

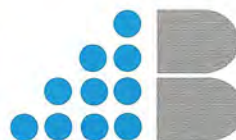


**CPT**<sup>®</sup> *Central Progeny Test*

# ASHLEY DENE/WOODLANDS RESULTS 2003/2004



*In conjunction with:*



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### KEY:

Sites: A = Ashley Dene  
W = Woodlands

02/03 = Season

EMA Eye Muscle Area

FEC Faecal Egg Count

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## **PROJECT OUTLINE**

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The Alliance Central Progeny Test (CPT) was established in 2001 with the aim of determining the genetic links between various breeds and sheep strains to allow valid comparisons to be made of individual ram performance.

In addition to last years trial at AgResearch Woodlands, the Lincoln University Ashley Dene property has been included in this years trial.

This year the focus of the CPT has been on meat evaluation with an emphasis on dual purpose sires. Results from the two cycles and the two sites can be compared through the use of link sires across years and sites. A total of 52 sires have now been evaluated. These sires are all well linked sires in the industry which will allow producers to choose rams on the basis of their performance rather than choosing a breed and then selecting from a breeder within that breed.

Results from the trial are presented as indices and breeding values (BV) as follows ;

<b><u>Indices</u></b>	<b><u>Individual BVs</u></b>
<ul style="list-style-type: none"><li>▪ Days to kill index</li><li>▪ Meat value index</li><li>▪ Overall net value index</li></ul>	<ul style="list-style-type: none"><li>▪ Dressing percentage</li><li>▪ Meat colour</li><li>▪ pH</li><li>▪ EMA</li><li>▪ FEC</li></ul>

The Central Progeny Test is led by a group consisting of Alliance Group Ltd, AgResearch, Lincoln University, On-Farm Research, Abacus Biotech Ltd and Sheep Improvement Ltd (SIL).

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## CPT FARM COMPARISONS

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### ASHLEY DENE

#### Year 1 (2003 – 2004)

- First mating carried out at Lincoln University Ashley Dene Pastoral Systems Research Farm
- Thirteen sires 7 terminal and 6 maternal from twelve different breeds were selected for use

#### Mating

- Each sire allocated 60 ewes for natural mating and 50 ewes for A.I mating based on age, live weight and condition score
- All ewes Coopworth breed – total of 707 ewes
- All ewes were synchronized using CIDRs prior to mating
- 5 sires were mated using A.I
- 8 sires were mated using natural mating (rams with ewes for 10 days)

#### Lambing

- Immediately prior to and during lambing single bearing ewes were separated from twin and triplet bearing ewes and were set stocked at 10 ewes per hectare for multiple bearing ewes and 12 ewes per hectare for single bearing ewes.
- No mothering on was conducted

#### Docking

- Lambs vaccinated for Pulpy Kidney and Tetanus
- Male lambs kept entire
- Following tailing all ewes and lambs mobbed together

#### Mid Lactation

- All lambs weighed at 7 weeks of age
- Estimation made as to the number of lambs that would reach target slaughter weight at weaning

### WOODLANDS

#### Year 2 (2003 – 2004)

- Second mating carried out at the AgResearch Woodlands Farm
- 9 terminal and 16 maternal sires (10 different breeds plus 5 composites) selected by the various breed societies or breeders

#### Mating

- Each sire randomly allocated 30 mixed aged ewes (total of 750 ewes) Mainly Coopworth ewes and some ¼ East Friesian X Coopworth
- All ewes both natural mated and AI were synchronised using CIDRs
- 6 rams were used naturally (rams with ewes for 1 week)
- 19 rams were mated using AI

#### Lambing

- Lambed ewes were mobbed to achieve 6 groups of around 80 ewes per grazing group; all sires were represented in each group
- Smallest triplet was mothered onto a single bearing ewe

#### Docking

- Lambs vaccinated for scabby mouth, and injected with B12 smartshot
- All male lambs made into crypts
- Liveweight recorded on all lambs at birth and docking. Lamb grazing group recorded

