

Ram Semen Catalogue 2025

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Earnscleugh Artificial Breeding (AB) Centre

We collect, store, market and distribute ram semen.





He's worth big money so make him pay his way. Your elite ram can cover 2000 ewes per season



through our AB Centre, but only 200 ewes naturally.



- · Gain: Genetic insurance; if your elite ram dies you still have his genes
- Gain: Increased connectedness and fair comparisons with other flocks
- Gain: Increased elite ram to ewe ratio
- · Gain: Faster flock improvement for you and you ram clients
- Gain: Profit from semen sales nationally and internationally
- Gain: Free advertising in our establish Ram Semen Catalogue

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854 Earnscleugh Road, RD1 Alexandra

Welcome to the 2025 Genetic Gains Ltd. Ram Semen Catalogue

Goodness, what a state of flux our sheep industry is in at the moment! Meat processing plants are restructuring, several prominent stud flocks are being dispersed, Mr Luxon has announced this week that Crown Research Institutes such as AgResearch will be restructured and today's news suggests Pamu is under pressure to sell some of their farms. However, prices for sheep products are improving and once the dust settles after all this change, I believe we will have a very strong, focused industry moving forward.

In the meantime, this will be the last ram semen catalogue that Genetic Gains releases. Most of the straws used for AI since imports from the UK, Canada and France were allowed in 2016 have been from one of these countries or Australia. Also, NZ breeders are increasingly reluctant to share their genetics outside of their breeding group and there have been very few sales from the catalogue for a number of years now. It is very clear that this service is no longer needed by the NZ sheep industry. If you think you would like access to the genetics listed in the following pages, this year may be the last chance to source them! There are very small numbers of straws left from some of the sires.

Many breeders have chosen to breed shedding sheep to reduce the labour input to their businesses. A Shedding Improvement across flock group was established in 2024. This group of breeders are working together towards breeding sheep with 100% shedding ability and genetic resistance to dags, worms and facial eczema. They also need to keep an eye on genetic merit for other productive traits.

Congratulations to the breeders who are currently continuing to weather poor economics for wool. Most wool producers are very focused on genetic improvement for productive traits. In the long term, there will be benefits from focusing on wool weights and wool quality as well as disease resistance. Soon there will be a lack of supply and increase in demand which can only be good for the price wool producers are rewarded with.

Please don't hesitate to contact me with any queries, to book a ram for semen collection, or to place a semen order! This may be your last chance to source the genetics listed in the following pages!

Julía Aspínall



General Information

INTRODUCTION

Genetic Gains was established in November 1995, and became a registered company in November 1999. We produce the Ram Semen Catalogue annually in order to assist in the distribution of some of New Zealand's top genetics nation wide. Wide use of these elite sires will have a flow-on effect on the genetics of the sheep industry with a resulting increase in quality production and profitability. Genetic improvement is cumulative and compounding, just like interest on term deposits in the bank. Within a flock, the net financial return from genetic improvement can amount to tens of thousands of dollars over a 10 year period.

Genetic Gains Ltd. supplies Artificial Insemination (AI) and Multiple Ovulation and Embryo Transfer (MOET) services to sheep breeders in Southland, Otago and Canterbury. We are proud to offer sheep breeders a genetics package including SIL Bureau services to assist in the identification of highly productive animals, semen collection and distribution of top genetics from the Earnscleugh AB Centre as well as enabling its end use through AI and MOET.

QUALITY ASSURANCE

Sheep Improvement Ltd.'s weekly NZ Genetic Evaluation (NZGE) has provided us with the net financial benefit of each ram compared to other rams from connected flocks. These benefits are expressed in the indexes, which are expressed in dollars and reflect the difference from average.

Some semen included in this catalogue has been processed at other AB Centres in New Zealand, and some straws have been imported from overseas. All collection Centres have very strict quality control procedures.

BENEFITS OF AI

- Genes from elite sires become accessible to all breeders.
- Breeders can benefit from elite genes without having to buy the ram.
- Access to elite genes results in increased value ram sales, and increased production and profit for ram clients.
- Al facilitates connectedness to SILs analyses so that animals from different flocks can be accurately compared...
- Frozen semen allows the use of genes from superior sires even after they have died. It is an insurance against loss of the genes.
- Elite sires can be used over a very wide geographic area.
- Extra revenue for breeders through semen sales.

SYNCHRONISATION METHODS

Before inseminations can be carried out, it is essential to ensure that enough animals are at the right stage of their oestrus cycle. There are several ways of achieving this.

1. Synchronised Oestrus.

A CIDR (Controlled Internal Drug Release Device) containing a hormone which controls the oestrus cycle is inserted into the vagina of the ewe approximately 14 days before the insemination date. The devices are withdrawn a specific time before insemination.

Al can then either be done on a "fixed time" or an "on heat" basis.

