>6.5</b>	<b>17%</b>	<b>25%</b>	-0.3	200%	2
212	071	202307	<b>169</b>	0.5	9.1	<b>15.6</b>	13.8	-12%	97%	2018	<b>6.3</b>	<b>24%</b>	<b>30%</b>	-1.2	200%	2
213	071	201912	<b>171</b>	0.2	9.3	14.7	13.0	-12%	74%	2018	<b>5.7</b>	<b>17%</b>	19%	1.1	267%	3
214	072	200343	<b>163</b>	0.4	9.6	<b>15.6</b>	12.1	-22%	112%	2018	<b>6.0</b>	<b>17%</b>	<b>23%</b>	0.1	200%	2
215	072	202950	<b>164</b>	0.3	8.4	13.8	11.5	-16%	79%	2019	<b>6.2</b>	<b>26%</b>	<b>22%</b>	-1.2	200%	2
216	072	201464	<b>165</b>	0.7	9.8	<b>15.6</b>	12.2	-22%	114%	2013	5.4	10%	15%	0.7	233%	2

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
190	064	CH-180191	-1.4	1.3	<b>6.9</b>	2.1	-0.8	3.7	Black	Mixed	-29	2.0	3.5	21			<b>174</b>	
191	064	CH-190773	-1.1	1.2	<b>6.4</b>	2.3	-0.5	2.2	Striped	Mixed	-16	3.5	3.3	15	Y	0	<b>167</b>	
192	064	CH-191418	-0.5	2.1	<b>6.2</b>	<b>3.0</b>	-0.9	3.8	Black	Black	-23	1.5	3.8	8			<b>177</b>	
193	065	CH-181787	-1.0	1.7	<b>6.9</b>	<b>3.1</b>	-0.9	4.8	Black	Black	-25	1.5	3.8	10			<b>174</b>	
194	065	CO-182445	<b>0.4</b>	<b>3.0</b>	<b>6.2</b>	<b>3.7</b>	-0.8	3.7	Black	Mixed	<b>-64</b>	2.0	3.3	-8			<b>177</b>	
195	065	CH-190709	-0.6	2.1	<b>6.9</b>	<b>2.9</b>	-0.9	4.0	Black	Mixed	-13	3.0	4.0	5			<b>173</b>	
196	066	CH-190709	-0.6	<b>2.3</b>	<b>6.3</b>	2.5	-0.8	2.8	Striped	Mixed	10	3.0	3.0	-6			<b>169</b>	
197	066	CH-191418	-0.7	<b>2.3</b>	<b>6.7</b>	<b>2.6</b>	-1.2	3.9	Striped	Mixed	-12	1.5	3.5	4	Y	1	<b>180</b>	
198	066	CH-181589	-0.7	0.8	5.7	2.1	-0.5	2.4	Black	Black	-30	2.0	3.0	6	Y	1	<b>172</b>	
199	067	CH-170127	-1.2	1.3	<b>6.1</b>	1.8	-0.5	2.0	Black	Mixed	-22	2.5	3.8	16			<b>172</b>	
200	067	CH-180189	-0.2	2.1	6.0	2.3	-0.7	2.7	Striped	Mixed	-15	1.0	3.3	2			<b>174</b>	
201	067	CO-182445	0.2	<b>3.0</b>	<b>7.1</b>	<b>3.6</b>	-1.0	3.5	Striped	Black	<b>-62</b>	1.5	3.3	-18			<b>172</b>	
202	068	CH-180285	<b>0.7</b>	2.2	4.4	<b>2.6</b>	-0.9	3.4	Black	Black	-20	3.0	3.5	0			<b>179</b>	
203	068	CH-191280	0.0	<b>2.7</b>	5.6	<b>3.2</b>	-0.7	1.4	Black	Black	-19	1.5	3.3	-1			<b>173</b>	
204	068	CH-180191	-0.5	<b>2.6</b>	5.7	2.2	-0.6	2.7	Black	Black	-30	1.0	3.8	18	Y	1	<b>173</b>	
205	069	CH-181487	-0.5	1.7	5.7	2.4	-0.7	3.3	Black	Mixed	<b>-57</b>	2.0	3.5	19			<b>179</b>	
206	069	CH-180189	-0.2	1.9	5.8	2.4	-0.7	2.9	Black	Mixed	-13	1.0	3.5	3			<b>166</b>	
207	069	CH-180285	-0.4	1.9	<b>6.1</b>	2.3	-1.2	4.9	Striped	Black	2	2.5	3.8	10			<b>180</b>	
208	070	CH-191280	-0.8	1.4	<b>7.0</b>	2.3	-0.7	3.9	Striped	Black	-27	3.5	3.5	3	Y	0	<b>173</b>	
209	070	CH-191373	-0.2	2.0	5.2	<b>2.8</b>	-0.5	1.7	Striped	Mixed	-36	2.5	3.5	<b>23</b>			<b>176</b>	
210	070	CH-190192	-0.1	2.1	5.7	2.5	-0.9	3.4	Black	Mixed	-24	2.0	4.0	14			<b>178</b>	
211	071	CH-181487	-0.2	2.0	6.0	2.3	-0.9	5.0	Striped	Mixed	-45	2.0	3.3	5			<b>178</b>	
212	071	CH-190123	-0.5	<b>2.4</b>	<b>6.1</b>	<b>2.6</b>	-0.8	2.1	Striped	Mixed	-16	2.0	2.3	1			<b>177</b>	
213	071	CH-181487	0.1	<b>2.4</b>	5.7	<b>2.6</b>	-0.8	5.0	Black	Black	<b>-72</b>	3.0	3.8	10			<b>181</b>	
214	072	CH-190709	-0.7	1.4	<b>6.5</b>	<b>2.6</b>	-0.7	2.8	Black	Black	-11	3.0	3.5	-13			<b>169</b>	
215	072	CH-180285	<b>0.4</b>	2.0	4.4	2.2	-0.9	2.9	Striped	Black	-9	2.0	3.8	7			<b>172</b>	
216	072	CH-191418	-0.3	<b>2.4</b>	<b>6.5</b>	<b>2.9</b>	-0.9	4.0	Striped	Mixed	-9	1.5	3.3	-1			<b>169</b>	

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
217	073	200812	<b>165</b>	0.5	<b>10.9</b>	<b>15.8</b>	12.6	-20%	137%	2017	4.3	7%	10%	1.2	200%	2
218	073	202052	<b>161</b>	0.5	9.8	<b>15.9</b>	12.7	-20%	113%	2018	<b>6.0</b>	6%	9%	0.5	150%	2
219	073	200333	<b>161</b>	0.3	7.9	13.7	12.9	-6%	70%	2015	<b>5.5</b>	16%	20%	0.0	225%	3
220	074	201886	<b>166</b>	0.5	<b>10.8</b>	<b>17.5</b>	13.6	-22%	93%	2018	<b>6.1</b>	13%	17%	0.0	200%	2
221	074	201116	<b>168</b>	0.8	<b>10.8</b>	<b>16.0</b>	11.1	-30%	95%	2015	4.7	2%	3%	<b>1.5</b>	150%	3
222	074	200101	<b>167</b>	0.5	<b>10.4</b>	<b>15.3</b>	13.2	-13%	155%	2018	<b>6.7</b>	<b>22%</b>	<b>33%</b>	0.4	250%	3
223	075	200079	<b>160</b>	0.8	<b>11.9</b>	<b>16.1</b>	12.2	-24%	153%	2018	<b>6.6</b>	9%	14%	0.3	150%	2
224	075	202649	<b>164</b>	0.4	8.7	14.8	11.6	-22%	116%	2019	5.3	15%	<b>25%</b>	0.5	200%	1
225	075	202456	<b>168</b>	0.2	8.5	14.1	10.1	-28%	105%	2019	<b>6.0</b>	<b>19%</b>	<b>22%</b>	-0.2	250%	2
226	076	202659	<b>161</b>	0.4	8.1	13.6	8.8	-35%	116%	2019	5.3	12%	<b>23%</b>	0.3	200%	2
227	076	202163	<b>164</b>	0.3	8.2	13.0	8.6	-34%	123%	2018	5.1	13%	15%	-0.2	200%	2
228	076	202356	<b>168</b>	0.4	9.9	15.2	12.1	-20%	113%	2017	<b>5.7</b>	<b>22%</b>	<b>28%</b>	0.0	275%	4
229	077	202652	<b>166</b>	0.5	<b>11.3</b>	15.0	8.2	-46%	66%	2019	4.4	10%	11%	0.8	100%	1
230	077	200855	<b>165</b>	0.8	9.8	14.9	10.7	-28%	85%	2014	5.3	15%	20%	-0.5	183%	2
231	077	201114	<b>161</b>	0.2	8.3	13.2	11.6	-12%	101%	2018	<b>6.0</b>	<b>24%</b>	<b>26%</b>	-1.3	300%	3
232	078	201300	<b>166</b>	0.7	<b>11.1</b>	<b>17.2</b>	11.5	-33%	96%	2016	<b>6.2</b>	3%	4%	0.4	200%	1
233	078	201647	<b>167</b>	0.5	9.8	15.1	11.2	-26%	95%	2018	<b>7.2</b>	<b>20%</b>	<b>28%</b>	0.5	167%	2
234	078	200281	<b>169</b>	0.5	8.9	14.9	13.0	-12%	79%	2017	<b>6.2</b>	16%	20%	0.4	167%	2
235	079	201968	<b>162</b>	0.4	9.7	15.0	13.9	-8%	85%	2018	5.4	13%	19%	<b>1.5</b>	250%	2
236	079	201378	<b>163</b>	0.6	10.0	<b>15.7</b>	11.8	-25%	83%	2018	<b>6.1</b>	16%	17%	-0.2	150%	2
237	079	200834	<b>161</b>	0.4	<b>10.3</b>	<b>15.6</b>	11.7	-25%	107%	2016	<b>6.1</b>	7%	4%	-0.2	200%	3
238	080	200259	<b>164</b>	0.5	<b>11.8</b>	<b>17.4</b>	15.1	-13%	96%	2014	<b>6.1</b>	8%	12%	0.5	175%	2
239	080	202244	<b>162</b>	0.6	9.6	<b>15.5</b>	10.5	-32%	61%	2017	<b>5.8</b>	13%	16%	-0.6	200%	1
240	080	200858	<b>162</b>	0.4	8.2	13.5	13.9	3%	37%	2017	<b>6.7</b>	<b>24%</b>	<b>28%</b>	0.7	300%	3
241	081	200405	<b>163</b>	0.6	<b>12.1</b>	<b>17.0</b>	14.3	-16%	163%	2018	<b>6.5</b>	<b>19%</b>	9%	0.2	300%	3
242	081	200036	<b>167</b>	0.6	<b>10.7</b>	<b>16.9</b>	15.1	-10%	111%	2011	<b>6.2</b>	12%	<b>22%</b>	0.8	233%	3
243	081	202763	<b>165</b>	0.8	<b>11.8</b>	<b>19.0</b>	16.1	-15%	42%	2018	<b>7.6</b>	12%	8%	0.0	167%	2



# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$I	Notes
217	073	CH-170135	-0.5	1.9	<b>6.6</b>	<b>2.8</b>	-0.9	5.4	Black	Mixed	-50	1.0	3.3	16			<b>172</b>	
218	073	CH-190137	-0.1	1.8	5.3	<b>2.6</b>	-0.3	1.6	Black	Mixed	-55	1.0	3.8	4			165	
219	073	CH-181487	0.2	<b>2.3</b>	5.1	<b>2.6</b>	-0.7	2.5	Striped	Mixed	<b>-76</b>	2.5	3.5	0			<b>169</b>	
220	074	CH-170135	-0.6	1.2	5.9	2.5	-0.6	3.3	Black	Black	-25	2.0	3.8	9			<b>173</b>	
221	074	CH-190137	-0.6	<b>2.9</b>	<b>7.8</b>	<b>3.5</b>	-1.1	4.5	Black	Mixed	<b>-58</b>	1.5	3.0	-9	Y	1	<b>167</b>	
222	074	CH-190157	-0.5	1.6	5.8	2.0	-0.5	3.6	Striped	Mixed	-20	1.0	2.5	-4			<b>178</b>	
223	075	CH-170278	-1.2	1.3	<b>6.8</b>	1.7	-1.0	4.9	Striped	Mixed	-15	2.5	3.0	2	Y	2	165	
224	075	CH-190709	0.0	1.9	5.8	<b>2.7</b>	-0.6	2.7	Black	Black	-37	1.0	3.3	-12	Y	0	<b>169</b>	
225	075	CH-190192	0.0	2.2	5.3	2.4	-0.9	2.8	Black	Mixed	-24	1.5	3.8	10			<b>174</b>	
226	076	CH-181589	-0.2	1.2	5.0	2.1	-0.4	2.1	Black	Mixed	-50	2.0	3.3	0	Y	0	164	
227	076	CH-181487	0.1	<b>2.3</b>	5.3	2.1	-0.8	3.9	Striped	Mixed	-54	3.0	3.5	10			<b>166</b>	
228	076	CH-190709	-0.6	1.7	<b>6.6</b>	2.3	-0.7	3.3	Striped	Mixed	-15	1.0	3.8	-3			<b>176</b>	
229	077	CH-180689	-1.3	1.7	<b>8.3</b>	2.3	-1.1	6.8	Striped	Pink	17	1.5	3.0	-3	Y	0	165	
230	077	CH-180191	-0.9	1.3	5.6	1.8	-0.5	2.2	Striped	Pink	-42	3.5	3.8	<b>28</b>	Y	1	<b>172</b>	
231	077	CH-170529	<b>0.5</b>	<b>2.4</b>	4.8	<b>2.8</b>	-0.5	1.7	Striped	Pink	-20	5.0	3.5	-15			<b>167</b>	
232	078	CH-190773	-1.1	1.8	<b>7.2</b>	2.5	-0.8	3.6	Striped	Pink	-42	1.0	3.3	14			<b>168</b>	
233	078	CH-190157	0.2	1.6	4.9	1.9	-0.4	2.3	White	Pink	-9	1.0	3.3	-10			<b>173</b>	
234	078	CH-180191	-0.7	<b>2.4</b>	5.7	<b>2.6</b>	-0.8	2.0	Striped	Pink	-52	2.0	3.3	20	Y	2	<b>178</b>	
235	079	CH-191418	-0.5	2.1	<b>6.4</b>	<b>2.8</b>	-0.9	5.5	Striped	Pink	-7	1.5	3.8	1			<b>172</b>	
236	079	CH-170127	-1.0	1.1	6.0	2.0	-0.6	2.4	Striped	Pink	-34	2.5	4.3	1			<b>169</b>	
237	079	CH-190040	-0.4	2.2	<b>6.4</b>	<b>2.8</b>	-0.7	4.2	White	Pink	-37	1.5	3.0	-4			162	
238	080	CH-191418	-0.8	<b>2.4</b>	<b>7.9</b>	<b>3.2</b>	-1.1	6.6	Striped	Pink	-5	2.0	3.3	-6			<b>170</b>	
239	080	CH-170127	-1.0	0.9	5.8	1.7	-0.4	2.1	White	Pink	-40	2.0	3.3	11			<b>166</b>	
240	080	CH-190157	<b>0.3</b>	2.2	3.8	2.2	-0.3	<b>0.9</b>	White	Pink	-8	2.0	3.3	0	Y	0	<b>175</b>	
241	081	CH-190040	-1.4	1.3	<b>7.6</b>	2.3	-1.0	6.3	White	Pink	9	3.0	3.0	-13			<b>170</b>	
242	081	CH-191418	-0.3	2.0	<b>6.7</b>	<b>2.7</b>	-0.9	5.7	White	Pink	-50	2.5	3.5	-1	Y	Unknown	<b>176</b>	
243	081	CH-190333	-1.0	1.1	<b>6.4</b>	2.3	-0.6	2.7	Striped	Pink	-39	3.0	3.0	3			<b>173</b>	