#### Mid Lactation

- All lambs weighed and drenched (short acting drench) on 4 November

## ASHLEY DENE

### Animal Health

- Ewes drenched pre mating with oral anthelmintic plus selenium
- Ewes vaccinated pre lamb with combination 6 in 1 vaccine and drench
- Lambs remaining post weaning draft drenched with oral anthelmintic

### Weaning

- 9 December 2003
- All lambs ultra-sound scanned for EMD, EMW & EMA
- Weaning drench (Ivomec) administered to all remaining lambs post weaning draft
- All remaining lambs FEC sampled 6 January 2004

### Drafting

- Lambs drafted at minimum 36kg live weight (slaughtered 11<sup>th</sup> December 2003)
- 2<sup>nd</sup> slaughter at 38.3kg minimum live weight (slaughtered 7<sup>th</sup> January 2004)
- 3<sup>rd</sup> slaughter at 40.5kg minimum live weight (slaughtered 29<sup>th</sup> January 2004)
- Final slaughter (26<sup>th</sup> February 2004) - all remaining lambs sent avg LW 39.3kg
- Visual score based on hindleg, loin and GR

## WOODLANDS

### Animal Health

- Ewes vaccinated with 5 in 1, Toxovax, Campylovexin, and Salvexin-B
- Selcote-ultra prills on all paddocks
- Drenched with a preventative oral parasite drench at docking
- Drenched with Potassium iodide pre mating and pre lambing
- Ewes with triplets were run separately from scanning to lambing and were fed barley at 300 g/ewe/day for 4 weeks pre-lamb

### Weaning

- 15<sup>th</sup> December 2003
- WormFec sample on up to 16 lambs per sire on the 18<sup>th</sup> Dec
- Dag score recorded
- Lambs remaining after each draft were given an anthelmintic and iodine drench

### Drafting

- 1st draft, 16<sup>th</sup> Dec 03, 271 lambs above 33.8 kgs L/W fasted. Average carcass weight 17.4
- 2<sup>nd</sup> draft, 13<sup>th</sup> Jan 04, 239 lambs above 34.8 kgs fasted. Average carcass weight 17.5
- Final slaughter 10<sup>th</sup> Feb 04, 205 remaining lambs. Average carcass weight 18.2

### Surplus ewe lambs from maternal sires

- 69 ewe lambs surplus to the slaughter requirement were randomly selected at weaning and retained to form part of the maternal traits evaluation starting mating 2004. These ewe lambs will be hogget mated and were 55 kg L/W on the 23<sup>rd</sup> April 04

# DAYS TO KILL

\* Average index value is \$0

\* Average days to kill 129

## Terminal

ID	Flock	Breed	Progeny	Sites	Days to Kill (\$)	Rank
51/00	Trackly	Dorset Down	24	W02	\$2.76	1
X0050/87	Sheep Pac	Oxford	31	W03	\$2.75	2
*128/97	Punchbowl	Suffolk	38	W03	\$2.66	3
S419/96	Punchbowl	Suffolk	13	W02	\$2.40	4
35/01	Glengary	Poll Dorset	39	A03 W03	\$2.30	5
41/00	Tasvic Downs	Southdown	46	W02	\$2.14	6
4012/99	Bilberry Oak	Hampshire	51	W02 W03	\$2.10	7
767/99	Darenal	Dorset Down	14	A03	\$1.74	8
U33/97	Mornish	Suffolk	17	W02	\$1.65	9
211/98	Kurralea	Poll Dorset	28	W02	\$1.46	10
911/99	Murray Downs	Texel	31	W03	\$1.15	11
400/00	Brandesburton	Texel	24	W02	\$0.90	12
125/98	Pohiwi	South Suffolk	30	W02	\$0.85	13
T369/02	Wharetoa	Composite	30	A03	\$0.73	14
T533/01	Wharetoa	Composite	57	W02 W03	\$0.66	15