Fixed time insemination involves inseminating all the animals a set time after the withdrawal of the synchronisation device. No vasectomised rams are used for heat detection, and all animals are inseminated regardless of whether they have shown oestrus or not. Conception rates are lower than with on heat AI, and for this reason Genetic Gains does not recommend the fixed time method.

On heat insemination involves AI approximately 12 hours after the detection of the onset of oestrus i.e. harnessed vasectomised rams are used to detect oestrus, and marked ewes are drafted off twice daily. Groups of ewes are inseminated in the order that they were marked by teaser rams.

Genetic Gains Ltd. generally uses on heat insemination. Ten percent more ewes than the number to be inseminated are programmed with CIDRs, and oestrus is detected using harnessed vasectomised rams. The AI team makes only one visit to the farm, but ewes which show oestrus too early or too late for AI are not inseminated. This maximises the conception rate.

2. Natural Oestrus.

A large flock of animals from which those to be inseminated are chosen at random are necessary. Harnessed vasectomised rams are introduced to the flock and inseminations carried out following heat detection.

3. Synchronised-Next-Oestrus.

The drugs within synchronisation devices can cause a reduction in conception rate compared to insemination on natural oestrus, especially if the cervical technique is used. Insemination on natural oestrus is not suitable for all breeders so it is convenient to reach a compromise between the two methods.

Synchronised-next-oestrus involves synchronisation with a vaginal device after which the animals are left for a cycle, then inseminated on an on heat basis.

METHODS OF AI

There are two methods of inseminating, both of which are used in New Zealand.

1. Cervical Insemination.

This is a relatively simple technique which breeders can learn to do themselves. Throughput is approximately 50 to 60 per hour, and average conception rates are 50% to 60%. **Fresh semen must be used with cervical insemination** as the conception rates resulting from frozen are not acceptable when this technique is used.

The hindquarters of the animal are presented to the operator, who inserts a clean speculum into the vagina. The opening to the cervix is located, and the semen is deposited just inside the entrance via a glass pipette. The animals are then allowed to wander quietly back to pasture.

2. Intrauterine Insemination.

This method is more technical, and requires a skilled technician. The throughput is 25 to 40 per hour, and the conception rate varies from 60% to 90% depending on whether fresh or frozen semen is used, the synchronisation method and various other management factors. Conception rates tend to be approximately 10% higher with on heat insemination compared with fixed time, and a further 5% to 10% higher when fresh semen is used rather than frozen.

The ewes or does are fasted overnight, tranquillised then loaded onto a mobile trolley. After removal of some fibre from the lower abdomen the exposed skin is cleaned then sterilised. Local anaesthetic is used, then a laparoscope and an inseminating pipette are inserted through two small holes in the lower abdomen. The uterus is located using a laparoscope and the semen deposited directly into the uterus with the inseminating pipette. The animals are released from the trolley and allowed to wander back to pasture.

STEPS INVOLVED IN PREPARING FOR AI

- 1 Prepare vasectomised rams at least 6 weeks before they are required. At least 6% are required e.g. if 100 ewes are to be inseminated, 6 vasectomised rams are needed.
- 2 Decide on preferred AI date.
- 3 Decide on method of AI and arrange technician.
- 4 Plan synchronisation method.
- 5 Order semen specifying preferred sires and second choice.
- 6 Check your semen order is confirmed.
- 7 Start programming the ewes according to the AI programme supplied by your inseminator.
- 8 Monitor oestrus detection.
- 9 Carry out inseminations.
- 10 Introduce at least 2% entire rams 8 to 10 days after the inseminations. (Remember that the returns are also synchronised.)

SEMEN DISPATCH

Frozen semen is packed in single dose 0.25ml straws. **Frozen semen should only be used with the intrauterine technique and is not suitable for cervical insemination.**

Fresh semen is cooled to 15°C and dispatched in individually identified test tubes. Cooled semen should be used within 10 hours of collection. It is essential to specify the method of AI to be used when ordering fresh semen. Doses for the cervical technique are much more concentrated than for the intrauterine technique.

CONDITIONS OF SEMEN SUPPLY

Assessment of each batch of semen ensures that high levels of quality assurance are met for every consignment. Genetic Gains Ltd. does not control the conditions affecting the product after dispatch. All implied terms, conditions and warranties relating to the quality and/or fitness for purpose or productiveness of the product are therefore excluded and Genetic Gains Ltd. shall be under no liability whatever for any direct or indirect loss and/or expenses (including loss of profit and consequential loss) in respect to products sold. Genetic Gains Ltd. shall not be liable for any loss or damage whatever due to the late or non-delivery of the product or if the product is damaged in transit. In the event of a dispute regarding the liability of Genetic Gains Ltd. or liability against Genetic Gains Ltd. being found under no circumstances shall the liability exceed the price of the product supplied.