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
244	082	201928	169	0.8	11.6	18.2	16.6	-9%	132%	2012	5.7	19%	22%	-0.5	225%	2
245	082	201007	170	0.7	10.8	16.6	14.8	-11%	105%	2017	6.2	16%	19%	0.1	200%	2
246	082	200135	171	0.8	11.4	17.3	14.6	-16%	121%	2017	6.9	17%	23%	-0.1	200%	3
247	083	202075	165	0.5	10.7	16.1	14.0	-13%	118%	2013	5.7	11%	17%	0.4	183%	2
248	083	202083	166	0.7	11.6	18.3	18.1	-1%	104%	2018	6.9	15%	18%	-0.1	200%	2
249	083	200900	161	0.3	9.1	15.1	14.1	-7%	84%	2015	5.3	20%	24%	1.2	200%	3
250	084	201020	168	0.6	11.1	17.2	15.3	-11%	81%	2014	6.9	12%	19%	0.8	183%	2
251	084	201289	163	0.5	9.6	15.4	14.0	-9%	53%	2015	5.6	14%	23%	-0.2	150%	1
252	084	201824	168	0.6	11.4	18.9	19.2	1%	97%	2018	6.7	15%	19%	0.9	200%	2
253	085	201018	169	0.7	9.6	16.6	15.6	-6%	100%	2018	6.6	20%	25%	0.1	200%	2
254	085	202236	163	0.7	10.7	17.6	17.4	-1%	98%	2014	6.7	18%	23%	-0.5	200%	2
255	085	201668	169	1.1	13.3	19.5	19.1	-2%	88%	2016	8.1	15%	23%	1.4	140%	2
256	086	200661	161	0.4	8.8	15.0	15.2	1%	49%	2012	5.4	12%	18%	0.1	150%	2
257	086	201058	164	0.4	9.6	14.3	13.4	-6%	154%	2018	5.9	20%	26%	0.7	300%	2
258	086	201121	168	0.3	9.2	15.6	10.3	-34%	80%	2017	5.9	11%	21%	-0.9	175%	2
259	087	202591	163	0.6	9.0	13.7	10.3	-25%	90%	2015	4.9	20%	23%	-0.8	167%	2
260	087	200398	168	0.8	14.1	19.8	17.6	-11%	56%	2018	7.3	14%	11%	-0.2	200%	3
261	087	200772	164	0.3	8.1	14.1	9.7	-31%	74%	2017	4.7	11%	19%	0.8	133%	2
262	088	202369	171	0.4	10.4	16.0	9.5	-41%	63%	2019	5.4	11%	14%	0.1	150%	1
263	088	202206	169	0.5	9.4	14.0	10.4	-26%	71%	2017	6.2	22%	26%	-0.4	167%	2
264	088	200482	167	0.7	9.8	14.8	10.5	-29%	85%	2018	5.5	16%	24%	-1.1	250%	2
265	089	201799	168	0.3	10.7	16.8	15.0	-11%	94%	2015	6.6	16%	19%	0.3	233%	3
266	089	202152	166	0.4	9.4	16.3	13.2	-19%	85%	2018	6.3	17%	24%	-0.8	200%	2
267	089	202234	167	0.4	8.9	15.9	14.6	-8%	90%	2018	6.2	19%	26%	0.2	200%	2
268	090	201918	165	0.6	9.3	15.5	12.5	-19%	88%	2016	6.0	8%	8%	0.8	220%	3
269	090	201858	163	0.6	9.9	15.9	13.9	-12%	81%	2017	5.5	9%	14%	-0.4	167%	2
270	090	202851	166	0.4	9.3	15.4	13.5	-13%	48%	2019	5.5	13%	22%	0.4	150%	1

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
244	082	CH-190123	-1.4	2.0	<b>8.1</b>	<b>2.8</b>	-1.2	5.6	Striped	Pink	-22	3.0	3.3	-5			<b>179</b>	
245	082	CH-180191	-0.9	2.0	<b>6.5</b>	2.3	-0.6	2.9	White	Pink	<b>-60</b>	3.5	3.8	19	Y	1	<b>181</b>	
246	082	CH-170127	-0.6	1.7	6.0	2.0	-0.5	2.2	White	Pink	-49	1.5	2.8	6			<b>180</b>	
247	083	CH-181487	-0.3	1.9	<b>6.1</b>	2.4	-0.9	5.4	White	Pink	-56	1.5	3.3	12			<b>173</b>	
248	083	CH-180191	-0.9	1.7	<b>6.3</b>	2.5	-0.7	2.8	Striped	Pink	-46	3.0	3.8	14	Y	1	<b>179</b>	
249	083	CH-190709	-0.4	1.6	5.8	<b>2.7</b>	-0.8	2.8	White	Pink	15	3.5	3.3	-7			<b>173</b>	
250	084	CH-191418	-0.3	2.1	6.0	<b>2.8</b>	-0.8	4.1	White	Pink	-27	1.5	4.0	7			<b>177</b>	
251	084	CH-181487	0.2	1.9	5.1	2.4	-0.7	4.6	White	Pink	-54	1.5	3.5	12			<b>173</b>	
252	084	CH-191418	-0.5	2.0	<b>6.6</b>	<b>3.2</b>	-1.2	4.8	Striped	Pink	-16	2.5	3.3	3			<b>182</b>	
253	085	CH-180793	<b>0.4</b>	2.0	4.5	2.5	-0.4	1.6	Striped	Pink	-40	1.0	4.3	14	Y	0	<b>181</b>	
254	085	CH-190123	-0.4	2.2	<b>6.1</b>	<b>2.7</b>	-0.8	2.8	Black	Pink	4	2.0	2.8	-8			<b>174</b>	
255	085	CH-180191	-2.1	1.1	<b>7.2</b>	1.5	-0.9	4.4	White	Pink	-14	2.0	4.3	19	Y	1	<b>187</b>	
256	086	CH-181487	<b>0.4</b>	<b>2.3</b>	4.6	<b>2.7</b>	-0.6	2.4	Striped	Pink	<b>-62</b>	2.0	4.3	16			<b>172</b>	
257	086	CH-190157	<b>0.6</b>	<b>2.5</b>	4.9	<b>2.6</b>	-0.4	2.8	White	Pink	6	1.5	3.0	-11			<b>173</b>	
258	086	CH-170127	-0.3	2.0	5.5	<b>2.6</b>	-0.3	<b>0.8</b>	White	Pink	-39	3.5	4.5	<b>23</b>			<b>171</b>	
259	087	CH-191280	-0.4	1.5	5.5	2.1	-0.8	4.3	Striped	Pink	-52	1.0	3.0	0			<b>168</b>	
260	087	CH-190333	-1.4	1.0	<b>7.7</b>	2.0	-1.0	6.1	White	Pink	-47	2.5	4.3	12	Y	1	<b>179</b>	
261	087	CH-190709	0.2	2.2	5.9	<b>3.1</b>	-0.6	2.0	Striped	Pink	-22	2.0	3.3	-5			<b>166</b>	
262	088	CH-190192	-0.4	<b>2.7</b>	<b>7.9</b>	<b>3.2</b>	-1.3	5.8	White	Pink	3	1.5	3.3	-12	Y	1	<b>169</b>	
263	088	CH-170188	-0.3	<b>2.3</b>	5.7	2.0	-0.7	3.0	White	Pink	-14	1.5	3.3	2	Y	1	<b>174</b>	
264	088	CH-191280	-0.8	2.1	<b>6.3</b>	2.3	-0.7	3.1	White	Pink	-25	2.5	3.0	12			<b>171</b>	
265	089	CH-181487	-0.3	1.9	<b>6.4</b>	<b>2.6</b>	-0.9	5.0	White	Pink	-50	1.5	3.0	-4			<b>176</b>	
266	089	CH-170127	-0.5	1.4	5.3	2.1	-0.2	<b>0.7</b>	White	Pink	-40	2.5	3.3	19	Y	0	<b>175</b>	
267	089	CH-181487	0.2	1.9	4.9	2.5	-0.5	2.3	Striped	Pink	-41	2.5	3.0	9			<b>178</b>	
268	090	CH-190773	-0.7	2.2	5.6	<b>2.6</b>	-0.5	<b>-0.1</b>	White	Pink	-27	3.0	3.8	<b>27</b>			<b>172</b>	
269	090	CH-180793	-0.1	<b>2.5</b>	6.0	<b>3.1</b>	-0.9	3.2	White	Pink	-47	1.0	4.8	6			<b>168</b>	
270	090	CH-181487	0.0	<b>2.3</b>	5.9	2.5	-0.8	4.4	White	Pink	-55	2.0	3.5	9			<b>174</b>	



# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
271	091	201906	<b>163</b>	0.5	9.6	14.9	12.3	-17%	65%	2018	<b>5.7</b>	14%	20%	0.0	200%	2
272	091	202562	<b>163</b>	0.2	9.5	15.0	11.5	-24%	105%	2019	<b>5.5</b>	14%	15%	-0.4	150%	2
273	091	202327	<b>166</b>	0.6	7.9	14.3	10.1	-29%	95%	2016	4.2	15%	17%	0.6	240%	3
274	092	202105	<b>167</b>	0.2	9.7	15.2	12.2	-20%	61%	2015	5.2	12%	<b>22%</b>	-0.5	160%	1
275	092	200060	<b>171</b>	0.5	<b>10.8</b>	<b>16.0</b>	14.9	-7%	155%	2018	<b>6.9</b>	<b>23%</b>	<b>34%</b>	0.4	250%	3
276	092	200444	<b>169</b>	0.6	<b>10.4</b>	<b>16.6</b>	13.7	-18%	112%	2017	<b>6.1</b>	15%	<b>21%</b>	-0.1	200%	2
277	093	200699	<b>161</b>	0.6	<b>10.3</b>	<b>15.9</b>	16.4	3%	109%	2017	<b>6.0</b>	<b>19%</b>	<b>30%</b>	0.5	250%	3
278	093	202413	<b>165</b>	0.7	<b>12.0</b>	<b>18.4</b>	14.7	-20%	69%	2016	<b>7.1</b>	3%	5%	0.7	233%	3
279	093	201611	<b>162</b>	0.7	<b>10.4</b>	<b>17.1</b>	13.5	-21%	96%	2016	<b>6.6</b>	5%	5%	0.4	200%	2
280	094	202057	<b>163</b>	0.6	<b>10.4</b>	<b>17.3</b>	15.3	-12%	97%	2017	<b>5.8</b>	11%	18%	0.3	267%	4
281	094	200647	<b>167</b>	0.4	<b>10.5</b>	<b>16.6</b>	13.6	-18%	95%	2014	<b>5.5</b>	8%	20%	1.2	180%	1
282	094	200348	<b>163</b>	0.8	<b>10.8</b>	<b>17.5</b>	15.5	-11%	118%	2018	<b>6.4</b>	16%	17%	-0.2	167%	2
283	095	200822	<b>168</b>	0.5	<b>10.6</b>	<b>16.8</b>	13.5	-20%	110%	2016	<b>6.6</b>	<b>17%</b>	<b>21%</b>	0.9	240%	2
284	095	200624	<b>164</b>	0.9	<b>12.3</b>	<b>18.7</b>	13.9	-26%	65%	2018	<b>7.1</b>	8%	11%	-0.6	200%	2
285	095	202202	<b>165</b>	0.9	<b>12.6</b>	<b>18.1</b>	18.3	1%	83%	2018	<b>5.6</b>	<b>17%</b>	18%	0.5	150%	2
286	096	200213	<b>161</b>	0.5	9.7	<b>16.1</b>	14.4	-11%	89%	2015	<b>6.1</b>	9%	19%	-0.1	150%	3
287	096	202000	<b>162</b>	0.6	<b>10.9</b>	<b>16.8</b>	16.3	-3%	84%	2018	<b>5.6</b>	15%	18%	-0.4	150%	2
288	096	200161	<b>164</b>	0.4	<b>10.4</b>	<b>15.8</b>	14.2	-10%	84%	2015	5.4	16%	<b>26%</b>	0.9	175%	3
289	097	202552	<b>163</b>	0.7	<b>12.3</b>	<b>19.7</b>	21.0	7%	41%	2019	<b>7.6</b>	<b>17%</b>	15%	-0.6	150%	2
290	097	200116	<b>168</b>	0.6	<b>12.2</b>	<b>17.8</b>	15.2	-15%	59%	2018	<b>7.4</b>	14%	<b>24%</b>	0.5	150%	1
291	097	202426	<b>161</b>	0.8	<b>10.9</b>	<b>17.2</b>	15.9	-7%	49%	2019	<b>6.7</b>	9%	8%	0.1	150%	1
292	098	200837	<b>169</b>	0.4	9.9	<b>17.1</b>	14.2	-17%	100%	2013	<b>6.4</b>	<b>19%</b>	<b>29%</b>	1.0	250%	3
293	098	201109	<b>171</b>	0.4	8.5	15.0	12.3	-18%	67%	2018	<b>7.2</b>	<b>29%</b>	<b>34%</b>	-0.8	200%	2
294	098	200344	<b>162</b>	0.4	9.6	<b>15.9</b>	13.0	-19%	112%	2018	<b>6.0</b>	<b>18%</b>	<b>24%</b>	0.1	200%	2
295	099	202017	<b>168</b>	0.4	<b>10.2</b>	<b>16.5</b>	15.4	-7%	58%	2018	<b>6.1</b>	11%	18%	1.0	100%	1
296	099	200745	<b>169</b>	0.6	9.2	14.5	11.3	-22%	89%	2017	<b>6.7</b>	<b>29%</b>	<b>37%</b>	-0.1	200%	2
297	099	202470	<b>163</b>	0.4	<b>11.6</b>	<b>16.9</b>	13.3	-21%	65%	2019	<b>6.3</b>	14%	12%	-0.9	150%	2