**Range: -\$2.53 - \$2.76**

## Dual Purpose

ID	Flock	Breed	Progeny	Sites	Days to Kill (\$)	Rank
232/01	Hiwinui	Romney	20	W03	\$1.98	1
531/98	Wharetoa	Coopworth	29	W03	\$0.67	2
781/00	Twin Farm	Romney	30	W03	\$0.49	3
2135/99	Rosedale	Growbulk	31	W03	\$0.18	4
426/99	Mt Guardian	Perendale	22	W03	\$0.17	5
34/01	Twin Farm	Tefrom	32	W03	\$0.06	6
5093/99	Meadowslea	Romney	22	A03	-\$0.03	7
1127/95	Awareka	Romney	21	W03	-\$0.37	8
97/02	Raywell	Borderdale	17	A03	-\$0.41	9
2165/97	Wairere	Romney	54	W02 W03	-\$0.45	10

**Range: -\$2.63 - \$1.98**

**Overall Range: - \$2.63 - \$2.76**

# MEAT VALUE

\* Average is an 18kg Y grade carcass valued at \$55/kg

## Terminal

ID	Flock	Breed	Progeny	Sites	Meat Value (\$)	Rank
154/99	Ivadene	Poll Dorset	29	W02	\$58.50	1
106/99	Ohio	Poll Dorset	46	W02	\$58.17	2
21/01	Broken Hut	Texel	33	A03	\$57.27	3
XA2/99	The Burn	Texel	23	W02	\$57.00	4
5258/01	Mt Linton	Texel	30	W03	\$56.63	5
299/00	Waikite	Texel	59	W02 W03	\$56.34	6
400/00	Brandesburton	Texel	24	W02	\$56.33	7
767/99	Darenal	Dorset Down	14	A03	\$56.06	8
T369/02	Wharetoa	Composite	30	A03	\$56.02	9
211/98	Kurralea	Poll Dorset	28	W02	\$55.83	10
35/01	Glengary	Poll Dorset	39	A03 W03	\$55.73	11
77/95	Douglas Downs	Dorset Horn	35	W02	\$55.58	12
4012/99	Bilberry Oak	Hampshire	51	W02 W03	\$55.45	13
L140/00	Turnberry	Composite	33	W02	\$55.22	14
X0050/87	Sheep Pac	Oxford	31	W03	\$55.21	15

**Range: \$52.24 - \$58.50**

## Dual Purpose

ID	Flock	Breed	Progeny	Sites	Meat Value (\$)	Rank
781/00	Twin Farm	Romney	30	W03	\$56.44	1
138/01	Edale	Growbulk	38	A03	\$56.01	2
34/01	Twin Farm	Tefrom	32	W03	\$55.88	3
531/98	Wharetoa	Coopworth	29	W03	\$55.47	4
1127/95	Awareka	Romney	21	W03	\$55.45	5
11/01	Little River	Cheviot	64	A03 W03	\$55.21	6
107/97	Strathblane	Corridale	15	A03	\$55.19	7
232/01	Hiwinui	Romney	20	W03	\$55.04	8
132/01	Kelso	Composite	32	W03	\$54.75	9
97/02	Raywell	Borderdale	17	A03	\$54.61	10

**Range: \$52.79 - \$56.44**

**Overall Range: \$52.24 - \$58.50**

# MEAT & GROWTH INDEX

\* Average is an 18kg Y grade carcase valued at \$55/kg

## Terminal

ID	Flock	Breed	Progeny	Sites	Meat & Growth	Rank
106/99	Ohio	Poll Dorset	46	W02	\$58.10	1
35/01	Glengary	Poll Dorset	39	A03 W03	\$58.03	2
X0050/87	Sheep Pac	Oxford	31	W03	\$57.97	3
767/99	Darenal	Dorset Down	14	A03	\$57.81	4
*128/97	Punchbowl	Suffolk	38	W03	\$57.64	5
4012/99	Bilberry Oak	Hampshire	51	W02 W03	\$57.55	6
211/98	Kurralea	Poll Dorset	28	W02	\$57.29	7
21/01	Broken Hut	Texel	33	A03	\$57.25	8
400/00	Brandesburton	Texel	24	W02	\$57.24	9
51/00	Trackly	Dorset Down	24	W02	\$56.99	10
154/99	Ivadene	Poll Dorset	29	W02	\$56.80	11
T369/02	Wharetoa	Composite	30	A03	\$56.76	12
S419/96	Punchbowl	Suffolk	13	W02	\$56.57	13
41/00	Tasvic Downs	Southdown	46	W02	\$56.24	14
77/95	Douglas Downs	Dorset Horn	35	W02	\$56.19	15