DEFINITION OF TERMS

- SIL Sheep Improvement Limited. NZ's national sheep database and genetic engine.
- NZGE The latest version of the NZ Genetic Evaluation which includes all flocks on SIL.
- CPT Central Progeny Test. An across breed progeny test which links flocks within the NZ sheep industry.
- NZMW+M+W (\$) SIL Index for Maternal Worth including Wool and Meat Yield. Indexes represent the genetic merit of the animal compared to others in the analysis (for connected flocks) or to others in the flock (for unconnected flocks). In this catalogue indexes are expressed in dollars. The higher the index, the greater the estimated financial return from using the ram as a sire.
- NZTW (\$) SIL Index for Terminal Worth (Survival, Growth and Meat Yield)
- R,A,W,X, F Reproduction, Adult Growth, Wool, Facial Eczema, WormFEC
- G,M,S Growth, Meat Yield, Survival
- WWTgBV Weaning weight breeding value is expressed in kilograms
- PACCH4BV Breeding value for methane production. A negative value is more desirable.
- IMFgBV Intra muscular fat breeding value

BELTEX Rangiatea 9147/19 (SIL ID 2410.9147/19)

OW	OWNER		PEDIGREE	
Don Edgecombe 54 Quartz Drive Rolleston			Rangiatea 8010/18	Callacrag C014/17 (Cowboy)
Bred By: Blair Gallagher Rangiatea 571 Upper Downs Roa	ad	Rangiatea 9147/19		Callacrag T079/13
R D 8 Ashburton		0111/10		UK Beltex AST12/14
			Rangiatea 38/17	
				Buckles & Broxty BKF22/10
SII	L INFORMAT	ION		Contraction of the second
	Index	gBV	and the second sec	The second se
NZTW (\$)	14.62			
TSG (\$) TSM(\$) TSS(\$)	11.56 3.66 -0.59			
WWTgBV(kg)		5.28		
No. progeny on SIL	117			
SIL data from analysis	NZGE6 4233	6 on 24 January 2025		

Rangiatea 9147/19's current ID on SIL is 3093.R9147/19. The percentile table on the right is from nProve Commercial which is currently reporting data from NZGE on 29 November 2024.



BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

Rangiatea 9147/19 was jointly purchased by the Maple and Rosedale studs in 2020. He was used as a sire in 2020 over hoggets and his lambs were smaller at birth for ease of hogget lambing, but had excellent growth rates. He has faultless conformation with excellent feet and has bred consistently true to type. He is the top ranked pure Beltex ram born in 2019 on SIL.

Breeding Objectives: Maple selects for Growth and easy care with good Survival. Rosedale selects for Growth, Muscling and Survival.

Environment: The Maple stud is located on the Canterbury Plains, and Rosedale is on rolling hills in Eastern Southland. Use of semen from this ram allows NZ breeders to access genetics from a ram that is a high performing pure Beltex.



COOPWORTH Tamlet 312/17 (SIL ID 1138.312/17)

OWNER		PEDIC	GREE
Tamlet Sheep Genetics c/- G A Smith Mimihau R D 2		Tamlet 537/15	Blackdale 142/12
Wyndham 9892 Bred By:	Tamlet 312/17		Tamlet 248/11 .2333221
Tamlet Sheep Genetics			Tamlet 569/10
		Tamlet 242/12 .2212	
			Tamlet 313/09 .121

	SIL INFORMA	TION	
	Index	gBV	
MW+M(\$) DPCR (\$) DPS (\$) DPG(\$) DPA (\$) DPM (\$) DPW (\$)	38.36 4.83 3.85 19.26 -2.47 12.89 1.55		
WWTgBV (kg) PACCH4BV		†3.98 †0.40	
No. progeny on SI Data from analysis		6 24 January 2025	





The percentile table on the right is from nProve Commercial which is currently reporting data from NZGE on 29 November 2024.

BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

Tamlet 312/17 has been selected to represent Alpha Sheep Genetics in the 2021 CPT Hub sites. He has been used in the Tamlet stud 2019 to 2021. His progeny are proven to have exceptionally high Meat Yield—Tamlet 312/17 ranks within the top 2% of all dual purpose sheep on SIL for this trait.

Tamlet Sheep Genetics selects for Reproduction, Growth, Meat, Wool, Survival and Iow Dag Score and methane production.

The Tamlet stud is intensively farmed on rolling country in Eastern Southland.