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
271	091	CH-190323	-1.0	2.0	<b>6.6</b>	<b>2.6</b>	-0.8	3.4	White	Pink	-31	1.0	3.5	4			<b>169</b>	
272	091	CH-180285	0.1	2.2	5.9	<b>3.0</b>	-1.2	5.0	Striped	Pink	-23	2.0	3.5	-4			<b>166</b>	
273	091	CH-180189	-0.2	2.2	5.9	<b>2.8</b>	-0.6	1.2	Striped	Pink	-28	2.0	2.8	2			<b>171</b>	
274	092	CO-182445	<b>0.4</b>	<b>3.0</b>	<b>6.6</b>	<b>3.6</b>	-0.9	2.7	Striped	Pink	<b>-57</b>	1.5	3.3	-17			<b>169</b>	
275	092	CH-190157	-0.3	1.8	5.5	2.2	-0.4	3.2	White	Pink	-21	1.0	3.5	10			<b>185</b>	
276	092	CH-191280	-0.2	<b>2.3</b>	<b>6.1</b>	<b>2.8</b>	-0.6	3.4	Striped	Pink	-28	2.5	4.0	-3			<b>175</b>	
277	093	CH-190157	0.1	1.5	4.9	2.1	-0.4	3.3	White	Pink	-15	1.0	3.5	-3			<b>175</b>	
278	093	CH-190773	-0.9	1.7	<b>6.7</b>	2.5	-0.8	3.9	Striped	Pink	-36	2.5	3.3	10			<b>169</b>	
279	093	CH-190773	-0.8	1.7	<b>6.2</b>	2.5	-0.7	2.5	White	Pink	-35	2.5	4.0	13			<b>167</b>	
280	094	CH-190323	-1.0	1.7	<b>6.8</b>	<b>2.9</b>	-0.8	4.3	Black	Mixed	-23	1.0	3.8	2			<b>172</b>	
281	094	CH-190709	-0.5	<b>2.3</b>	<b>7.2</b>	<b>3.1</b>	-1.0	4.5	Black	Black	-35	3.0	3.0	-2			<b>173</b>	
282	094	CH-170127	-0.9	1.0	<b>6.1</b>	2.0	-0.7	3.3	Black	Mixed	-33	2.0	4.3	10			<b>174</b>	
283	095	CH-170127	-0.8	1.2	5.9	2.0	-0.4	2.4	Black	Mixed	-21	2.5	2.8	4			<b>177</b>	
284	095	CH-170278	-1.7	1.3	<b>7.5</b>	2.2	-0.9	3.9	Striped	Mixed	9	2.0	3.3	8	Y	2	<b>168</b>	
285	095	CH-180191	-1.6	1.2	<b>7.1</b>	2.3	-1.0	4.8	Black	Black	-22	1.0	4.0	21	Y	2	<b>181</b>	
286	096	CH-181487	-0.4	1.9	6.0	2.5	-0.9	4.5	Striped	Black	<b>-63</b>	1.5	3.8	0			<b>167</b>	
287	096	CH-170529	-0.2	2.1	<b>6.2</b>	<b>3.2</b>	-0.7	3.2	Striped	Mixed	-41	1.0	3.0	-15			<b>170</b>	
288	096	CH-190709	-0.8	1.7	<b>6.7</b>	2.5	-0.7	4.2	Striped	Mixed	-4	1.0	3.3	-1			<b>175</b>	
289	097	CH-190333	-0.8	1.5	<b>6.2</b>	<b>2.7</b>	-0.7	2.9	Black	Black	-36	2.5	2.8	6			<b>178</b>	
290	097	CH-180417	-1.0	1.9	<b>7.3</b>	<b>2.6</b>	-1.1	6.2	Striped	Mixed	-18	1.5	2.8	-21	Y	1	<b>174</b>	
291	097	CH-190333	-1.1	1.8	<b>6.2</b>	2.2	-0.7	2.4	Striped	Mixed	-39	3.0	3.3	17			<b>170</b>	
292	098	CH-190709	-0.8	1.7	<b>7.0</b>	<b>3.0</b>	-0.8	2.8	Striped	Mixed	10	1.5	3.5	-10			<b>179</b>	
293	098	CH-170188	<b>0.5</b>	2.1	4.4	2.0	-0.5	<b>0.8</b>	Black	Mixed	-14	2.5	3.5	-3			<b>181</b>	
294	098	CH-190709	-0.7	1.4	<b>6.4</b>	<b>2.6</b>	-0.7	2.6	Black	Mixed	0	3.0	3.3	-14			<b>169</b>	
295	099	CO-182445	-0.1	<b>2.7</b>	<b>6.2</b>	<b>3.1</b>	-0.9	3.1	Black	Black	<b>-67</b>	1.5	4.0	1			<b>177</b>	
296	099	CH-170188	<b>0.5</b>	1.7	4.6	1.6	-0.2	2.0	Striped	Mixed	13	2.0	3.0	-14	Y	0	<b>178</b>	
297	099	CH-180285	0.0	1.7	6.0	<b>2.8</b>	-1.0	5.0	Black	Mixed	-12	2.5	3.3	0			<b>168</b>	

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
298	100	202506	<b>169</b>	0.5	<b>10.7</b>	<b>17.8</b>	16.7	-6%	102%	2019	<b>6.8</b>	16%	<b>25%</b>	-0.1	200%	2
299	100	202009	<b>164</b>	0.5	9.7	<b>15.7</b>	11.9	-24%	71%	2014	<b>6.9</b>	14%	<b>21%</b>	-0.3	200%	2
300	100	202820	<b>168</b>	0.4	9.8	<b>16.7</b>	15.7	-6%	87%	2019	<b>6.9</b>	<b>20%</b>	<b>25%</b>	-0.2	200%	2
301	101	202720	<b>171</b>	0.5	<b>10.2</b>	15.1	10.3	-31%	238%	2018	<b>6.2</b>	<b>23%</b>	<b>21%</b>	-0.1	267%	3
302	101	202223	<b>165</b>	0.7	9.4	14.9	12.1	-19%	82%	2016	<b>6.1</b>	16%	19%	0.2	167%	2
303	101	201982	<b>168</b>	0.5	9.5	<b>15.9</b>	14.1	-11%	78%	2019	<b>6.2</b>	<b>18%</b>	<b>27%</b>	-0.6	50%	1
304	102	202319	<b>163</b>	0.4	9.4	<b>15.7</b>	13.6	-13%	49%	2018	5.2	11%	19%	-0.2	200%	2
305	102	200510	<b>163</b>	0.2	9.9	14.9	11.5	-22%	61%	2018	5.2	15%	<b>27%</b>	0.2	100%	2
306	102	201494	<b>166</b>	0.5	<b>11.0</b>	<b>17.2</b>	16.3	-5%	66%	2018	<b>7.3</b>	<b>19%</b>	<b>26%</b>	0.1	200%	2
307	103	200488	<b>165</b>	0.6	<b>11.2</b>	<b>17.8</b>	15.1	-15%	90%	2018	<b>5.9</b>	12%	18%	-0.2	200%	2
308	103	200300	<b>163</b>	0.3	9.2	14.6	14.6	0%	49%	2018	<b>6.4</b>	<b>19%</b>	<b>30%</b>	0.6	150%	1
309	103	200418	<b>161</b>	0.9	<b>12.9</b>	<b>19.3</b>	18.8	-3%	108%	2017	<b>6.5</b>	8%	4%	<b>1.3</b>	233%	2
310	104	200952	<b>166</b>	0.5	<b>12.1</b>	<b>18.9</b>	19.5	3%	94%	2018	<b>6.7</b>	14%	<b>24%</b>	1.1	200%	2
311	104	201715	<b>165</b>	0.9	<b>10.8</b>	<b>17.2</b>	13.1	-24%	91%	2017	<b>5.7</b>	12%	18%	0.5	175%	2
312	104	201509	<b>161</b>	0.6	<b>10.3</b>	<b>15.6</b>	14.1	-9%	85%	2017	<b>6.1</b>	13%	<b>21%</b>	0.2	150%	1
313	105	202601	<b>168</b>	0.4	<b>11.2</b>	<b>18.4</b>	16.7	-10%	44%	2019	<b>6.1</b>	6%	16%	0.6	100%	2
314	105	201351	<b>166</b>	0.5	9.4	14.8	11.2	-24%	111%	2015	<b>6.1</b>	16%	<b>27%</b>	0.0	240%	3
315	105	201665	<b>171</b>	0.5	8.5	14.4	11.9	-18%	82%	2018	<b>6.1</b>	<b>22%</b>	<b>34%</b>	-0.3	200%	2
316	106	201176	<b>168</b>	0.4	<b>10.2</b>	<b>15.4</b>	12.7	-18%	96%	2015	4.9	14%	18%	<b>1.4</b>	200%	2
317	106	202899	<b>164</b>	0.5	9.9	<b>16.2</b>	14.8	-9%	88%	2019	<b>5.8</b>	14%	17%	1.1	200%	2
318	106	201379	<b>162</b>	0.3	8.5	13.7	11.7	-15%	92%	2017	5.2	<b>19%</b>	20%	-1.5	200%	2
319	107	201407	<b>164</b>	0.4	8.7	13.5	10.1	-25%	120%	2017	4.1	13%	19%	1.2	200%	2
320	107	200267	<b>169</b>	0.7	9.8	<b>15.6</b>	14.5	-7%	121%	2016	5.4	<b>23%</b>	<b>25%</b>	-0.1	250%	3
321	107	200487	<b>161</b>	0.5	<b>10.3</b>	<b>17.0</b>	15.2	-11%	90%	2018	<b>5.8</b>	12%	18%	-0.2	200%	2
322	108	201802	<b>162</b>	0.4	9.6	<b>15.9</b>	17.1	8%	82%	2017	<b>5.5</b>	<b>19%</b>	19%	0.5	267%	3
323	108	201690	<b>164</b>	0.7	<b>11.7</b>	<b>17.0</b>	15.3	-10%	55%	2016	<b>5.7</b>	8%	11%	<b>1.4</b>	200%	1
324	108	201712	<b>163</b>	0.6	<b>12.1</b>	<b>18.7</b>	16.0	-14%	96%	2018	<b>5.8</b>	6%	10%	0.6	200%	2

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$I	Notes
298	100	CH-181487	-0.6	1.7	<b>6.2</b>	2.4	-0.8	4.3	Striped	Mixed	<b>-60</b>	2.0	3.5	13			<b>181</b>	
299	100	CH-170127	-1.0	1.4	5.8	1.8	-0.5	1.5	Black	Mixed	-30	2.0	3.5	11			<b>170</b>	
300	100	CH-181487	-0.2	1.7	5.3	2.1	-0.8	4.4	Striped	Mixed	<b>-54</b>	2.0	3.3	12			<b>181</b>	
301	101	CH-180285	0.0	1.8	5.8	2.3	-1.1	4.6	Striped	Mixed	-13	2.0	3.3	-6			<b>175</b>	
302	101	CH-180191	-0.7	1.7	5.4	1.8	-0.6	2.0	Striped	Black	-42	1.0	3.5	18			<b>174</b>	
303	101	CO-182445	-0.1	1.9	5.3	2.2	-0.6	2.0	Black	Black	<b>-72</b>	2.0	3.3	14	Y	0	<b>178</b>	
304	102	CH-191418	-0.3	<b>2.5</b>	<b>6.5</b>	<b>3.3</b>	-0.9	3.7	Black	Mixed	-25	1.0	3.5	-1			<b>168</b>	
305	102	CH-190709	-0.6	1.9	<b>6.9</b>	<b>2.7</b>	-0.7	4.3	Striped	Mixed	-2	2.5	3.0	-8			<b>169</b>	
306	102	CH-190157	<b>0.8</b>	2.2	4.7	<b>2.7</b>	-0.2	2.1	Striped	Mixed	16	1.5	3.5	-3			<b>178</b>	
307	103	CH-170529	-0.7	2.1	<b>7.1</b>	<b>3.5</b>	-0.9	3.0	Striped	Mixed	-19	2.0	3.8	-9			<b>171</b>	
308	103	CH-190157	<b>0.6</b>	<b>2.4</b>	4.7	2.5	-0.4	2.4	Striped	Mixed	1	2.0	2.8	-6			<b>174</b>	
309	103	CH-190137	-1.2	1.4	<b>7.8</b>	<b>2.8</b>	-1.0	6.4	Striped	Black	<b>-48</b>	3.0	3.3	-17			<b>170</b>	
310	104	CH-191418	-0.8	1.8	<b>7.1</b>	<b>2.9</b>	-1.0	5.8	Black	Mixed	-23	2.5	3.5	0			<b>182</b>	
311	104	CH-170127	-0.7	0.9	5.6	1.9	-0.4	2.5	Striped	Mixed	-18	2.0	3.8	10			<b>172</b>	
312	104	CH-190323	-1.5	2.1	<b>7.1</b>	2.3	-1.0	4.6	Black	Black	-7	3.0	2.8	0			<b>169</b>	
313	105	CH-191373	-0.4	<b>2.4</b>	<b>6.9</b>	<b>3.3</b>	-0.8	3.9	Black	Black	-37	1.0	4.0	14			<b>176</b>	
314	105	CH-181487	-0.5	1.6	5.8	1.7	-0.7	4.2	Striped	Black	<b>-50</b>	1.5	3.3	5			<b>172</b>	
315	105	CH-170188	-0.1	<b>2.5</b>	5.4	2.2	-0.5	1.3	Black	Mixed	-21	2.0	3.0	11			<b>179</b>	
316	106	CH-170529	-0.4	2.2	<b>6.8</b>	<b>3.3</b>	-0.8	4.0	Striped	Mixed	<b>-51</b>	2.5	3.3	-15			<b>174</b>	
317	106	CH-191486	-0.4	1.5	5.7	2.1	-0.8	4.5	Black	Mixed	<b>-54</b>	2.5	3.0	10			<b>176</b>	
318	106	CH-190123	-0.2	<b>2.8</b>	5.9	<b>3.0</b>	-0.7	1.6	Black	Black	-30	1.5	3.3	-8			<b>166</b>	
319	107	CH-190709	-0.5	2.2	<b>6.7</b>	<b>2.9</b>	-0.8	3.1	Striped	Mixed	-36	3.5	3.8	-10			<b>168</b>	
320	107	CH-190123	-0.5	<b>2.4</b>	<b>6.2</b>	<b>2.7</b>	-1.0	2.8	Black	Mixed	-22	2.5	3.5	2			<b>180</b>	
321	107	CH-170529	-0.5	1.9	<b>6.3</b>	<b>3.4</b>	-0.7	2.1	Striped	Mixed	-21	2.0	3.0	-8			<b>168</b>	
322	108	CH-170529	-0.3	<b>2.3</b>	5.5	<b>3.7</b>	-0.7	1.4	Striped	Mixed	-29	3.5	3.8	-8			<b>175</b>	
323	108	CH-191418	-0.7	2.0	<b>7.2</b>	<b>2.8</b>	-0.9	5.5	Striped	Mixed	-32	1.5	3.5	6			<b>173</b>	
324	108	CH-170135	-0.7	1.6	<b>7.4</b>	<b>2.9</b>	-1.1	6.6	Black	Mixed	-43	2.5	2.5	-7			<b>169</b>	



# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
325	109	201096	167	0.6	11.3	18.0	12.7	-29%	58%	2018	6.8	4%	7%	0.2	150%	1
326	109	200436	163	0.8	10.6	16.3	12.5	-23%	48%	2018	4.5	2%	3%	1.6	133%	1
327	109	202158	159	0.5	8.3	14.1	11.0	-22%	97%	2017	5.1	15%	19%	0.1	200%	2
328	110	200689	160	0.6	10.7	16.2	11.5	-29%	56%	2017	6.3	3%	7%	0.2	167%	2
329	110	200373	155	0.3	8.2	13.3	10.5	-20%	101%	2017	4.4	13%	15%	-0.7	250%	2
330	110	202278	155	0.2	7.5	12.5	11.3	-9%	71%	2015	4.4	14%	20%	0.7	200%	2
331	111	202729	156	0.2	6.9	11.1	8.9	-19%	125%	2019	5.5	22%	25%	-1.4	400%	2
332	111	202914	156	0.1	9.3	15.1	13.9	-8%	41%	2019	6.1	17%	15%	-1.3	150%	2
333	111	200675	159	0.6	10.8	16.2	12.8	-21%	73%	2017	6.2	8%	6%	0.5	225%	3
334	112	201251	159	0.5	9.2	15.0	14.3	-5%	123%	2017	4.9	11%	16%	1.3	250%	3
335	112	200570	158	0.4	8.2	14.2	12.1	-14%	93%	2018	5.0	11%	18%	-1.0	200%	2
336	112	200672	160	0.4	9.4	15.2	14.2	-6%	88%	2018	5.6	12%	22%	-0.1	250%	2
337	113	201213	155	0.4	9.4	15.0	14.5	-3%	89%	2018	5.2	12%	21%	-0.4	167%	3
338	113	201129	158	0.5	8.6	15.0	14.2	-5%	99%	2017	4.5	8%	11%	1.5	267%	4
339	113	202622	156	0.3	8.9	14.5	13.0	-11%			5.0	12%	17%			1
340	114	200569	158	0.4	8.9	15.0	13.0	-13%	93%	2018	5.3	11%	19%	-1.0	200%	2
341	114	200865	157	0.3	7.4	12.3	11.7	-4%	102%	2018	5.1	21%	30%	-0.1	200%	2
342	114	201702	159	0.8	11.9	16.7	12.8	-23%	106%	2018	6.1	5%	2%	0.2	133%	2
343	115	202942	158	0.3	9.1	15.2	13.4	-12%	130%	2019	6.3	8%	12%		200%	1
344	115	201591	156	0.4	10.2	14.9	14.0	-6%	59%	2016	4.7	11%	14%	0.3	175%	2
345	115	200645	162	0.4	9.5	15.7	13.6	-14%	101%	2018	7.2	13%	9%	-0.4	250%	2
346	116	200901	160	0.4	7.6	13.6	10.6	-22%	78%	2017	5.5	15%	16%	-0.6	167%	2
347	116	201518	160	0.4	9.9	15.6	14.5	-7%	88%	2017	5.4	14%	21%	0.5	150%	2
348	116	202031	159	0.6	10.5	16.2	12.4	-23%	79%	2016	5.8	7%	1%	0.2	180%	2
349	117	202124	155	0.5	10.2	17.0	17.9	5%	32%	2018	5.1	9%	20%	0.2	100%	1
350	117	200354	159	0.7	11.4	17.2	16.1	-7%	122%	2018	6.1	7%	9%	0.2	200%	2
351	117	202112	155	0.6	10.5	17.0	18.3	8%	84%	2018	6.9	16%	11%	-1.4	300%	3

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
325	109	CH-190773	-1.0	2.1	<b>7.5</b>	<b>2.8</b>	-1.0	5.3	Striped	Mixed	-19	1.0	3.8	10			<b>169</b>	
326	109	CH-190137	-0.1	2.2	<b>7.0</b>	<b>3.3</b>	-0.9	4.7	Striped	Mixed	-45	1.0	4.0	-11			165	
327	109	CH-180189	0.1	2.1	5.4	2.5	-0.5	1.6	Striped	Mixed	6	1.5	3.3	-10			164	
328	110	CH-190773	-0.9	1.9	<b>6.8</b>	2.3	-0.8	4.0	Striped	Black	-8	1.5	3.5	10			162	
329	110	CH-170529	0.0	2.1	5.5	<b>3.1</b>	-0.6	1.5	Striped	Mixed	-23	3.5	2.5	-10			157	
330	110	CH-190709	-0.4	2.1	6.0	<b>2.8</b>	-0.7	2.2	Striped	Black	-31	2.5	3.3	-14			161	
331	111	CH-170188	0.1	2.1	4.1	1.6	-0.3	<b>0.4</b>	Black	Black	-1	4.0	3.5	10			162	
332	111	CH-180285	<b>0.3</b>	1.9	4.8	<b>2.7</b>	-1.0	4.0	Striped	Mixed	-10	2.5	3.0	3			164	
333	111	CH-190773	-0.5	1.5	<b>6.1</b>	2.3	-0.6	3.3	Black	Mixed	-15	3.0	3.5	5			164	
334	112	CH-191418	-0.4	1.7	5.7	<b>2.6</b>	-0.7	4.4	Striped	Mixed	-48	2.0	4.3	4			<b>170</b>	
335	112	CH-190323	-0.1	<b>2.6</b>	5.4	<b>3.2</b>	-0.5	<b>0.9</b>	Black	Mixed	-25	2.0	4.0	3			162	
336	112	CH-190323	-0.8	2.2	<b>6.5</b>	<b>2.8</b>	-0.8	4.3	Black	Mixed	-27	1.0	3.3	6			<b>168</b>	
337	113	CH-180417	-0.1	2.0	5.3	2.2	-0.7	3.7	Striped	Mixed	-15	2.5	3.3	0			164	
338	113	CH-190137	-0.3	1.9	5.5	<b>3.1</b>	-0.6	2.1	Black	Black	-55	3.0	3.3	2			<b>167</b>	
339	113	CH-191015	0.0	1.4	5.0	2.2	-0.4	2.4	Black	Black	-31	1.5	3.3	6	Y	0	<b>166</b>	
340	114	CH-190323	-0.2	<b>2.5</b>	5.8	<b>3.2</b>	-0.6	1.5	Black	Mixed	-16	2.0	4.0	-2			163	
341	114	CH-190157	<b>0.7</b>	1.9	3.4	2.0	-0.1	1.1	Black	Mixed	1	3.0	4.3	15			<b>169</b>	
342	114	CH-170278	-1.0	1.4	<b>6.5</b>	2.1	-0.8	4.6	Black	Black	-11	1.5	3.3	13			163	
343	115	CH-191373	<b>0.6</b>	<b>2.4</b>	5.1	<b>2.8</b>	-0.5	3.1	Black	Black	-32	1.5	3.3	-2	Y	0	162	
344	115	CH-170529	-0.4	2.0	<b>6.2</b>	<b>3.2</b>	-0.7	3.4	Striped	Mixed	-19	2.5	3.3	-8			163	
345	115	CH-190773	-0.3	2.0	5.3	2.3	-0.3	<b>0.7</b>	Striped	Mixed	-32	3.0	3.5	12			<b>169</b>	
346	116	CH-170127	-0.1	1.6	4.0	2.0	-0.2	<b>0.1</b>	Black	Black	-53	2.5	4.0	20			<b>166</b>	
347	116	CH-190709	-0.2	1.8	6.0	<b>2.7</b>	-0.5	3.3	Striped	Black	-23	1.5	3.5	-6			<b>169</b>	
348	116	CH-190040	-0.9	1.8	<b>6.7</b>	<b>2.6</b>	-0.8	4.0	Black	Mixed	-21	3.5	3.5	-3			162	
349	117	CH-181787	-0.2	1.8	5.7	<b>3.1</b>	-0.6	3.5	Striped	Mixed	-13	2.5	2.8	7	Y	0	<b>168</b>	
350	117	CH-190333	-1.3	1.4	<b>7.0</b>	2.2	-0.9	4.4	Black	Black	-52	1.5	3.8	13			<b>168</b>	
351	117	CH-190333	-0.6	1.6	5.1	2.2	-0.6	2.3	Black	Black	-28	2.0	3.8	16			<b>169</b>	

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
352	118	200629	159	0.7	9.4	15.7	16.0	2%	117%	2017	5.1	10%	12%	0.5	267%	3
353	118	200588	158	0.5	10.8	16.9	17.1	1%	95%	2017	5.9	10%	16%	-0.4	200%	2
354	118	201583	158	0.7	12.1	18.4	20.6	12%	76%	2018	6.7	12%	9%	0.3	233%	3
355	119	201077	155	0.5	9.7	14.7	13.0	-11%	140%	2013	5.3	16%	13%	0.0	140%	2
356	119	202349	158	0.5	9.2	14.7	11.2	-23%	50%	2016	5.7	3%	3%	0.5	133%	1
357	119	202388	155	0.3	8.7	14.8	13.0	-12%	47%	2019	5.9	8%	11%	-0.5	150%	1
358	120	202290	159	0.7	11.7	18.1	17.4	-4%	101%	2017	7.1	8%	6%	0.3	150%	2
359	120	200928	158	0.4	10.6	16.4	14.4	-12%	122%	2015	6.1	7%	3%	0.5	233%	3
360	120	201164	159	0.5	9.7	15.0	15.8	5%	90%	2014	6.1	18%	24%	0.1	200%	3
361	121	201080	157	0.7	9.3	15.6	17.8	14%	103%	2018	5.4	14%	19%	0.8	200%	2
362	121	201165	159	0.5	9.9	15.5	16.9	9%	90%	2014	6.2	19%	25%	0.1	200%	3
363	121	200227	156	0.4	9.8	16.4	18.0	10%	47%	2018	5.4	15%	29%	0.9	150%	1
364	122	201548	159	0.4	9.6	14.0	9.4	-33%	97%	2012	5.0	6%	1%	0.6	183%	1
365	122	201786	159	0.6	8.9	13.4	8.2	-39%	68%	2016	4.9	7%	6%	0.5	140%	3
366	122	201076	158	0.5	9.5	15.4	14.2	-8%	38%	2016	5.6	14%	20%	-0.5	200%	2
367	123	201563	159	0.4	10.3	16.0	15.5	-3%	52%	2014	5.2	15%	14%	-0.3	100%	1
368	123	201644	158	0.6	11.3	16.8	17.3	3%	106%	2017	5.1	12%	22%	-0.2	167%	2
369	123	200707	159	0.4	10.1	15.3	14.7	-4%	154%	2018	5.7	13%	19%	-0.1	250%	3
370	124	200587	155	0.8	10.5	15.7	13.7	-13%	71%	2018	6.0	8%	11%	0.3	150%	2
371	124	202274	155	0.6	10.1	17.2	17.9	4%	86%	2017	6.8	11%	6%	-0.3	250%	3
372	124	200238	155	0.6	10.1	15.5	14.7	-5%	88%	2017	5.9	10%	12%	0.3	167%	2
373	125	202902	158	0.3	10.1	16.4	16.7	2%	38%	2019	6.2	17%	14%	-0.4	150%	2
374	125	202121	157	0.7	10.7	17.2	19.0	11%	37%	2018	6.2	12%	18%	0.2	100%	1
375	125	201704	160	0.5	11.0	16.6	14.4	-13%	112%	2017	5.2	8%	17%	0.1	200%	2
376	126	202461	160	0.6	11.8	17.5	17.5	0%	65%	2019	6.2	10%	7%	0.8	150%	1
377	126	200825	160	0.4	8.8	14.0	9.7	-31%	116%	2013	5.6	8%	13%	0.2	180%	2
378	126	202450	158	0.0	6.2	12.7	12.7	0%	87%	2019	6.4	23%	28%	-0.6	300%	3

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
352	118	CH-180793	-0.2	2.1	5.2	<b>2.7</b>	-0.6	1.9	Black	Black	-36	2.5	4.0	21			<b>171</b>	
353	118	CH-190323	-0.8	2.0	<b>6.4</b>	<b>2.9</b>	-0.8	3.8	Black	Black	-30	2.0	3.3	6			<b>168</b>	
354	118	CH-190137	-0.2	2.0	5.9	<b>3.1</b>	-0.6	3.5	Striped	Mixed	-45	2.5	3.0	-13			<b>171</b>	
355	119	CH-180189	-0.4	1.2	5.6	2.1	-0.7	3.7	Striped	Black	-11	2.0	3.0	-7			163	
356	119	CH-190773	-0.5	2.1	5.4	2.2	-0.6	1.7	Black	Black	-23	3.0	3.5	<b>23</b>			162	
357	119	CH-190192	-0.1	2.1	5.4	<b>2.8</b>	-0.9	3.1	Striped	Mixed	-33	1.0	4.0	2			160	
358	120	CH-190333	-0.8	1.6	<b>6.3</b>	2.2	-0.6	3.6	Striped	Mixed	-28	2.0	3.3	6			<b>169</b>	
359	120	CH-190040	-1.0	1.8	<b>6.8</b>	2.5	-0.8	4.4	Black	Mixed	-21	1.5	3.3	3			164	
360	120	CH-181487	-0.3	1.6	5.3	1.9	-0.8	4.7	Black	Mixed	-47	2.0	3.3	0			<b>172</b>	
361	121	CH-180793	-0.3	2.1	5.4	<b>2.8</b>	-0.6	1.9	Striped	Mixed	-38	2.0	3.0	5			<b>172</b>	
362	121	CH-181487	-0.2	1.5	4.9	1.9	-0.7	4.5	Black	Black	-44	2.0	3.3	10			<b>175</b>	
363	121	CH-190709	-0.4	1.7	6.0	<b>2.8</b>	-0.7	3.2	Black	Black	21	1.5	4.0	2			<b>173</b>	
364	122	CH-190040	-0.8	2.0	<b>6.6</b>	<b>2.8</b>	-0.7	3.0	Black	Black	-29	1.5	3.5	0			159	
365	122	CH-190333	-0.6	1.4	5.3	1.9	-0.4	2.2	White	Pink	-35	2.5	3.8	20			161	
366	122	CH-170127	-0.7	1.3	5.0	1.9	-0.3	1.5	White	Pink	-39	2.0	3.5	21			<b>169</b>	
367	123	CH-170529	0.0	2.1	5.6	<b>3.3</b>	-0.6	2.3	White	Pink	-13	1.0	3.0	-3			<b>168</b>	
368	123	CH-180417	-0.7	1.9	<b>6.6</b>	<b>2.6</b>	-1.0	5.5	Striped	Pink	-15	2.5	4.3	-1			<b>169</b>	
369	123	CH-170127	-0.3	1.5	5.0	2.0	-0.4	3.9	Striped	Pink	-42	1.5	4.3	<b>26</b>			<b>171</b>	
370	124	CH-170278	-1.1	1.2	5.7	1.6	-0.7	3.9	Striped	Pink	-5	2.5	4.0	16			163	
371	124	CH-190773	-0.7	1.6	5.4	2.2	-0.7	2.8	White	Pink	-30	2.0	3.8	14			<b>168</b>	
372	124	CH-190333	-0.6	1.2	5.4	1.9	-0.7	4.4	White	Pink	-48	3.5	4.0	12			165	
373	125	CH-180285	0.0	1.9	5.1	<b>3.1</b>	-1.1	3.2	White	Black	3	2.0	3.8	4			<b>170</b>	
374	125	CH-180793	-0.5	1.7	5.6	<b>2.6</b>	-0.7	3.1	White	Black	-29	3.0	3.8	9			<b>171</b>	
375	125	CH-170135	-0.6	1.7	<b>6.5</b>	<b>2.6</b>	-0.9	5.7	Striped	Pink	-31	1.0	3.5	6			<b>167</b>	
376	126	CH-191486	-0.6	1.7	<b>6.8</b>	<b>2.6</b>	-1.0	6.1	Striped	Pink	-41	2.5	3.0	-3			<b>170</b>	
377	126	CH-170127	-0.3	1.9	5.4	2.3	-0.4	<b>0.8</b>	White	Mixed	-57	1.0	3.3	1			161	
378	126	CH-190192	<b>0.7</b>	2.2	3.1	2.2	-0.5	<b>0.8</b>	White	Pink	-13	5.0	5.0	8			<b>170</b>	



# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
379	127	201532	156	0.5	10.7	15.5	12.3	-21%	64%	2018	6.6	10%	1%	-0.5	150%	2
380	127	202583	158	0.7	11.0	17.5	16.5	-6%	95%	2017	5.3	8%	12%	1.0	233%	3
381	127	202555	160	0.3	9.7	15.3	13.1	-14%	86%	2019	6.4	17%	17%	-0.7	200%	2
382	128	201078	157	0.6	9.8	14.0	10.5	-25%	140%	2013	4.5	15%	12%	0.0	140%	2
383	128	202628	155	0.3	7.9	14.2	12.9	-9%			5.0	13%	18%			1
384	128	200152	159	0.4	8.6	13.8	8.9	-36%	58%	2015	5.3	8%	14%	-0.3	140%	2
385	129	201956	155	0.6	9.7	15.1	13.1	-13%	75%	2017	6.3	9%	9%	-0.4	150%	2
386	129	201850	160	0.6	11.4	18.2	16.8	-8%	72%	2018	6.3	7%	12%	0.3	133%	2
387	129	200532	159	0.7	10.9	15.3	11.7	-23%	132%	2014	4.7	7%	6%	1.3	260%	3
388	130	201887	157	0.4	9.2	14.7	13.8	-6%	88%	2018	5.5	11%	11%	0.4	233%	2
389	130	200702	157	0.1	7.4	12.5	11.9	-5%	94%	2018	5.0	21%	24%	0.1	250%	2
390	130	200289	156	0.3	8.7	12.5	9.1	-28%	130%	2018	3.9	8%	18%	-0.4	200%	2
391	131	200280	158	0.2	9.2	14.6	12.3	-16%	98%	2018	5.2	14%	13%	0.2	200%	2
392	131	202218	157	0.4	9.6	14.9	13.5	-10%	34%	2018	6.3	11%	12%	-0.2	200%	2
393	131	201115	158	0.6	9.5	15.1	13.0	-14%	95%	2015	5.0	2%	3%	1.2	150%	3
394	132	201909	158	0.3	7.7	13.7	11.7	-14%	87%	2018	5.0	17%	27%	0.7	150%	2
395	132	200049	156	0.3	8.5	13.7	14.9	9%	156%	2018	4.9	22%	22%	-0.7	250%	3
396	132	202651	157	0.1	7.6	12.6	11.6	-8%			5.3	16%	17%			1
397	133	201575	156	0.4	8.3	14.4	13.3	-7%	76%	2017	5.8	10%	14%	0.2	175%	2
398	133	201295	155	0.2	8.4	13.3	12.6	-5%	80%	2016	4.9	15%	21%	0.7	200%	2
399	133	201883	157	0.3	6.8	13.8	12.2	-12%	67%	2017	4.6	8%	20%	0.9	200%	2
400	134	200987	155	0.6	9.1	14.7	15.3	4%	89%	2018	4.5	11%	13%	0.2	200%	2
401	134	201303	157	0.4	8.1	13.9	13.4	-4%	65%	2017	5.3	14%	19%	0.1	125%	2
402	134	200603	158	0.6	10.3	15.5	13.1	-15%	72%	2018	6.6	9%	6%	0.4	150%	1
403	135	202157	159	0.5	8.1	14.0	11.4	-19%	97%	2017	5.0	15%	19%	0.1	200%	2
404	135	202226	160	0.6	8.7	15.3	14.5	-5%	131%	2018	5.7	15%	19%	-0.2	300%	3
405	135	200048	159	0.4	10.4	15.9	17.2	8%	156%	2018	5.7	22%	23%	-0.7	250%	3

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
379	127	CH-190040	-0.7	1.6	5.8	2.0	-0.7	3.7	Striped	Pink	-5	2.5	3.8	5			160	
380	127	CH-180793	-0.5	1.2	6.0	<b>3.0</b>	-0.5	4.2	Striped	Pink	-46	1.0	3.3	-5	Y	0	<b>168</b>	
381	127	CH-180285	-0.1	1.6	5.1	2.4	-0.9	3.2	White	Pink	-26	4.5	3.5	0			<b>167</b>	
382	128	CH-180189	-1.0	1.1	<b>6.5</b>	1.9	-0.8	4.4	Striped	Pink	-25	1.5	3.8	-2			162	
383	128	CH-191015	-0.3	1.5	4.9	2.2	-0.7	2.5	Black	Pink	-24	3.5	3.5	12	Y	0	164	
384	128	CH-170127	-0.5	1.8	5.5	2.5	-0.3	<b>0.2</b>	White	Pink	-43	2.0	3.3	4			159	
385	129	CH-190333	-0.4	1.8	5.3	2.1	-0.6	2.4	White	Pink	-33	1.5	3.5	6			161	
386	129	CH-170127	-0.9	1.3	<b>6.2</b>	<b>2.6</b>	-0.5	2.4	Black	Black	-42	1.0	4.0	9			<b>170</b>	
387	129	CH-190137	-1.0	1.3	<b>6.9</b>	2.2	-0.8	5.3	Striped	Mixed	-51	1.5	3.8	-7			163	
388	130	CH-190137	-0.3	2.2	5.8	<b>2.7</b>	-0.7	2.9	Black	Black	-33	1.0	3.3	-6			164	
389	130	CH-170529	0.1	2.2	4.6	<b>3.0</b>	-0.6	<b>0.6</b>	Black	Mixed	19	2.0	3.8	-2			<b>167</b>	
390	130	CH-180417	0.0	<b>2.6</b>	<b>6.1</b>	<b>2.7</b>	-0.8	5.9	Striped	Mixed	-3	1.0	3.5	-2			157	
391	131	CH-170529	0.1	2.2	5.6	<b>3.3</b>	-0.6	2.4	Striped	Mixed	5	2.0	3.3	-13			164	
392	131	CH-190773	-0.7	1.9	5.6	2.1	-0.6	2.4	Black	Black	-6	3.0	3.5	19			165	
393	131	CH-190137	-0.4	<b>2.4</b>	<b>6.3</b>	<b>3.2</b>	-0.7	2.3	Striped	Mixed	<b>-69</b>	2.0	3.5	-8			161	
394	132	CH-190709	-0.6	1.7	5.8	2.5	-0.7	2.1	Striped	Mixed	1	2.0	3.0	-7			<b>167</b>	
395	132	CH-170529	0.2	2.0	4.6	<b>2.8</b>	-0.5	2.3	Striped	Mixed	-43	1.5	3.5	-9			<b>167</b>	
396	132	CH-190492	<b>0.3</b>	2.2	4.4	2.3	-0.4	1.4	Black	Black	-32	1.5	3.3	7	Y	0	165	
397	133	CH-190323	-0.3	<b>2.3</b>	5.4	<b>2.9</b>	-0.8	1.9	Striped	Mixed	-38	2.5	3.5	-4			163	
398	133	CH-190709	-0.3	1.9	5.7	2.5	-0.7	3.1	Black	Mixed	-7	3.5	3.3	-2			165	
399	133	CH-181787	0.0	<b>2.3</b>	5.1	<b>3.4</b>	-0.6	<b>0.2</b>	Black	Black	-34	3.0	3.5	3			164	
400	134	CH-180793	-0.3	1.9	5.5	<b>2.7</b>	-0.6	3.4	Black	Black	-54	3.0	3.8	6			<b>166</b>	
401	134	CH-181487	0.0	1.7	4.6	1.9	-0.5	2.6	Striped	Black	-51	3.0	3.8	10			<b>167</b>	
402	134	CH-190333	-1.2	1.7	<b>6.5</b>	2.0	-1.0	4.8	Black	Black	-25	2.5	3.5	8			164	
403	135	CH-180189	-0.2	1.9	5.3	2.4	-0.5	1.4	Striped	Black	-1	1.5	3.8	-1			165	
404	135	CH-180793	-0.3	1.8	5.3	<b>2.6</b>	-0.6	1.9	Striped	Mixed	-50	2.0	4.0	4			<b>170</b>	
405	135	CH-170529	0.0	1.9	5.5	<b>2.9</b>	-0.6	3.9	Striped	Mixed	-40	2.0	3.5	-19			<b>171</b>	

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
406	136	200360	157	0.5	10.1	16.0	14.3	-11%	124%	2018	4.6	2%	15%	0.7	150%	2
407	136	200230	160	0.2	9.3	15.1	12.7	-16%	120%	2017	5.6	14%	22%	0.2	167%	2
408	136	200215	160	0.5	8.6	14.3	10.2	-28%	128%	2013	6.0	7%	5%	0.8	225%	2
409	137	200062	156	0.5	9.7	15.9	15.2	-4%	98%	2016	5.4	4%	5%	1.1	200%	2
410	137	200607	158	0.5	10.1	16.0	15.5	-3%	74%	2013	4.8	11%	15%	0.6	150%	1
411	137	201090	155	0.7	11.1	16.7	18.8	13%	89%	2016	5.4	10%	13%	0.8	200%	3
412	138	201266	156	0.5	9.6	15.8	15.8	0%	84%	2015	5.6	16%	20%	0.1	167%	2
413	138	201261	155	0.5	10.2	16.0	16.2	1%	68%	2018	6.6	5%	8%	0.7	100%	2
414	138	201849	159	0.4	9.5	15.3	12.4	-19%	95%	2017	6.3	7%	8%	0.6	200%	2
415	139	200731	158	0.5	9.6	14.1	14.3	1%	88%	2015	5.7	18%	21%	0.7	275%	3
416	139	201268	159	0.6	10.8	16.3	13.4	-18%	143%	2013	5.2	6%	13%	1.5	200%	2
417	139	202029	156	0.7	8.8	15.0	15.5	3%	67%	2016	5.1	8%	13%	0.2	167%	2
418	140	201335	156	0.4	7.2	12.2	10.3	-16%	106%	2015	5.6	18%	23%	-0.5	250%	3
419	140	202221	158	0.5	9.1	15.7	14.3	-9%	135%	2012	6.3	8%	8%	0.4	200%	2
420	140	201187	156	0.3	9.4	15.0	14.2	-5%	67%	2015	4.9	14%	23%	0.6	175%	2
421	141	202273	156	0.7	10.5	17.2	16.4	-5%	86%	2017	6.6	10%	5%	-0.3	250%	3
422	141	200128	160	0.6	10.8	16.9	14.3	-16%	96%	2018	7.6	12%	9%	-0.7	250%	2
423	141	201633	155	0.7	10.2	15.7	14.6	-7%	69%	2018	5.7	6%	11%	-0.2	150%	2
424	142	201873	156	0.4	8.8	13.6	12.0	-12%	102%	2014	4.2	16%	20%	0.4	200%	2
425	142	201744	156	0.3	8.2	14.5	13.8	-5%	116%	2017	4.3	9%	19%	0.9	300%	3
426	142	202285	155	0.5	9.7	15.4	14.3	-7%	102%	2018	5.8	9%	17%	-0.6	200%	3
427	143	200993	157	0.7	10.5	14.8	11.2	-24%	144%	2015	4.6	9%	10%	0.3	240%	2
428	143	201826	160	0.2	8.3	13.7	11.2	-19%	73%	2017	4.4	13%	22%	0.5	175%	2
429	143	201579	156	0.3	8.7	13.2	11.2	-15%	50%	2017	4.5	15%	20%	-0.9	150%	2
430	144	203160	154	0.3	8.2	12.3	9.1	-26%	53%	2019	4.1	11%	11%	-0.6	100%	1
431	144	202904	152	0.2	8.9	14.5	12.6	-14%	68%	2019	5.3	15%	16%	-1.8	200%	2
432	144	202337	144	0.2	8.1	12.8	8.7	-32%			4.9	3%	-5%			1