**Range: \$52.78 - \$58.10**

## Dual Purpose

ID	Flock	Breed	Progeny	Sites	Meat & Growth	Rank
232/01	Hiwinui	Romney	20	W03	\$57.02	1
781/00	Twin Farm	Romney	30	W03	\$56.94	2
531/98	Wharetoa	Coopworth	29	W03	\$56.14	3
34/01	Twin Farm	Tefrom	32	W03	\$55.94	4
1127/95	Awareka	Romney	21	W03	\$55.08	5
97/02	Raywell	Borderdale	17	A03	\$54.20	6
138/01	Edale	Growbulk	38	A03	\$53.85	7
426/99	Mt Guardian	Perendale	22	W03	\$53.70	8
107/97	Strathblane	Corridale	15	A03	\$53.44	9
435/98	Kelso	Composite	32	W02	\$53.25	10

**Range: \$51.51 - \$57.02**

**Overall Range: \$51.51 - \$58.10**



# EMA

\* Average EMA is 12cm<sup>2</sup>

## Terminal

ID	Flock	Breed	Progeny	Sites	EMA	Rank
299/00	Waikite	Texel	59	W02 W03	15.33	1
106/99	Ohio	Poll Dorset	46	W02	14.08	2
21/01	Broken Hut	Texel	33	A03	13.89	3
XA2/99	The Burn	Texel	23	W02	13.33	4
*128/97	Punchbowl	Suffolk	38	W03	13.25	5
T533/01	Wharetoa	Composite	57	W02 W03	13.25	6
77/95	Douglas Downs	Dorset Horn	35	W02	12.95	7
211/98	Kurralea	Poll Dorset	28	W02	12.93	8
154/99	Ivadene	Poll Dorset	29	W02	12.86	9
911/99	Murray Downs	Texel	31	W03	12.82	10
400/00	Brandesburton	Texel	24	W02	12.78	11
767/99	Darenal	Dorset Down	14	A03	12.75	12
165/00	Torresdale	Suffolk	30	W02	12.58	13
T369/02	Wharetoa	Composite	30	A03	12.58	14
C57/99	Charleston	Southdown	22	W02	12.37	15

**Range: 10.62 - 15.33**

## Dual Purpose

ID	Flock	Breed	Progeny	Sites	EMA	Rank
138/01	Edale	Growbulk	38	A03	12.93	1
107/97	Strathblane	Corridale	15	A03	12.64	2
1127/95	Awareka	Romney	21	W03	12.38	3
11/01	Little River	Cheviot	64	A03 W03	12.18	4
426/99	Mt Guardian	Perendale	22	W03	12.15	5
850/00	Hillcrest	Perendale	30	W03	12.01	6
435/98	Kelso	Composite	32	W02	11.92	7
781/00	Twin Farm	Romney	30	W03	11.74	8
664/98	ARDG Elite	Romney	16	W03	11.68	9
531/98	Wharetoa	Coopworth	29	W03	11.65	10

**Range: 10.30 – 12.93**

**Overall Range: 10.30 – 15.33**

# DRESSING PERCENTAGE

*\* Average dressing percentage is 45%*

## Terminal

ID	Flock	Breed	Progeny	Sites	Dressing %	Rank
299/00	Waikite	Texel	59	W02 W03	48	1
911/99	Murray Downs	Texel	31	W03	47	2
XA2/99	The Burn	Texel	23	W02	47	3
400/00	Brandesburton	Texel	24	W02	46	4
26/00	Lincoln	Dorset Down	33	A03	46	5
226/00	Logan	South Suffolk	31	A03	46	6
929/00	Craig-Annat	South Suffolk	21	W02	46	7
5258/01	Mt Linton	Texel	30	W03	46	8
T533/01	Wharetoa	Composite	57	W02 W03	46	9
35/01	Glengary	Poll Dorset	39	A03 W03	46	10
211/98	Kurralea	Poll Dorset	28	W02	46	11
106/99	Ohio	Poll Dorset	46	W02	45	12
T369/02	Wharetoa	Composite	30	A03	45	13
120/00	Glendhu	Dorset Down	34	W03	45	14
165/00	Torresdale	Suffolk	30	W02	45	15