Use of this semen provides breeders with the opportunity to use an excellent Coopworth sire with outstanding Meat Yield



Dorper

Maple 20207/20 (SIL ID 3091.20207/20)

OWNER	PEDIGREE	
Don Edgecombe 54 Quartz Drive Rolleston	Amarula 5984/16	Amarula 5177/15
Bred by: Don Edgecombe	Maple 20207/20	Amarula 3709/12
	Dell 16007/16	Dell 140049/14
		Dell 100035/10

SIL INFORMATION				
	Index	gBV		
NZTW (\$)	3.88			
TSG (\$) TSM(\$) TSS(\$)	2.67 0.41 0.79			
WWTgBV (kg)		1.69		
No. progeny on SIL	103			
SIL data from analysis	NZGE6 42	336 24 January 202	5	





Top Maple 20207/20

Left Amarula 5984/16

Right Dell 16007/16



BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

Maple 20207/20 (Leroy) was born from an embryo imported from Australia and was Supreme Champion at both the Ellesmere and Christchurch Shows. Although they remain in Australia, his dam and sister were purchased by the Maple stud and their embryos are imported into NZ each year. His sire, Amarula 5984/16 has proved to be an outstanding ram with excellent muscling. He has been used in the Maple stud through Al in 2019 and 2020. Maple 20207/20's sire and dam are both Type 5 under the Dorper Classing system.

Breeding Objectives: Maple selects for Growth and easy care with good Survival.

Environment: The Maple stud is located on the Canterbury Plains.

Use of semen from this ram provides breeders with the opportunity to use a Black Dorper with a top performing sire.



Dorper

Winton White 644/22 (SIL ID 3424.644/22)

	OWNER		PEDIGREE
Rachelle and G 1689 Chatto Cre State Highway 8 R D 3	eek Road		Sunnyvale 172/15 Winton White 230/18
Alexandra 9393	;		Winton White 68/15
		Winton 644/22	White
Bred By:			Winton White 92/16
Rachelle and G	reg Keen		Winton White 231/18
			Winton White 16/12
	SIL INFORMA	TION	
	Index	gBV	
MW+M(\$) DPCR (\$)	12.82 4.21		

BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

Winton White 644/22 is a full brother to 552/21. He is a fully shed ram. He is from a strong maternal line whose dam has reared above her body weight at weaning. She has bred a ram or ewe which has been retained in the flock every year.

Winton White selects for Reproduction, Growth, Survival, correct conformation and mothering ability. The flock makes limited use of drench and is working on building worm resistance. Winton White is a member of the recently formed NZ Shedding Sheep Group. Winton White is not yet connected to the industry for any SIL traits. **The Winton White stud** is located in Chatto Creek, Central Otago

Use of this semen provides breeders with the opportunity to use a sound Dorper sire. The breed is proven to be excellent for hogget lambing and shedding!



DPS (\$)

DPG(\$)

DPA (\$)

DPM (\$)

WWTgBV (kg)

No. progeny on SIL

-1.40

12.07

-7.27

5.21

0

Data from NZGE6 42336 24 January 2025

2.74

Dorper

Winton White 673/22 (SIL ID 3424.673/22)

	OWNER			PEDIGRE	CE
Rachelle and G 1689 Chatto Cr State Highway R D 3	eek Road			Bellfield B3/18	Rivermoor 15/16
Alexandra 9393	3				Bellfield 14/16
			Winton White 673/22		
Bred By:					Winton White 168/17
Rachelle and G	Greg Keen			Winton White 345/19	
					Winton White 81/15
	SIL INFORMA	TION			
	Index	gBV			
MW+M(\$) DPCR (\$) DPS (\$) DPG(\$)	6.75 -2.94 0.18 14.83				

BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

Winton White 673/22 was the champion hogget ram at the 2023 Canterbury Show. His dam and grand dam have short tails and did not need docking. His sire has won the same class at the same show at the same age, and was described by the judge as (the best balanced ram I have ever seen".

Winton White selects for Reproduction, Growth, Survival, correct conformation and mothering ability. The flock makes limited use of drench and is working on building worm resistance. Winton White is a member of the recently formed NZ Shedding Sheep Group. Winton White is not yet connected to the industry for any SIL traits. **The Winton White stud** is located in Chatto Creek, Central Otago

Use of this semen provides breeders with the opportunity to use a sound Dorper sire. The breed is proven to be excellent for hogget lambing and shedding!



DPA (\$)

DPM (\$)

WWTgBV (kg)

No. progeny on SIL

-10.01

31

Data from NZGE6 42336 24 January 2025

4.70

2.74

FERTMAX COMPOSITE SHEDDER Gleneagles 210552 (SIL ID 7764.210552.2021)

OWNER		PEDIGREE
Haldane Genetics c/ Ewan Haldane 461 Toolong Road Port Fairy VIC 3284		Gleneagles 1191/16
Bred By:		
Haldane Genetics www.haldanegenetics.com.au	Gleneagles 210552	
		Gleneagles 181170
LAMBPLAN INFORMA	ATION	Section 200 - Williams

BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

Haldane Genetics FERTMAX Composite Shedder are a breed of shedding sheep adapted to high productivity farming environments.