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
406	136	CH-181787	-0.6	2.4	6.8	3.3	-1.0	3.8	Striped	Mixed	-16	1.5	3.3	1			163	
407	136	CH-190709	-0.3	1.9	6.3	2.7	-0.7	3.6	Striped	Mixed	-12	1.0	3.8	-12			166	
408	136	CH-190773	-0.9	2.1	5.9	2.2	-0.7	2.0	Striped	Mixed	-17	1.0	4.5	14			164	
409	137	CH-190137	-0.4	2.0	5.9	2.9	-0.6	2.7	Striped	Mixed	-48	3.5	3.8	2			164	
410	137	CH-170135	-0.8	1.7	6.3	2.8	-0.8	5.4	Black	Mixed	-38	2.5	2.8	1			168	
411	137	CH-180793	-0.6	1.9	6.3	2.9	-0.8	4.0	Striped	Mixed	-37	2.5	3.5	1			169	
412	138	CH-180189	-0.8	1.0	5.8	2.0	-0.8	5.0	Black	Black	-42	2.0	3.3	3			169	
413	138	CH-190773	-0.4	2.1	5.4	2.4	-0.6	3.8	White	Pink	-20	3.5	4.3	20			166	
414	138	CH-190773	-0.4	2.1	5.3	2.4	-0.4	1.4	White	Pink	4	2.0	4.0	17			165	
415	139	CH-190157	0.0	2.0	5.0	2.0	-0.3	2.9	White	Pink	9	1.5	3.3	5			170	
416	139	CH-170135	-0.9	1.2	6.4	2.3	-0.8	5.2	White	Pink	-19	2.0	3.3	7			167	
417	139	CH-180793	-0.3	2.6	6.0	3.1	-0.8	2.2	White	Pink	-44	1.5	3.5	1			165	
418	140	CH-170127	-0.3	1.3	3.7	1.3	-0.2	-0.5	White	Pink	-40	1.5	4.3	19			165	
419	140	CH-190773	-1.0	1.9	6.0	2.4	-0.8	1.7	Striped	Pink	-35	3.0	3.0	10			166	
420	140	CH-190709	-0.6	1.6	6.4	2.8	-0.7	3.1	White	Pink	-13	1.5	3.0	-10			166	
421	141	CH-190773	-0.8	1.5	5.9	2.2	-0.8	3.4	Striped	Pink	-27	2.0	3.8	8			166	
422	141	CH-190773	-1.2	1.2	6.2	1.7	-0.6	3.1	White	Pink	-48	4.0	4.5	10			167	
423	141	CH-180793	-1.0	2.1	6.6	2.5	-0.8	3.6	White	Pink	-32	3.5	3.8	1			161	
424	142	CH-190709	-0.5	1.7	6.2	2.5	-0.8	3.7	Striped	Pink	-7	2.0	3.8	-8			163	
425	142	CH-181787	-0.3	2.0	5.6	3.0	-0.6	2.2	White	Pink	-13	4.5	3.5	8			166	
426	142	CH-190323	-0.6	2.2	6.4	2.8	-0.9	5.6	White	Pink	-12	1.5	3.0	0			161	
427	143	CH-180189	-0.9	1.4	6.8	1.9	-0.7	4.3	Striped	Pink	-16	2.5	3.0	3			161	
428	143	CH-190709	-0.2	2.1	6.3	2.9	-0.8	3.7	White	Pink	-32	2.0	3.0	-7			166	
429	143	CH-170529	0.6	2.5	5.2	3.1	-0.6	2.1	White	Pink	-11	3.0	2.3	-18			159	
430	144	CH-191090	0.2	1.8	4.7	2.3	-0.7	2.5	Black	Black	-34	1.0	3.8	12	Y	1	157	
431	144	CH-180285	-0.5	1.3	5.5	2.4	-1.0	3.8	Striped	Mixed	-7	1.5	3.5	6			157	
432	144	CH-190040	-0.9	1.6	6.3	2.3	-0.6	2.6	Striped	Mixed	16	2.0	3.3	-4	Y	0	143	



# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
433	145	200254	153	0.3	9.2	13.9	13.1	-5%	91%	2014	4.8	18%	19%	-0.3	257%	3
434	145	202788	150	0.6	10.5	15.6	15.2	-3%	83%	2015	5.4	9%	2%	-0.2	167%	3
435	145	200968	147	0.5	8.2	12.6	11.8	-6%	88%	2017	3.5	12%	18%	-0.7	200%	2
436	146	202822	151	0.6	9.7	14.7	11.8	-20%	116%	2016	4.7	3%	3%	0.4	200%	2
437	146	200451	144	0.5	8.3	13.1	11.7	-11%	89%	2015	5.6	7%	4%		260%	3
438	146	202142	145	0.4	8.2	12.8	10.4	-19%	83%	2018	5.3	4%	1%		250%	2
439	147	202833	151	0.3	9.7	14.8	13.7	-7%	48%	2019	5.0	8%	11%	-0.2	100%	1
440	147	201065	150	0.3	9.3	13.8	13.6	-2%	80%	2014	4.8	11%	13%	-0.5	167%	2
441	147	201392	152	0.4	9.5	15.6	16.2	4%	58%	2017	5.4	10%	14%	-0.2	150%	1
442	148	200541	145	0.7	9.2	13.7	12.3	-10%	105%	2015	5.0	6%	9%	-0.1	250%	3
443	148	200891	154	0.4	9.4	16.0	18.7	17%	113%	2018	5.4	21%	19%	-0.8	300%	3
444	148	202787	150	0.6	10.5	16.2	17.4	8%	83%	2015	5.7	11%	3%	-0.2	167%	3
445	149	201098	153	0.7	10.9	16.2	12.7	-22%	59%	2017	7.1	3%	1%	0.0	125%	1
446	149	201214	153	0.5	8.8	14.8	15.3	4%	89%	2018	5.1	13%	22%	-0.5	167%	3
447	149	202123	153	0.5	9.2	15.0	14.3	-5%	72%	2018	5.1	7%	11%	-0.6	100%	1
448	150	201588	152	0.5	9.3	13.0	12.7	-2%	85%	2014	5.6	14%	20%	0.6	167%	2
449	150	201739	153	0.3	10.1	15.9	17.7	11%	79%	2018	5.5	19%	23%	-0.9	200%	2
450	150	201924	154	0.7	10.3	15.6	15.4	-1%	89%	2015	5.1	11%	16%	0.5	225%	3
451	151	201511	152	0.5	9.2	15.2	17.7	17%	125%	2015	5.0	10%	12%	0.6	300%	4
452	151	200504	151	0.4	8.6	13.8	12.5	-9%	66%	2014	5.8	8%	-1%	0.9	200%	2
453	151	201152	156	0.5	12.1	17.0	13.4	-22%	91%	2012	6.2	10%	-4%	0.6	200%	2
454	152	201257	154	0.3	7.8	11.6	8.0	-31%	104%	2012	3.2	13%	13%	0.4	180%	2
455	152	200884	154	0.5	10.0	15.1	14.6	-4%	105%	2018	5.3	7%	14%	0.1	150%	2
456	152	202098	149	0.2	7.3	12.0	12.1	1%	54%	2017	5.1	17%	23%	-0.2	200%	2
457	153	202099	149	0.3	7.2	11.8	11.7	-1%	54%	2017	4.8	17%	23%	-0.2	200%	2
458	153	200876	150	0.4	8.6	14.8	14.8	0%	75%	2011	5.3	5%	9%	0.7	120%	1
459	153	202873	154	0.9	12.0	17.6	18.4	4%	55%	2017	4.7	4%	3%	1.4	200%	2

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
433	145	CH-180417	-0.3	1.9	5.8	2.5	-0.9	4.4	Striped	Mixed	34	1.5	4.0	-6			162	
434	145	CH-190275	-0.7	1.2	5.8	2.2	-0.8	5.2	Striped	Mixed	-49	3.0	3.0	-9			157	
435	145	CH-170529	-0.3	1.5	5.0	2.4	-0.6	1.7	Black	Mixed	-14	2.0	3.5	-3			154	
436	146	CH-190275	-0.7	1.2	5.4	2.0	-0.5	2.6	Black	Mixed	-31	1.0	3.8	14			156	
437	146	CH-190333	-0.5	1.4	4.9	1.8	-0.4	1.3	Striped	Mixed	-22	3.0	3.8	0			148	
438	146	CH-190773	-0.7	1.7	5.2	1.9	-0.4	<b>0.8</b>	Black	Black	-4	3.5	3.8	11			148	
439	147	CH-190192	-0.7	1.8	<b>6.3</b>	2.5	-1.1	5.2	Striped	Mixed	-1	1.0	3.5	1			157	
440	147	CH-170529	-0.3	2.2	5.9	<b>3.0</b>	-0.7	3.7	Striped	Mixed	-1	1.5	3.5	-10			156	
441	147	CH-190323	-0.4	1.8	5.8	<b>2.9</b>	-0.7	3.7	Striped	Mixed	-26	2.0	3.8	-2			162	
442	148	CH-170278	-1.4	1.1	5.8	1.6	-0.7	3.5	Striped	Mixed	9	1.0	4.3	14			152	
443	148	CH-170529	0.1	2.0	4.8	<b>3.3</b>	-0.5	1.3	Black	Mixed	-23	1.5	3.0	-13			<b>169</b>	
444	148	CH-190275	-0.6	1.3	5.4	2.3	-0.8	4.7	Black	Black	-49	2.0	3.3	1			161	
445	149	CH-190773	-1.0	1.5	<b>6.1</b>	1.7	-0.6	2.6	Black	Black	18	1.5	3.3	10			156	
446	149	CH-180417	0.1	1.9	4.7	2.2	-0.7	2.7	Striped	Black	-15	3.5	4.3	-1			163	
447	149	CH-190137	-0.2	2.2	5.9	<b>3.1</b>	-0.8	3.7	Striped	Mixed	-48	2.5	3.3	-10			157	
448	150	CH-190157	0.0	1.7	4.7	1.6	-0.4	2.7	Striped	Mixed	19	1.0	3.0	1			162	
449	150	CH-170529	-0.3	1.7	5.6	<b>3.1</b>	-0.8	4.0	Striped	Mixed	1	2.5	3.3	-7			<b>167</b>	
450	150	CH-190323	-1.2	1.1	<b>6.4</b>	2.2	-0.9	5.8	Striped	Black	-41	2.0	3.5	-3			164	
451	151	CH-190137	-0.4	2.0	5.2	<b>2.8</b>	-0.7	2.8	Striped	Mixed	-46	3.0	4.5	8			<b>166</b>	
452	151	CH-190773	-0.7	1.4	4.9	1.9	-0.6	1.9	Striped	Mixed	-25	3.5	4.0	13			159	
453	151	CH-190040	-1.7	0.8	<b>7.7</b>	2.2	-1.1	6.9	Striped	Mixed	14	1.5	3.3	-7			161	
454	152	CH-170529	0.0	1.7	4.9	<b>2.7</b>	-0.4	1.9	Striped	Mixed	-24	2.5	3.3	-7			156	
455	152	CH-190323	-1.3	2.0	<b>7.1</b>	<b>2.6</b>	-1.0	5.6	Black	Black	-27	3.0	2.8	1			161	
456	152	CH-190157	<b>0.6</b>	2.0	3.8	2.1	-0.2	1.4	Striped	Mixed	8	2.0	3.3	-6			159	
457	153	CH-190157	<b>0.6</b>	2.0	3.8	2.0	-0.2	1.3	Striped	Mixed	13	2.0	4.0	-2			159	
458	153	CH-190137	-0.4	2.0	5.6	<b>2.9</b>	-0.7	2.2	Black	Mixed	-22	1.5	2.8	-7			157	
459	153	CH-190275	-1.3	1.2	<b>6.8</b>	2.4	-0.8	5.3	Black	Mixed	-40	2.5	3.3	7			<b>166</b>	

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
460	154	200882	151	0.4	8.4	14.3	13.5	-6%	50%	2012	4.7	12%	15%	-0.1	133%	1
461	154	201210	<b>158</b>	0.5	9.4	<b>15.8</b>	13.9	-12%	110%	2017	4.6	10%	14%	0.3	200%	2
462	154	201097	150	0.2	9.2	14.0	13.6	-3%	71%	2017	4.5	10%	15%	-0.9	150%	1
463	155	202655	142	0.0	7.0	11.1	10.0	-10%			4.2	10%	10%	-0.9		1
464	155	200841	151	0.5	9.1	14.5	13.3	-8%	83%	2014	4.3	2%	5%	0.8	150%	2
465	155	202817	147	0.8	<b>10.8</b>	<b>15.7</b>	16.0	2%	81%	2016	5.0	10%	2%	-1.3	200%	3
466	156	200489	152	0.5	8.3	14.0	14.4	3%	67%	2015	4.9	7%	10%	0.5	175%	2
467	156	200994	148	0.4	8.7	12.9	9.6	-26%	144%	2015	4.7	11%	12%	-0.7	240%	2
468	156	202818	145	0.6	9.5	13.8	13.3	-3%	81%	2016	4.4	8%	0%	-1.3	200%	3
469	157	200967	148	0.6	8.7	13.4	13.0	-3%	88%	2017	3.8	13%	19%	-0.7	200%	2
470	157	202141	148	0.4	8.9	14.2	12.9	-9%	177%	2018	<b>6.2</b>	5%	2%		250%	2
471	157	200369	149	0.5	7.6	12.4	10.8	-13%	78%	2017	4.2	1%	3%	0.7	200%	2
472	158	202586	152	0.1	6.8	11.9	10.3	-13%	90%	2014	4.6	10%	19%	0.8	143%	2
473	158	202298	150	0.3	7.7	12.8	12.3	-4%	103%	2013	4.4	7%	17%	-0.5	200%	2
474	158	200770	144	0.3	8.7	13.6	11.9	-13%	55%	2014	<b>5.9</b>	4%	1%		200%	2
475	159	200842	153	0.6	9.8	<b>15.4</b>	14.3	-7%	83%	2014	4.6	2%	5%	0.8	150%	2
476	159	201023	149	0.5	9.2	14.9	15.3	3%	75%	2013	5.0	13%	13%	-0.4	167%	2
477	159	200498	151	0.7	10.1	<b>15.7</b>	15.0	-5%	96%	2018	<b>6.1</b>	9%	17%	-0.5	200%	2
478	160	201235	152	0.6	<b>11.0</b>	<b>16.6</b>	15.2	-9%	113%	2018	<b>5.9</b>	9%	1%	0.1	200%	3
479	160	200920	153	0.7	<b>11.0</b>	<b>16.5</b>	17.5	6%	120%	2017	5.4	12%	<b>22%</b>	-0.7	300%	3
480	160	202184	147	0.5	9.3	14.8	12.4	-16%	109%	2013	5.4	7%	5%	0.9	200%	2
481	161	203158	153	0.3	8.6	14.3	12.9	-10%			4.9	7%	15%			1
482	161	201600	152	0.6	9.8	<b>15.6</b>	16.8	8%	47%	2017	5.3	5%	9%	0.6	150%	2
483	161	202657	149	0.4	9.0	15.1	15.0	-1%			5.3	7%	15%			1
484	162	200930	154	0.5	8.8	14.2	11.5	-19%	154%	2015	5.0	7%	3%	0.5	233%	3
485	162	200231	154	0.7	9.7	14.4	12.0	-17%	77%	2015	4.9	9%	4%	0.5	133%	2
486	162	200669	149	0.5	9.7	15.0	14.0	-6%			4.6	7%	8%			2