**Range: 44 – 48**

## Dual Purpose

ID	Flock	Breed	Progeny	Sites	Dressing %	Rank
132/01	Kelso	Composite	32	W03	47	1
11/01	Little River	Cheviot	64	A03 W03	47	2
426/99	Mt Guardian	Perendale	22	W03	46	3
850/00	Hillcrest	Perendale	30	W03	46	4
2135/99	Rosedale	Growbulk	31	W03	45	5
138/01	Edale	Growbulk	38	A03	45	6
34/01	Twin Farm	Tefrom	32	W03	45	7
706/00	Lincoln	Coopworth	55	A03 W03	45	8
664/98	ARDG Elite	Romney	16	W03	45	9
493/00	Hazeldale	Perendale	24	W03	45	10

**Range: 43 – 47**

**Overall Range: 43 – 48**

# MEAT COLOUR BV (a\*)

\* Average meat colour (a\*; higher values are redder and lower values are browner)

\* Mean = 20

## Terminal

ID	Flock	Breed	Progeny	Sites	Meat Colour	Rank
T369/02	Wharetoa	Composite	30	A03	21.09	1
41/00	Tasvic Downs	Southdown	46	W02	21.05	2
5258/01	Mt Linton	Texel	30	W03	20.94	3
C57/99	Charleston	Southdown	22	W02	20.80	4
767/99	Darenal	Dorset Down	14	A03	20.80	5
1144/99	Teviotdale	Hampshire	34	W02	20.80	6
929/00	Craig-Annat	South Suffolk	21	W02	20.55	7
21/01	Broken Hut	Texel	33	A03	20.45	8
400/00	Brandesburton	Texel	24	W02	20.37	9
U33/97	Mornish	Suffolk	17	W02	20.22	10
26/00	Lincoln	Dorset Down	33	A03	20.04	11
120/00	Glendhu	Dorset Down	34	W03	20.02	12
T533/01	Wharetoa	Composite	57	W02 W03	20.02	13
299/00	Waikite	Texel	59	W02 W03	19.94	14
226/00	Logan	South Suffolk	31	A03	19.93	15

**Range: 17.91 – 21.09**

## Dual Purpose

ID	Flock	Breed	Progeny	Sites	Meat Colour	Rank
1127/95	Awareka	Romney	21	W03	21.34	1
107/97	Strathblane	Corridale	15	A03	21.26	2
781/00	Twin Farm	Romney	30	W03	21.21	3
493/00	Hazeldale	Perendale	24	W03	20.96	4
2165/97	Wairere	Romney	54	W02 W03	20.84	5
531/98	Wharetoa	Coopworth	29	W03	20.77	6
458/01	Viewhill	Romney	29	W03	20.74	7
211/99	Blackdale	Coopworth	30	W03	20.64	8
232/01	Hiwinui	Romney	20	W03	20.51	9
664/98	ARDG Elite	Romney	16	W03	20.49	10

**Range: 18.94 – 21.34**

**Overall Range: 17.91 – 21.34**

# PH BV

\* Average pH is 5.6

## Terminal

ID	Flock	Breed	Progeny	Sites	pH	Rank
77/95	Douglas Downs	Dorset Horn	35	W02	5.54	1
T533/01	Wharetoa	Composite	57	W02 W03	5.55	2
106/99	Ohio	Poll Dorset	46	W02	5.55	3
T369/02	Wharetoa	Composite	30	A03	5.55	4
21/01	Broken Hut	Texel	33	A03	5.56	5
C57/99	Charleston	Southdown	22	W02	5.57	6
41/00	Tasvic Downs	Southdown	46	W02	5.57	7
125/98	Pohiwi	South Suffolk	30	W02	5.57	8
1144/99	Teviotdale	Hampshire	34	W02	5.58	9
26/00	Lincoln	Dorset Down	33	A03	5.58	10
226/00	Logan	South Suffolk	31	A03	5.58	11
767/99	Darenal	Dorset Down	14	A03	5.58	12
4012/99	Bilberry Oak	Hampshire	51	W02 W03	5.58	13
XA2/99	The Burn	Texel	23	W02	5.59	14
929/00	Craig-Annat	South Suffolk	21	W02	5.59	15