Breeding Objectives: high growth rates, high lamb birth survival and outstanding mothering ability, easy management with no shearing, **F ERTMAX**® fertility genes. **Environment:** Haldane Genetics' Ballymoyne' property is our Nucleus & Research Farm set on 104 acres of rich dairy land

Environment: Haldane Genetics' Ballymoyne' property is our Nucleus & Research Farm set on 104 acres of rich dairy land based in Port Fairy, Victoria. With an average annual rainfall of 34 inch, it makes the ideal setting for our Nudie flock of sheep

Use of this semen provides breeders with the opportunity to use a shedding sire that will improve fecundity, growth, and non-seasonal breeding in shedding upgrading programs.



FERTMAX COMPOSITE SHEDDER Gleneagles 210482 (SIL ID 7764.210482.2021)

OWNER	PEDIGREE
Haldane Genetics c/ Ewan Haldane 461 Toolong Road Port Fairy VIC 3284 Bred By: Haldane Genetics <u>www.haldanegenetics.com.au</u>	Gleneagles 210482 Gleneagles 180022
LAMBPLAN INFORMATION	

BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

Haldane Genetics FERTMAX Composite Shedder are a breed of shedding sheep adapted to high productivity farming environments.

Breeding Objectives: high growth rates, high lamb birth survival and outstanding mothering ability, easy management with no shearing, **F ERTMAX®** fertility genes. **Environment:** Haldane Genetics' Ballymoyne' property is our Nucleus & Research Farm set on 104 acres of rich dairy land

Environment: Haldane Genetics' Ballymoyne' property is our Nucleus & Research Farm set on 104 acres of rich dairy land based in Port Fairy, Victoria. With an average annual rainfall of 34 inch, it makes the ideal setting for our Nudie flock of sheep

This ram provides opportunities to add a high fertility line of non-seasonal shedding genetics to New Zealand non-shearing programs. He is genotyped on the GenomNZ 60K and his dam is an ALL-STAR ewe that has lambed every 7.2 months.



NUDIE 031 (SIL ID 7764 2000

Gleneagles 200031(SIL ID 7764.200031.2020)

OWNER	PEDIGREE
Haldane Genetics c/ Ewan Haldane 461 Toolong Road Port Fairy VIC 3284	CS500042019190286
Bred By:	
	Gleneagles 200031
	CS00042019190279

S	IL INFORM	ATION	
	Index	gBV	
NZMW+M(\$) DPCR (\$) DPS (\$) DPG(\$) DPA (\$) DPM (\$)	19.70 4.32 3.46 12.79 -4.82 3.95		
WWTgBV (kg)		†2.77	
No. progeny on SIL	41		
SIL data from NZGE	6 24 Januar	y 2025	
	NZMW+M(\$) DPCR (\$) DPS (\$) DPG(\$) DPA (\$) DPM (\$) WWTgBV (kg) No. progeny on SIL	Index NZMW+M(\$) 19.70 DPCR (\$) 4.32 DPS (\$) 3.46 DPG(\$) 12.79 DPA (\$) -4.82 DPM (\$) 3.95 WWTgBV (kg) 41	NZMW+M(\$) 19.70 DPCR (\$) 4.32 DPS (\$) 3.46 DPG(\$) 12.79 DPA (\$) -4.82 DPM (\$) 3.95 WWTgBV (kg) †2.77



BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

Haldane Genetics NUDIES are a breed of shedding sheep adapted to high productivity farming environments that can experience cold, wet, and muddy conditions with pressures from internal parasites.

Breeding Objectives: high growth rates, high lamb birth survival and outstanding mothering ability, easy management and no shearing.

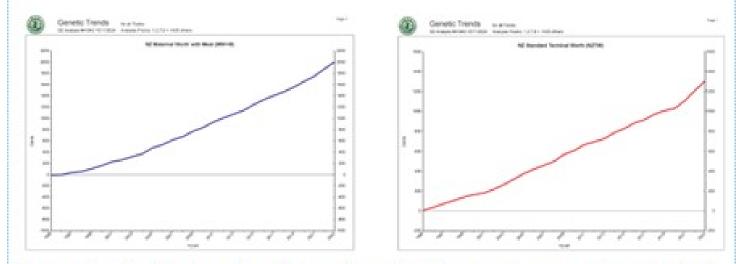
Environment: Haldane Genetics' Ballymoyne' property is our Nucleus & Research Farm set on 104 acres of rich dairy land based in Port Fairy, Victoria. With an average annual rainfall of 34 inch, it makes the ideal setting for our Nudie flock of sheep. They are run in a no footbath, no trim selection program, with water logging for 3-4 months of the year.