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$!	Notes
460	154	CH-170135	-0.5	1.2	4.8	2.0	-0.5	3.2	Black	Mixed	-22	1.5	2.8	17			162	
461	154	CH-170135	-0.4	1.4	5.5	<b>2.7</b>	-0.8	3.6	Black	Mixed	-33	4.0	4.5	11			<b>166</b>	
462	154	CH-170529	0.0	2.2	5.6	<b>3.4</b>	-0.6	2.0	Striped	Mixed	-27	2.0	2.5	-14			155	
463	155	CH-180689	0.2	2.0	4.8	2.5	-0.4	1.0	White	Pink	-10	1.0	3.3	-16	Y	0	144	
464	155	CH-190137	-0.1	2.0	5.4	<b>3.0</b>	-0.6	2.7	Striped	Mixed	-48	3.0	3.3	-1			156	
465	155	CH-190275	-0.9	1.2	5.7	2.0	-0.6	3.5	Black	Mixed	-32	3.0	3.5	4			155	
466	156	CH-180793	-0.3	2.1	5.2	<b>2.9</b>	-0.6	1.2	Black	Mixed	<b>-63</b>	2.5	4.5	1			161	
467	156	CH-180189	-0.8	1.3	<b>6.2</b>	1.8	-0.6	2.7	Striped	Mixed	19	4.0	3.5	-8			150	
468	156	CH-190275	-0.7	1.4	5.4	1.9	-0.5	2.8	Black	Black	-35	2.0	3.3	6			150	
469	157	CH-170529	-0.3	1.5	5.1	2.4	-0.7	2.0	Striped	Mixed	-14	2.0	3.5	-4			156	
470	157	CH-190773	-0.5	2.0	5.3	2.2	-0.4	1.2	Striped	Mixed	-15	2.0	3.3	5			153	
471	157	CH-190137	<b>0.5</b>	<b>2.4</b>	4.6	<b>3.0</b>	-0.5	1.1	Black	Black	<b>-59</b>	2.0	3.0	-7			151	
472	158	CH-190709	-0.1	<b>2.4</b>	5.5	<b>2.8</b>	-0.8	3.4	Black	Mixed	-3	2.5	3.0	-13			156	
473	158	CH-180417	0.2	<b>2.8</b>	5.2	<b>3.0</b>	-0.8	2.2	Black	Black	-23	3.5	3.5	-10			154	
474	158	CH-190773	-0.7	1.6	5.3	1.9	-0.4	1.3	Striped	Mixed	-4	2.0	3.3	6			148	
475	159	CH-190137	-0.2	2.0	5.9	<b>3.0</b>	-0.7	3.3	Black	Black	<b>-57</b>	2.5	3.8	-7			158	
476	159	CH-170529	0.0	1.9	4.8	<b>3.0</b>	-0.6	1.6	White	Pink	30	2.0	3.3	-7			159	
477	159	CH-170278	-1.0	1.7	5.8	1.9	-0.8	2.8	White	Pink	24	1.5	3.5	9			160	
478	160	CH-190040	-1.4	1.0	<b>6.7</b>	2.0	-0.8	5.5	White	Pink	-16	2.0	3.5	2			161	
479	160	CH-180417	-0.4	2.1	<b>6.3</b>	2.5	-1.0	5.3	Striped	Pink	17	2.0	3.0	-8			164	
480	160	CH-190040	-1.5	0.7	<b>6.4</b>	1.9	-0.8	4.2	Striped	Pink	-2	2.0	3.0	-7			153	
481	161	CH-181589	-0.1	1.8	5.0	<b>2.7</b>	-0.5	1.6	White	Pink	-17	1.0	2.5	6	Y	1	160	
482	161	CH-180793	-0.5	1.8	5.9	<b>2.7</b>	-0.8	3.6	White	Pink	<b>-49</b>	2.5	3.8	13			164	
483	161	CH-181589	-0.3	1.3	5.0	<b>2.6</b>	-0.4	1.7	Striped	Pink	-5	1.5	3.0	10	Y	0	159	
484	162	CH-190040	-0.8	1.7	5.9	2.3	-0.6	2.8	White	Pink	-28	2.0	3.8	2			158	
485	162	CH-190333	-1.3	1.0	5.7	1.5	-0.6	2.7	White	Pink	-38	2.0	4.5	19			162	
486	162	CH-190200	-0.5	1.5	5.8	2.5	-0.7	3.6	White	Pink	-8	3.0	2.5	11	Y	1	156	



# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	2020 Drop 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/AWT)	Stocking Rate Efficiency (%) (kg lambs weaned/kg ewe)	Dam Birth Year	Scrotal Circumference (PSC)	Number of Lambs Weaned (NLW)	Yearling Number of Lambs Weaned (YNLW)	Maternal Weaning Weight (MWWT)	DAM weaning %	BT
487	163	200927	154	0.2	6.7	12.1	8.1	-33%	114%	2013	5.3	12%	16%	-0.2	240%	3
488	163	200484	153	0.1	7.3	11.3	9.4	-17%	82%	2016	<b>5.5</b>	14%	16%	-0.2	300%	2
489	163	200029	146	0.3	7.1	11.7	10.6	-9%	109%	2013	4.6	6%	15%	0.5	200%	2
490	164	202888	154	0.3	8.9	15.1	13.5	-10%	40%	2019	5.1	15%	15%	-0.8	100%	3
491	164	202114	150	0.9	<b>10.4</b>	<b>15.5</b>	15.4	0%	63%	2017	5.2	8%	11%	0.1	200%	3
492	164	201161	152	0.3	9.8	14.4	13.3	-8%	95%	2017	5.1	15%	20%	0.6	300%	3
493	165	201482	151	0.4	8.4	14.3	11.4	-20%	82%	2017	5.4	8%	0%	0.3	175%	2
494	165	200693	153	0.6	9.5	<b>15.3</b>	14.9	-3%	51%	2018	5.4	2%	5%	1.0	133%	2
495	165	201618	154	0.6	9.7	<b>15.4</b>	13.4	-13%	75%	2017	<b>5.7</b>	6%	9%	-0.2	200%	2
496	166	202424	154	1.0	<b>13.2</b>	<b>19.1</b>	19.4	2%	124%	2018	<b>6.2</b>	4%	2%	0.0	350%	3
497	166	202156	152	0.5	<b>11.3</b>	<b>17.6</b>	16.1	-9%	92%	2018	<b>6.0</b>	3%	0%	0.3	200%	2
498	166	202526	148	0.5	8.9	14.8	16.0	8%	100%	2019	<b>6.0</b>	10%	7%		300%	2
499	167	200427	150	0.7	<b>11.2</b>	<b>16.8</b>	16.1	-4%	50%	2015	<b>6.0</b>	2%	-3%	0.9	100%	2
500	167	200738	149	0.4	9.0	14.6	14.8	1%	104%	2017	4.2	9%	12%	0.5	150%	1

# CLOVEN HILLS 2021 RAM SALE LOT LISTINGS

LOT	PEN	SIRE	PFAT	PEMD	LMY	DRESS	IMF	SHRF5	Foot Colour	Nose Colour	PFEC	Dag Score	Wool Score	YGFW	GENO-TYPE	MYOSTATIN GDF-8 No. of copies	Maternal Dollar Index M\$I	Notes
487	163	CH-170127	-0.1	1.5	4.2	2.1	-0.2	<b>-0.2</b>	Striped	Pink	-43	2.0	3.0	2			156	
488	163	CH-190157	<b>0.3</b>	<b>2.4</b>	4.6	2.1	-0.4	1.5	White	Pink	1	2.0	3.8	1			157	
489	163	CH-180793	0.2	1.9	4.3	2.4	-0.4	1.6	Striped	Pink	-24	2.0	4.0	-2			152	
490	164	CH-180285	0.2	1.3	4.4	2.5	-0.8	3.1	White	Pink	2	2.5	3.8	16			163	
491	164	CH-170278	-1.4	1.1	5.9	1.7	-0.7	3.3	White	Pink	-3	2.5	3.8	19			161	
492	164	CH-190709	-1.3	0.9	<b>6.8</b>	2.0	-0.7	4.2	White	Pink	-15	2.5	3.3	-15			161	
493	165	CH-190040	-0.7	1.4	5.4	2.3	-0.6	2.1	White	Pink	-16	3.5	3.3	0			156	
494	165	CH-180793	-0.1	<b>2.3</b>	5.8	<b>3.0</b>	-0.8	2.6	Striped	Pink	-37	3.5	4.3	-2			159	
495	165	CH-170278	-0.7	1.6	5.7	2.2	-0.7	2.8	White	Pink	-17	2.5	3.5	18			161	
496	166	CH-190275	-1.2	1.1	<b>6.5</b>	2.2	-0.8	4.7	White	Pink	-46	3.5	3.0	9			165	
497	166	CH-190040	-1.2	1.2	<b>6.6</b>	<b>2.7</b>	-0.7	3.6	White	Pink	-16	3.0	4.3	1			159	
498	166	CH-190333	-0.6	1.2	4.3	1.9	-0.4	<b>0.6</b>	White	Pink	-33	3.5	3.5	18			160	
499	167	CH-190040	-1.0	1.5	<b>6.4</b>	2.3	-0.5	3.8	Black	Mixed	-3	2.0	3.3	5			159	
500	167	CH-170135	-0.3	1.3	4.7	2.4	-0.4	2.4	Striped	Mixed	-8	3.5	3.5	17			161	



# 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 2020 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.
NLW	Number of lambs weaned	Rams with a more positive NLW will produce daughters that wean a higher % of lambs.
PSC	Post weaning scrotal circumference	Rams with more positive SC produce more fertile daughters.
YNLW	Number of lambs weaned	Rams with a more positive YNLW will produce daughters that wean a higher % of lambs 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+	IMF	SHEARF5	BWT	WWT	PWT	AWT	PEMD	LMY	PFAT	PWEC	YNLW	NLW	PSC	MWWT	MAT\$
50 <sup>th</sup> PERCENTILE BAND		133	-0.25	3.0	0.5	7.8	11.5	13	0.8	4.2	-0.6	-28	9%	8%	3.7	0.47	144
CLOVEN HILLS 2021 Sale Catalogue (ave)	500	165	-0.7	3.3	0.5	10.1	16.1	13.8	1.9	6.0	-0.4	-29	20%	15%	6.1	0.1	174
CLOVEN HILLS 2020 Sale Catalogue (ave)	334	157	-0.6	4.1	0.5	9.8	15.2	13.7	1.7	5.8	-0.6	-14	17%	12%	5.2	-0.1	165
CLOVEN HILLS 2019 Sale Catalogue (ave)	250	153	-0.6	4.2	0.5	9.6	15.0	14.3	1.5	5.3	-0.7	-16	15%	12%	4.9	-0.1	163
Cloven Hills Accuracy Sale Drop (%)		47%	49%	48%	66%	70%	69%	64%	62%	60%	62%	52%	47%	42%	60%	49%	53%
Heritability					10%	24%	30%		25%		30%	20%		4%	40%	10%	

## 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, dam efficiency this is 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 25% of the 2020 drop rams.

All 2018, 2019 and 2020 ewes are genotyped plus some of 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 1 = Downsy, 5 = Open.

For a self replacing flock 2.5-3.5 is ideal.

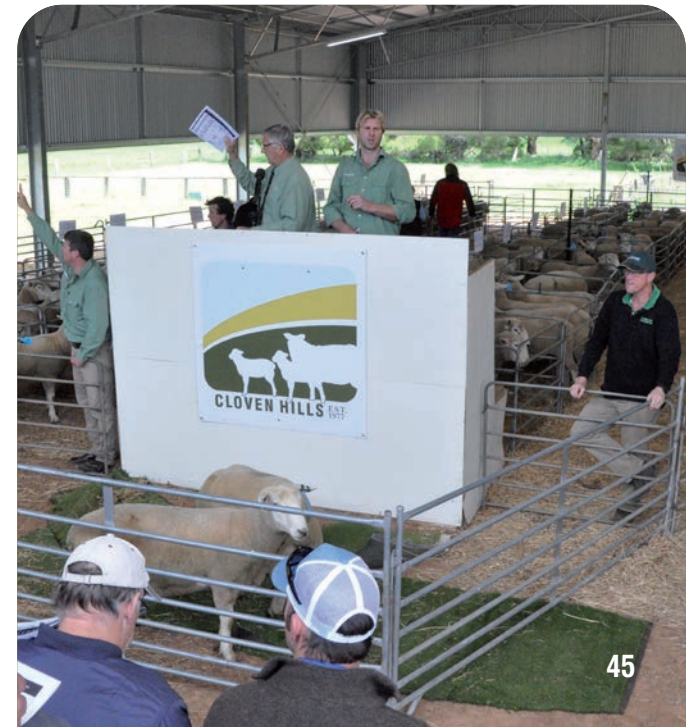
For ewes 3.5 is preferred to ensure fleece weight, openness and easy care. An ideal lamb pelt is 2.5.

Dag Score:

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

CH = Cloven Hills

CO = Cashmore Oaklea



# MATERNAL PERCENTILE BANDS - FOR 2020 DROP ANIMALS

	MCP+	BWT	MWWT	WWT	PWT	AWT	PEMD	PFAT	PWEC	YGFW	YNLW	NLW	PSC	DRESS	LMY	IMF	SHEARF5	MAT\$	
Top value	198.5	1.15	4.2	15.2	22.7	27.6	5.8	2.7	-96	40.8	44%	39%	8.9	4.7	9.22	1.24	-4.2	207	Top value
Top 1%	172.3	0.88	2.1	11.9	18.2	20.2	3.4	1.2	-82	30	32%	26%	7	3.6	7.5	0.38	-0.8	183	Top 1%
Top 5%	161.5	0.79	1.5	10.8	16.3	18	2.6	0.6	-67	25	25%	20%	6.1	3	6.68	0.16	0.3	173	Top 5%
Top 10%	155.2	0.73	1.3	10.2	15.3	16.8	2.3	0.3	-58	22.2	21%	17%	5.5	2.6	6.15	0.05	0.9	166	Top 10%
Top 20%	147.1	0.65	0.9	9.4	14	15.6	1.8	-0.1	-48	18.1	16%	14%	4.8	2.1	5.47	-0.06	1.6	158	Top 20%
Top 30%	141.6	0.58	0.7	8.9	13.1	14.6	1.4	-0.3	-41	14.1	13%	12%	4.4	1.8	5.02	-0.14	2.1	153	Top 30%
Top 40%	137.2	0.52	0.4	8.3	12.3	13.8	1.1	-0.5	-34	10.1	11%	10%	4.1	1.6	4.62	-0.22	2.6	148	Top 40%
Top 50%	133.1	0.47	0.2	7.8	11.5	13	0.8	-0.6	-28	7.2	9%	8%	3.7	1.3	4.23	-0.3	3	144	Top 50%
Top 60%	129.3	0.41	0	7.2	10.7	12.1	0.5	-0.8	-22	4.5	7%	6%	3.4	1.1	3.76	-0.4	3.4	140	Top 60%
Top 70%	125.4	0.35	-0.3	6.4	9.6	11.1	0.3	-1	-15	1.8	5%	5%	3	0.8	3.15	-0.51	3.8	135	Top 70%
Top 80%	121	0.28	-0.5	5.5	8.4	9.9	0	-1.2	-5	-1.5	3%	2%	2.6	0.6	2.19	-0.65	4.2	129	Top 80%
Top 90%	114.3	0.18	-0.9	4.2	6.5	8.1	-0.4	-1.5	9	-5.9	0%	-1%	2	0.3	1.05	-0.8	4.9	121	Top 90%
Bottom value	83.5	-0.55	-3.8	-3.2	-4.3	-3.8	-3	-3.8	217	-45.2	-23%	-14%	-2.5	-1.4	-1.96	-1.53	8.8	85	Bottom value

## 10 YR REPORT CARD By Dr Tom Granleese

Cloven Hills genetic gains as represented by the MCP+ index is highlighted by the orange line in Figure 1. Over the past 10 years Cloven Hills have averaged 4.2 MCP+ points genetic gain/yr. The 10-year Composite industry average is 2.1 MCP+ points gain/yr (*Source: Sheep Genetics*). Effectively, Cloven Hills have been improving at double the rate of industry over the past decade. Cloven Hills long-term rapid rate of genetic improvement means they are industry leading genetics.