**Range: 5.74 – 5.54**

## Dual Purpose

ID	Flock	Breed	Progeny	Sites	pH	Rank
107/97	Strathblane	Corridale	15	A03	5.55	1
1127/95	Awareka	Romney	21	W03	5.56	2
138/01	Edale	Growbulk	38	A03	5.57	3
232/01	Hiwinui	Romney	20	W03	5.57	4
211/99	Blackdale	Coopworth	30	W03	5.58	5
664/98	ARDG Elite	Romney	16	W03	5.58	6
2165/97	Wairere	Romney	54	W02 W03	5.58	7
850/00	Hillcrest	Perendale	30	W03	5.59	8
531/98	Wharetoa	Coopworth	29	W03	5.60	9
132/01	Kelso	Composite	32	W03	5.60	10

**Range: 5.70 – 5.55**

**Overall Range: 5.74 – 5.54**

# WORMFEC BV (%)

## Terminal

ID	Flock	Breed	Progeny	Sites	WormFec	Rank
L140/00	Turnberry	Composite	33	W02	-33.79	1
X0050/87	Sheep Pac	Oxford	31	W03	-27.46	2
299/00	Waikite	Texel	59	W02 W03	-25.37	3
106/99	Ohio	Poll Dorset	46	W02	-14.56	4
767/99	Darenal	Dorset Down	14	A03	-14.09	5
XA2/99	The Burn	Texel	23	W02	-11.16	6
T533/01	Wharetoa	Composite	57	W02 W03	-7.68	7
77/95	Douglas Downs	Dorset Horn	35	W02	-6.37	8
57/99	Charleston	Southdown	22	W02	-5.13	9
125/98	Pohiwi	South Suffolk	30	W02	-4.17	10
T369/02	Wharetoa	Composite	30	A03	-3.11	11
154/99	Ivadene	Poll Dorset	29	W02	-2.58	12
911/99	Murray Downs	Texel	31	W03	-0.58	13
165/00	Torresdale	Suffolk	30	W02	0.42	14
*419/96	Punchbowl	Suffolk	13	W02	1.24	15

**Range: 64.78 - -33.79**

## Dual Purpose

ID	Flock	Breed	Progeny	Sites	WormFec	Rank
1127/95	Awareka	Romney	21	W03	-33.89	1
132/01	Kelso	Composite	32	W03	-27.38	2
664/98	ARDG Elite	Romney	16	W03	-21.95	3
706/00	Lincoln	Coopworth	55	A03 W03	-21.91	4
5093/99	Meadowslea	Romney	22	A03	-21.48	5
97/02	Raywell	Borderdale	17	A03	-17.29	6
2135/99	Rosedale	Growbulk	31	W03	-16.11	7
435/98	Kelso	Composite	32	W02	-15.49	8
850/00	Hillcrest	Perendale	30	W03	-15.03	9
2165/97	Wairere	Romney	54	W02 W03	-9.8	10