Use of this semen provides breeders with the opportunity to use a shedding sire that will maintain the hardiness and doing ability of traditional maternal composites but without the need for wool-related jobs. He is genotyped on the GenomNZ 60K





The Genetic Gains SIL Bureau provides professional, friendly and efficient services.



The graph on the left shows that the genetic merit of the average maternal breed animal on SIL is about \$20 higher than its genetic merit in 1995.

The graph on the right shows that the genetic merit of the average terminal sire breed animal on SIL is about \$13 more than its genetic merit in 1995.

Do you have objective measurements or Key Performance Indicators to show the genetic improvement of your flock to your ram buying clients?

"SIL/nProve is a tool for sheep breeders and their ram clients

 an essential tool for breeders wishing to take the sheep industry into the future with confidence.
 But it is only a tool – good stockmanship is also paramount".

www.genetic-gains.co.nz Julia@genetic-gains.co.nz www.facebook.com/ai4ewe

0274 320 285

ROMNEY Kikitangeo D316/16 (SIL ID 151.D316/16)

0	WNER				PEDI	GREE				
Gordon Levet 5129 Kaipara Coast R D 2 Wellsford 0972				Kikitan	geo G197/14		Kikitangeo	K815/1	2	
Bred By:							Kikitangeo .1212	M685/ ⁻	12	
Gordon Levett			Kikitangeo D316/16							
							Kikitangeo	1080/0	8	
				Kikitan .22113	geo X377/11 3					
							Kikitangeo .22211	M346/()4	
S	IL INFORMAT	ION]						
	Index	gBV								
NZMW+W+M(\$) DPCR (\$) DPS (\$) DPG (\$) DPA (\$) DPW (\$) DPM(\$) DPF (\$)	20.96 2.30 9.43 12.24 -5.71 -0.44 3.15 12.37									
WWTgBV (kg)		†2.0 6	6							
No. progeny on SIL SIL data from NZGE	831 42336 24 Janua	ary 2025								
					NZHM MW+	Top 64%	Top 67%	11		Ø.
The percentile table on the right is from nProve Commercial currently reporting data from NZGE on 29 November 20					4			<i>ф</i> л л		
currentiy reporti	ng data trom NZ	.GE ON 29	9 November 20	JZ4.	3953.K3 Lammerlaw	2009/02/02/02/04		Sire	151.G1	97/14

BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

Kikitangeo D316/16 ranked in the top 22% of all maternal sires on nProve (December 2023) for Survival and his progeny have excellent resistance to worms. Many of his sons have been used in NZ Romney studs. One son did extremely well in the Canterbury sale and fetched top price of \$7,200 at the Gore Stud Ram Fair that year. **Breeding Objectives:** to breed a stud flock of Romneys where the vast majority are totally resistant to the highest challenges of all worm species including the deadly Haemonchus, often referred to as the Barbers Pole Worm. **Environment:** damp, humid sub-tropical conditions north of Auckland where diseases, external and internal parasites are dominant.

In the current worrying environment where drench resistant worms are rife this may be an excellent opportunity for breeders to gain genetic resistance to worms in a single cross.



ROMNEY Kikitangeo G197/14 (SIL ID 151.G197/14)

0	WNER		PEDIGREE	
Gordon Levet 5129 Kaipara Coast R D 2 Wellsford 0972	Highway		Kikitangeo K815/12	Kikitangeo G323/09
Bred By:				Kikitangeo M615/09 .22211
Gordon Levett		Kikitangeo G197/14		
				Kikitangeo 1080/08
			Kikitangeo M685/12 .1212	
				Kikitangeo B106/10
S	SIL INFORMA	ΓΙΟΝ		
	Index	gBV		
NZMW+W+M(\$) DPCR (\$) DPS (\$) DPG (\$) DPA (\$) DPW (\$) DPM(\$) DPF (\$)	12.64 0.38 7.89 4.26 0.49 0.15 -0.52 13.72			
WWTgBV (kg)		† 0.96		
No. progeny on SIL SIL data from NZGE	954 42336 24 Jani	uary 2025		