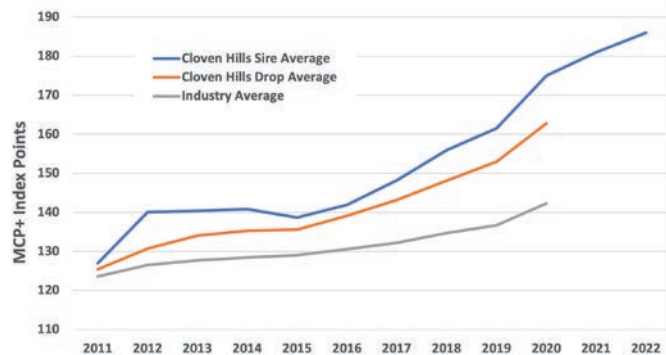


Fig 1: Cloven Hills Sire team average, Cloven Hills Drop Average and Composite Average for MCP+ Index. *Source: Sheep Genetics as of 2/8/21*

### Why genetic gain from your stud is important to you

When a stud you are sourcing genetics from is achieving high rates of genetic gain, it is important for you as a client:

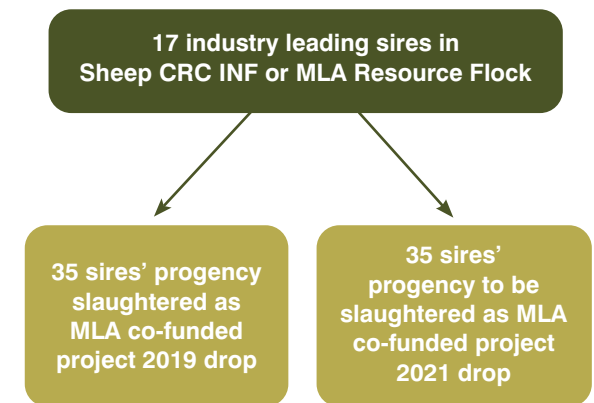
- ▶ Your own genetic gain in key production traits follows your sourcing stud (Figure 1). This is important to increase your on-farm profitability
- ▶ There are more rams to choose from that will increase the genetic merit of your on-farm ram battery
- ▶ More rams to choose from means you have more chances at buying rams on sale day or privately in the paddock that will progress your breeding objective

### What else are Cloven Hills focusing on?

The Cloven Hills breeding program are committed to continuing to offer high genetic merit rams for their clients for key profit driving production traits and you can be assured by this by seeing the genetic merit of their sire teams in 2021 and preselection for 2022 drop is now occurring (Figure 1 blue line).

### Summing up

Cloven Hills breeding program has a commitment to providing its customers with high value genetics. They are also continually tweaking other traits in their breeding program that will provide commercial breeders profitable ewes with longevity.





# SALE INFORMATION

## SELLING AGENT

Nutrien Casterton, 13 Henty Street, Casterton VIC 3311.

Rick Smith 0447 770 339 | Email: rick.smith@nutrien.com.au

**3% Rebate to outside agents**

**Nutrien**  
Ag Solutions\*

## SELLING METHOD

Rams auctioned in pens of 3.

The entire Auction will be run "Pick of the Pen"

  
**AuctionsPlus**®

## FREE DELIVERY

Free delivery is available locally, SA (inc. Kangaroo Island), Tasmania, NSW, WA and other nominated destinations by arrangement. **Due COVID-19 restrictions and tight border control, if you would like your rams delivered please call Kate Dorahy ASAP prior to Auction to organise.**

## RAM SALE ASSISTANCE & INSPECTION

**All rams will be presented on our OPEN DAY, Thursday 23<sup>rd</sup> September 2021.** Please let us know if we can assist with selection and short lists.

## LUNCH

Lunch will be 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.



(L-R) Mark Web, Bill Scott-Young, Kate Dorahy and Chris Dorahy

"Cloven Hills sheep and genetics really suit Tasmania, with the topography and climate we have here very similar to their region in south-west Victoria.

"Lamb survivability has been good, obviously no one can control the weather, but Cloven Hills sort of stands alone in survivability rates against other genetics.

"One of the key (breeding) traits that Cloven Hills has concentrated on is the adult ewe weight.

"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.



2020 Hogget in September 2021 with her twin lambs.

"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, was certainly recognised at this year's sale.

"Kate is obviously very good with her data collection and is measuring all aspects of what people are looking for within our industry ... it makes ram selection very simple."

- Mark Webb, Webb and Woodiwiss, TAS

\* Mark is Cloven Hills' Tasmanian-based agent and also uses our genetics in his own prime-lamb production.

# 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.**

With the uncertainty created by COVID-19 this year, including border closures between our Australian states and restrictions within Victoria, we believe Auctions Plus will be a vital sale-day link between Cloven Hills and our Australia-wide client base.

**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 2<sup>nd</sup>-3<sup>rd</sup> October and Public Holiday in NSW (Monday 4<sup>th</sup> October), when back-office support may be limited).
- ▶ Upgrade your account to buy livestock including:
  - PIC
  - Completing Buyer Induction (30 mins)
  - ABN
  - Scoring 100% in the Quiz
  - Contact Details
- ▶ 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](mailto: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**

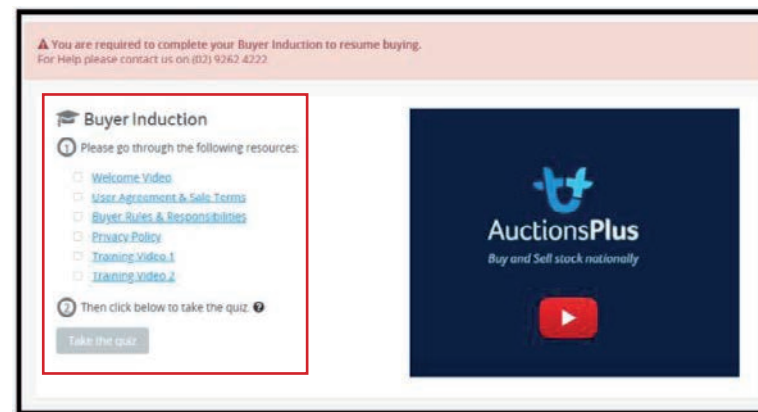
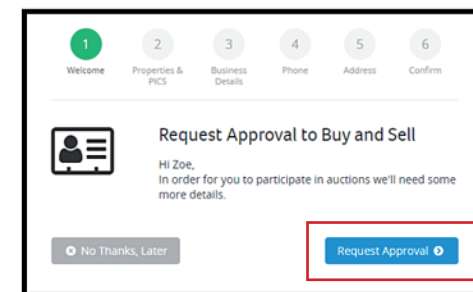
## TO REGISTER:

**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 2<sup>nd</sup>-3<sup>rd</sup> October and Public Holiday in NSW (Monday 4<sup>th</sup> 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.



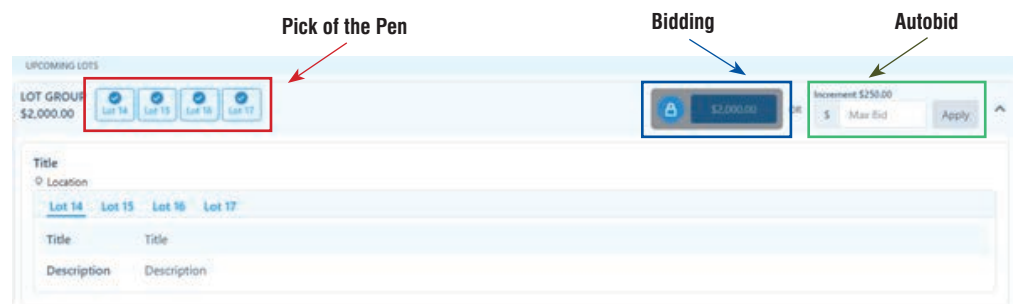
6. Once you have completed and 'ticked' all resources, you will be able to take the quiz. **You must achieve 100% on the quiz to be approved as a buyer.** If you get an answer(s) incorrect, you will be able to re-take the quiz.
7. Once you have completed the quiz, Auctions Plus will confirm your details 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

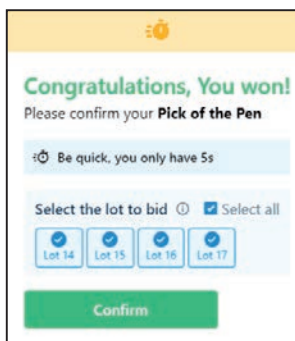
- ▶ Rams will be offered in Pens of 3 and sold as “Pick of the Pen”.
- ▶ Once you are a fully registered bidder, you can make your selections once the auction is open.
- ▶ Information on each lot number is published on the website and you can view each ram by clicking on the lot number (highlighted in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

## COVIDSAFE PROTOCOLS FOR ATTENDING THE CLOVEN HILLS RAM SALE AND OPEN DAY 2021

**AGRICULTURE IS AN ESSENTIAL SERVICE AND THE CLOVEN HILLS RAM SALE AND OPEN DAY CAN OPERATE WITH A COVIDSAFE PLAN. THE FULL PLAN IS AVAILABLE UPON REQUEST, BUT THE FOLLOWING KEY PRINCIPLES WILL APPLY:**

**There are no restrictions on the number of people, but only intending purchasers are eligible to attend.**

### ATTENDEES MUST:

1. always wear a mask or face covering
2. register immediately upon arrival with name and number for contact tracing purposes
3. 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 sanitizing products available
7. use the designated rubbish bins for any wastes
8. stay within the confines of the ram display area and selling ring



Food and drink will be provided by accredited catering businesses according to their COVID plans.

Auctions Plus provides an alternative for purchasing for people who are unable to attend.





"I was chasing their lower adult weight, as well as something in-keeping with those key profit-drivers in the (Australian Sheep Breeding Values) system – twinning and growth rate, toughness, fat and muscle, negative on worms.

"The breeding values are everything ... I don't look at buying anything without data, tick that off, then I look at the conformation. "Trying to keep weaning percentage up while reducing adult weight is a real challenge; that's where the muscle, fat, early growth and early maturity come into it.

It was really important to keep a cap on that adult weight, for stocking and handling and we also wanted to try and keep the same growth rate, with early maturity for the ewe lambs.

"With Cloven Hills genetics, we're seeing very impressive scanning and marking – the best we've ever had.

"Before, we were getting close to 145% weaning; now the adults scan at 175% and mark at 153% - that includes dries and deaths.

"This year is a testament to the robustness of the genetics - we've mated and marked more sheep than ever before in one of our worst starts to the season and with the least amount of shelter after the 2020 fires.

"The ewe lambs are also getting really good results, scanning at 120% this year and previously up to 147% for over 1000 twin born ewe lambs with marking between 100 and 120%; this is a massive boost to our business.

"It's a numbers game for us; we're not worried about finishing too many lambs at all, although I know these lambs will quickly finish to export weights

"We've got plenty of natural selection here ... we run the ewes pretty hard in the singles ... and use confinement feeding and deferred grazing to make sure there's at least 1200kg FOO for the multiples come lambing in early July.

"With the (Cloven Hills genetics) we've got a low-maintenance ewe - it's an easy lambing and there's little we have to do ... roll over any cast ewes, the muscle and fat is really important not only for the ewe but also for lamb survival."

- Rick Morris, Kangaroo Island, SA



"I use stocking rates around 20 (Dry Sheep Equivalents) ... the Cloven Hills growth rates are really good (and this is early finishing country with gravel hills, gravel or sandy, there's not much tabletop, so the toughness in the sheep is a must.

"The ewes are in containment later in the summer

and probably getting fed straw, they're run hard but they maintain that good score and the worm egg counts means we only drench once a year, for the middle-aged ewes.

"The moderate adult weight is also a big attraction because they're easier to handle, shearing is not a problem.

"The main thing I like is they're always very choosy about their genetics, I know that Kate's always looking for the best genetics in her AI program, always trying to improve the genetics.

"And with maternal Composites you know what you are getting - one line of sheep, they're hardy and they're tough.

"You can get your production where you want it to be and have animals with good temperament.

(This year's) ewes scanned at 164% over a 24-day joining, weaning over 155%, which is ideal.

Ewe lambs scanned at 139% over a 33-day joining, with none taken out for low weights."

- Mareeta Cox, Coojar, VIC



"One 800 acre block that we've got is really wet; for about six to 10 weeks it's under water each year ... we did run Merinos to first-cross lambs, but we found it really hard on them.

"Then we made the switch to the Composites and it's simplified the operation ... low maintenance and we don't have to buy-in ewes.

"When we first started, we were putting Cloven Hills rams over the first cross and some Merinos to help build our numbers up, from the start we never really had much trouble with lambing.

"As we've gone on, the lambing is getting easier and easier, we select for lower birth weight, but they're still tough, grow out well.

"All up we're scanning around 170 per cent and that's including the ewe lambs; last year we did 250 ewe lambs and 1600 mature-age.

"I run a livestock transport show as well, so simplifying things back to pure Composites has made everything so much easier.

"You have a real drought during Autumn around here, so we put a fair bit of barley out during Autumn, so the ewes are kept on feeders during lambing and we stop feeding around the end of June.

"We generally run them a bit lighter condition, things go a lot easier.

"And buying rams without blowing the budget is a bonus."

- Shane Kelsh, Lucindale, SA



## MAJOR SIRES IN CATALOGUE



**CLOVEN HILLS 2019-157**

Ranked 23, 180 MCP+ (68% accuracy),  
top 1%, 181 progeny, 1 flock, FAT 1.01



**CLOVEN HILLS 2019-123**

Ranked 6<sup>th</sup>, 95 progeny, 1 flock, MCP+ 193  
(68% accuracy), top 1%, NLW 32%, YNLW 36%



**CLOVEN HILLS 2018-191**

Ranked 5<sup>th</sup>, 325 progeny, 2 flocks, MCP+195  
(77% accuracy), top 1%



**CLOVEN HILLS 2018-1487**

Ranked 28<sup>th</sup>, 388 progeny, 2 flocks, MCP+ 180  
(77% accuracy), top 1%, -78 FEC



**CLOVEN HILLS 2017-529**

Ranked 97<sup>th</sup>, 493 progeny, 7 flocks, MCP+ 166  
(87% accuracy), top 5%



**CLOVEN HILLS 2019-1280**

Ranked 8<sup>th</sup>, 206 progeny, 1 flock, 193 MCP+ (65%  
accuracy), top 1%, PWWT 18.8 top 1%, AWT 12.3





# 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 an extra 170 rams to ensure clients are again getting excellent buying value”, Rick Smith, Nutrien Casterton. ”