**Range: 73.92 - -33.89**

**Overall Range: 73.92 - -33.89**

# TOP 26 RAMS

ID	Owner	Breed	Progeny	Sites	Overall	Meat Value	Days to kill Index	EMA BV	Dress%	Meat Colour BV	Meat pH BV	WormFec BV
106/99	Ohio	Poll Dorset	46	W02	\$3.10	\$3.17	-\$0.07	2.08	45	-0.22	-0.047	-14.56
35/01	Glengary	Poll Dorset	39	A03 W03	\$3.03	\$0.73	\$2.30	0.34	46	-1.00	0.007	6.78
X0050/87	Sheep Pac	Oxford	31	W03	\$2.97	\$0.21	\$2.75	-0.61	45	-1.55	0.023	-27.46
767/99	Darenal	Dorset Down	14	A03	\$2.81	\$1.06	\$1.74	0.75	45	0.80	-0.023	-14.09
*128/97	Punchbowl	Suffolk	38	W03	\$2.64	-\$0.02	\$2.66	1.25	45	-1.54	0.084	19.17
4012/99	Bilberry Oak	Hampshire	51	W02 W03	\$2.55	\$0.45	\$2.10	-0.64	45	-1.89	-0.020	64.78
211/98	Kurralea	Poll Dorset	28	W02	\$2.29	\$0.83	\$1.46	0.93	46	-0.26	0.009	4.73
21/01	Broken Hut	Texel	33	A03	\$2.25	\$2.27	-\$0.03	1.89	45	0.45	-0.044	4.24
400/00	Brandesburton	Texel	24	W02	\$2.24	\$1.33	\$0.90	0.78	46	0.37	0.031	7.03
232/01	Hiwinui	Romney	20	W03	\$2.02	\$0.04	\$1.98	-1.70	44	0.51	-0.026	-0.66
51/00	Trackly	Dorset Down	24	W02	\$1.99	-\$0.77	\$2.76	-0.85	44	-0.84	0.077	14.12
781/00	Twin Farm	Romney	30	W03	\$1.94	\$1.44	\$0.49	-0.26	43	1.21	0.003	9.56
154/99	Ivadene	Poll Dorset	29	W02	\$1.80	\$3.50	-\$1.70	0.86	45	-2.09	0.139	-2.58
T369/02	Wharetoa	Composite	30	A03	\$1.76	\$1.02	\$0.73	0.58	45	1.09	-0.046	-3.11
s419/96	Punchbowl	Suffolk	13	W02	\$1.57	-\$0.83	\$2.40	-0.89	44	-0.25	-0.012	1.24
41/00	Tasvic Downs	Southdown	46	W02	\$1.24	-\$0.90	\$2.14	-0.57	45	1.05	-0.029	4.85
77/95	Douglas Downs	Dorset Horn	35	W02	\$1.19	\$0.58	\$0.61	0.95	45	-0.60	-0.061	-6.37
531/98	Wharetoa	Coopworth	29	W03	\$1.14	\$0.47	\$0.67	-0.35	44	0.77	-0.003	44.8
u33/97	Mornish	Suffolk	17	W02	\$0.99	-\$0.67	\$1.65	-0.80	45	0.22	0.018	16.57
911/99	Murray Downs	Texel	31	W03	\$0.97	-\$0.17	\$1.15	0.82	47	-0.64	0.020	-0.58
299/00	Waikite	Texel	59	W02 W03	\$0.96	\$1.34	-\$0.38	3.33	48	-0.06	0.000	-25.37
34/01	Twin Farm	Tefrom	32	W03	\$0.94	\$0.88	\$0.06	-1.26	45	-0.14	0.002	10
T533/01	Wharetoa	Composite	57	W02 W03	\$0.87	\$0.20	\$0.66	1.25	45	0.02	-0.047	-7.68
5258/01	Mt Linton	Texel	30	W03	\$0.52	\$1.63	-\$1.11	0.04	44	0.94	-0.002	10.41
L140/00	Turnberry	Composite	33	W02	\$0.29	\$0.22	\$0.07	-0.43	45	-0.50	-0.012	-33.79
165/00	Torresdale	Suffolk	30	W02	\$0.22	\$0.16	\$0.06	0.58	45	-0.71	0.032	0.42



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## **YEAR 3**

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Mating has been completed for a third year at Woodlands and Ashley Dene properties. Again there are a mix of dual purpose and terminal sires.

The ewe progeny from the dual purpose sires will be retained to measure maternal traits.

The ewe progeny will be mated as hoggets using the top recorded sires from the previous 2 years of the CPT trials.

### **Industry Outcomes**

- Improve the across flock and across breed linkages. This will improve the analysis carried out by SIL and ultimately enable better benchmarking between flocks.
- Commercial producers will be better able to select rams on the basis of true genetic merit.
- Producers will be able to select rams on attributes which contribute most effectively to their profitability.