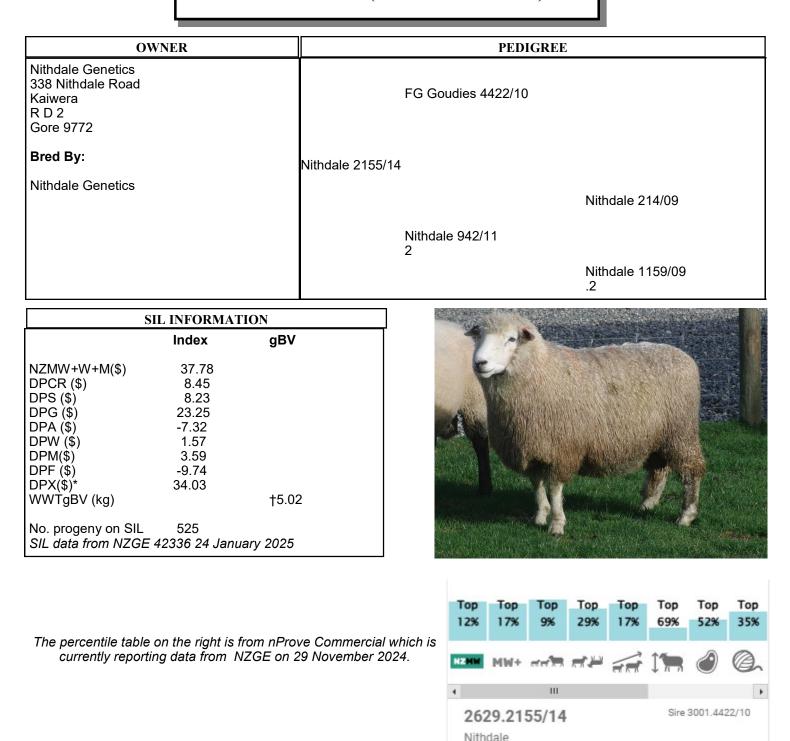
BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

Kikitangeo G197/14 was bred in a flock that for 34 years prioritized breeding for a strong immunity to health challenges. G197/14's progeny had an excellent resistance to facial eczema compared to others within the flock, and also had a favourable response in WormFEC. Many of his sons have been used in NZ Romney studs. **Breeding Objectives:** to breed a stud flock of Romneys where the vast majority are totally resistant to the highest challenges of all worm species including the deadly Haemonchus, often referred to as the Barbers Pole Worm. **Environment:** damp, humid sub-tropical conditions north of Auckland where diseases, external and internal parasites are dominant.

In the current worrying environment where facial eczema is advancing south this may be an excellent opportunity for breeders to gain genetic resistance to facial eczema in a single cross.



ROMNEY CROSS Nithdale 2155/14 (SIL ID 2629.2155/14)



BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

Nithdale 2155/14 was facial eczema (FE) tested with 0.5mg/kg Sporodesmin with no liver damage. He is 78% Romney and 22% Texel.

*He was used in the ARDG Makino flock where 5 progeny were FE tested, and his sire is from a flock which has done extensive testing.

Breeding Objectives: Nithdale's goal is to breed dual purpose sheep resistant to internal parasites with high productive traits.

Environment: Nithdale Genetics is located on rolling country in Eastern Southland.

Use of semen from this ram allows NZ breeders to use a high performing Romney with high tolerance to facial eczema.



ROMNEY CROSS Nithdale 1173/19 (SIL ID 2629.1173/19)

OWNER			PEDIGREE									
Nithdale Genetics 338 Nithdale Road Kaiwera R D 2 Gore 9772				Nithdal	e 899/′	17			ndale 2 ndale 4	155/14		
								222		97/14		
Bred By:			Nithdale 1173	/19								
Nithdale Genetics								Nith	ndale 8	85/15		
				Nithdal 121	e 323/′	16						
								Nith .212		442/11		
SIL	INFORMA	ΓΙΟΝ]								
	Index	gBV										
NZMW+W+M(\$) DPCR (\$) DPS (\$) DPG (\$) DPA (\$) DPW (\$) DPM(\$) DPF (\$) DPD (\$) WWTgBV (kg)	48.29 6.66 15.86 27.05 -8.41 1.23 -8.95 2.52 0.00 389	†5.65	5									
SIL data from NZGE 42	2336 24 Jan	uary 2025										
The nercentile table of	the right is	from oProv	ve Commercia	l which is	Top 2%	Top 3%	Top 24%	Top 2%	Top 6%	Top 70%	Тор 33%	Top 52%
The percentile table on the right is from nProve Commercial currently reporting data from NZGE on 29 November 20				2024.		PIN T		6-71 -	A R	Ĵ 'n ,	\bigcirc	Ch
					1	00.11	III 72/40			Sin	2620 8	•
					2629.1173/19 Nithdale				Sire 2629.899/17			

BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

Nithdale 1173/19 was used in the Low Input CPT in 2021.

Breeding Objectives: Nithdale's goal is to breed dual purpose sheep resistant to internal parasites with high productive traits.

Environment: Nithdale Genetics is located on rolling country in Eastern Southland.

Use of semen from this ram allows NZ breeders to use a high performing Romney with high tolerance to facial eczema.



Earnscleugh Artificial Breeding (AB) Centre

We collect, store, market and distribute ram semen.





He's worth big money so make him pay his way. Your elite ram can cover 2000 ewes per season



through our AB Centre, but only 200 ewes naturally.



- · Gain: Genetic insurance; if your elite ram dies you still have his genes
- Gain: Increased connectedness and fair comparisons with other flocks
- Gain: Increased elite ram to ewe ratio
- · Gain: Faster flock improvement for you and you ram clients
- Gain: Profit from semen sales nationally and internationally
- Gain: Free advertising in our establish Ram Semen Catalogue

0274 320 285 / Julia@genetic-gains.co.nz / www.genetic-gains.co.nz www.facebook.com/ai4ewe

854 Earnscleugh Road, RD1 Alexandra

Texel Maple 9284/19 (SIL ID 3095.9284/19)

	OWNER			PEDIGREE	
Don Edgecombe 54 Quartz Drive Rolleston				Vorn AAA150 Vorn VJV1700873	08227
Bred by: Don Edgecombe			Maple 9284/19	Vorn VJV150	0727
				Brandes Burt	on 24/13
				Maple 684/16 .212	
				The Burn 62/ 222212	09
	SIL INFORMA	TION			
	Index	gBV		THE NEW ZEALAND AGRICULTURAL SHOW SUPREME CHAMPION TE UTHENEW ZEALAND AGRICULTURAL SHOW	XEL
NZTW (\$)	23.01				
TSG (\$) TSM(\$) TSS(\$)	13.69 9.19 0.14				
WWTgBV (kg)		6.36			11/20

SIL data from analysis NZGE6 42336 24 January 2025

101

No. progeny on SIL

The percentile table on the right is from nProve Commercial which is currently reporting data from NZGE on 29 November 2024.



BREEDING OBJECTIVES OF SOURCE STUD AND COMMENTS

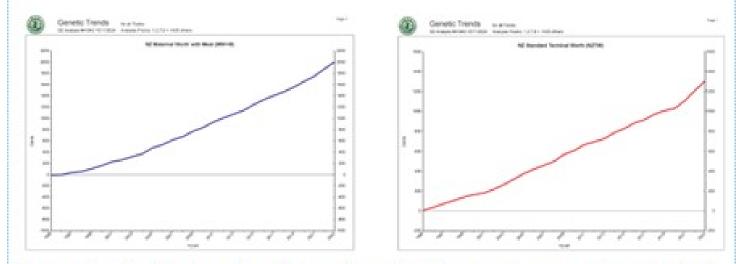
Maple 9284/19 was sired by A Vorn UK ram whose progeny are showing excellent growth rates and muscling. His dam has received numerous Show awards and has reared twins with 100 day weaning weights of 51 and 46.5kg in 2020. Maple 9284/19 has a very quiet temperament which he has passed on to his progeny. He is an easy lambing sire with excellent conformation. He was the Supreme Champion Texel and the Christchurch Show in 2022 and is the full brother to the Supreme Champion at the Ellesmere and Christchurch Shows 2021. The brother has been sold for export to Peru. **Breeding Objectives:** Maple selects for Growth and easy care with good Survival. **Environment:** The Maple stud is located on the Canterbury Plains.

Use of semen from this ram provides breeders with the opportunity to use a Texel sire with UK genetics, excellent growth and muscling and easy lambing.





The Genetic Gains SIL Bureau provides professional, friendly and efficient services.



The graph on the left shows that the genetic merit of the average maternal breed animal on SIL is about \$20 higher than its genetic merit in 1995.

The graph on the right shows that the genetic merit of the average terminal sire breed animal on SIL is about \$13 more than its genetic merit in 1995.

Do you have objective measurements or Key Performance Indicators to show the genetic improvement of your flock to your ram buying clients?

"SIL/nProve is a tool for sheep breeders and their ram clients

 an essential tool for breeders wishing to take the sheep industry into the future with confidence.
 But it is only a tool – good stockmanship is also paramount".

www.genetic-gains.co.nz Julia@genetic-gains.co.nz www.facebook.com/ai4ewe

0274 320 285

PRICE LIST

Breed & ID	CPT, No. straws	Price per Straw
Beltex Rangiatea 9147/19		45.00
Coopworth Tamlet 312/17	2021 Hub	40.00
Dorper Maple 20207/20 Winton White 644/22 Winton White 673/22		30.00 35.00 35.00
FERTMAX Composite Shedder Gleneagles 210552 Gleneagles 210482	only 19 straws left!	50.00 50.00
Nudie Gleneagles 200031		50.00
Romney Kikitangeo G197/14 Kikitangeo D316/16		30.00 30.00
Romney Cross Nithdale 2155/14 Nithdale 1173/19	2021 Low Input	40.00 40.00
Texel Maple 9284/19*		30.00

East Friesian

East Friesian straws from the Silver Sheep Stud (not SIL recorded) are available on request.

NB

Freight within the South Island is \$30. Freight to the North Island varies. Dispatch is \$60.00, liquid nitrogen for dispatch is \$150.00 per tank unless dry shipper is used. Tank hire varies. All prices are exclusive of GST. *These straws are at another AB Centre. Other dispatch and freight charges may apply.