



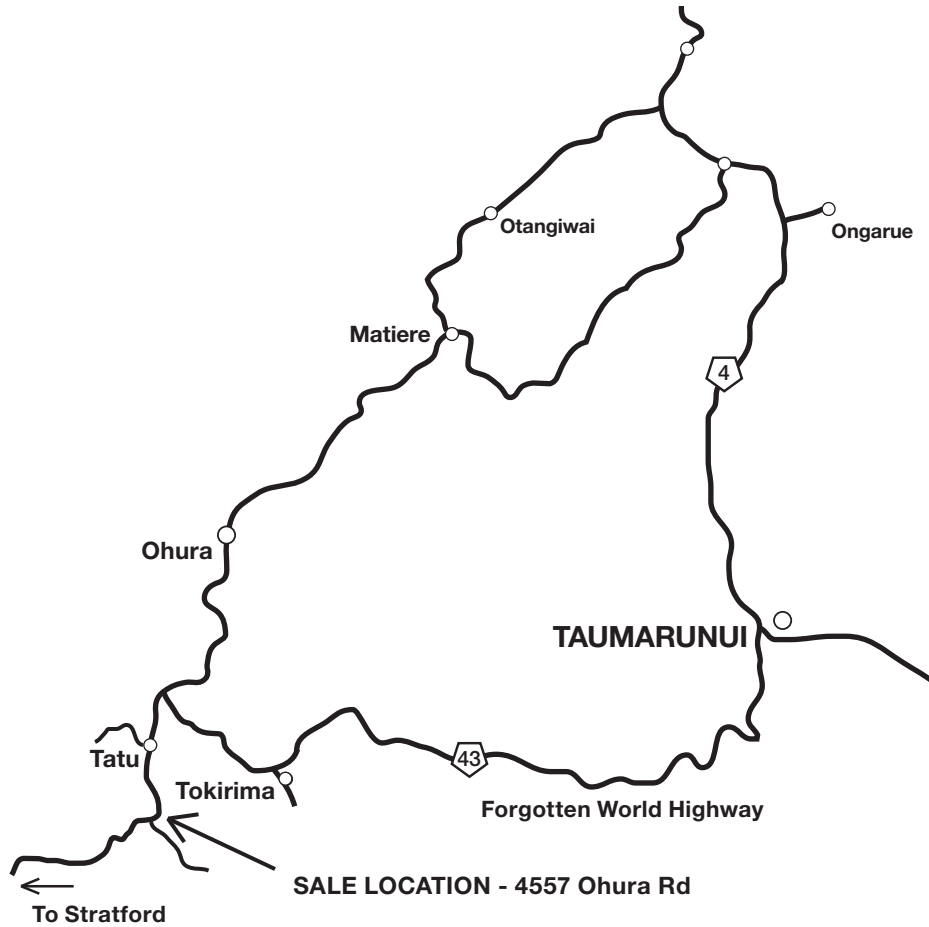
35th

Annual Ram Sale

12pm on farm, Tatu, Ohura, Thursday, 16th Nov, 2023


PAPARATA
Elite Romney

SALE LOCATION



PAPARATA ELITE ROMNEY
Thirty Fifth Annual Sale of Hill Country Rams
120 SELECTED TWO-TOOTH ROMNEY RAMS

On Account of Paparata Farms

To be held on the Tatu property on Thursday, 16th November, at 12 noon.

Welcome to the 35th annual Paparata ram sale.

We have experienced very favourable climatic conditions for farming over the last 12 months. Our 'ram sale rams' are well grown. We continue to focus on lamb growth, fertility and FE tolerance. We have added internal parasite resistance and methane emissions. There is a difference in the level of methane emissions by individual sheep so by selection it is possible to reduce total flock emissions.

Breeding stock have thrived this year with scanning rates for both cows and ewes being where we want them to be. We have just about completed docking and John Manning reports that his best paddock ratio of lambs to ewes so far has been 400 lambs to 221 ewes. This year the scanning rate over all Paparata ewes is over 180%. We are not targeting a higher rate as we have enough triplets.

We continue to use the Waimai stud as a source of new genetics. The Waimai romney and the Paparata romney are similar type of sheep. Waimai have high production statistics and most importantly for us are located in a high FE challenge area and have been FE testing at high levels for as long as any breeder. There are 23 Paparata x Waimai cross rams included in the catalogue.

There is some good news. The wool market is starting to stir. The sales rep who manages the sale of our wool told me the market was 'going off'. I think that description might be a bit strong but it seems it is possible to sell wool now.

Please take a look at our web site and phone us if you want more information.

Trevor Johnson

BREED TRAITS TARGETED REPRODUCTION

Paparata has been lambing hoggets since 2000. The experience has been very positive and it is a trait we will continue to prioritise. The onset of oestrus is a good indicator of lifetime fertility. Any hoggets retained that have scanned dry join a flock that is mated to a terminal sire. Hogget lambing has contributed to the increase in Paparata flock pregnancy rates.

Advantages are:

- Hoggets are good mothers and this continues as a 2 tooth.
- Hoggets do not lamb until October so do not compete for early spring feed.
- Growing the hoggets into 2 tooth's has not been a problem. Scanned inlamb hoggets scan higher as a 2 tooth than those that have not scanned inlamb as a hogget.
- Even with vaccination there is some aborted lamb losses to ewes lambing for the first time. Hogget lambing eliminates these losses from 2 tooth's.
- We draft lambs off their hogget mothers at the end of January.

SURVIVABILITY

Paparata ewes like most other ewes in the country now lamb on hills. Survivability has become an important selection trait.

Paparata has been using DNA technology to identify parents of recorded lambs since 2000. This has eliminated the need for a daily lambing beat to match lambs with their mothers. This has also meant the Paparata flock is lambing under commercial conditions with no shepherding. All wet dries in the Paparata recorded flock and commercial flock are culled to a flock where a terminal sire is used.

FACIAL ECZEMA TOLERANCE

'The liver damage associated with FE results in production losses that are much greater than may first appear. Even when no symptoms are visible, FE can reduce lifetime productivity by up to 25 per cent'.

'Breeding for increased tolerance to FE should be your first line of defence'.

From the Beef and Lamb resource book 'Facing Up To Facial Eczema'.

Paparata FE tolerance building programme.

In 1999 after some heavy sheep losses in the 1990's when FE turned up in the King Country, Paparata decided to lift the FE tolerance levels of the Paparata flock. To do this meant buying tested rams from studs with a history of testing at a high level.

All home bred sires used over the elite flock are tested for FE tolerance. The testing level continues to rise. Testing provides all sheep in the recorded flock with a FE production index. Sale ram indexes are provided in the catalogue. The higher the index the greater the tolerance level.

WOOL PRODUCTION

Paparata continues to weigh wool and to select for this trait. The target wool fibre diameter is 33-36 microns.

LAMB GROWTH

Last December/January was so good we were able to lift our target live weight for picking lambs to 40kgs plus. This avoided a discounted schedule rate paid for lambs killing under 16kgs. Most Paparata lambs killed this year achieved carcass weights over 16kgs. The killing sheet shown on page 6 shows the results of Romney ram lambs killed in January this year. The mothers of these lambs were joined with the ram on the 1.04.22. The growth rate of these lambs is over 300gm/day.

Paparata has been judged 'Te Kuiti Meat Processors Supplier of The Year' four times.

DNA TECHNOLOGIES

In the past information to measure production traits has come from progeny testing. The problem with progeny testing is there is a wait until lambs are born and then performance measured. In the last few years scientific research into genetics has started to provide an increasing number of tools to compliment progeny testing. Genes are made from a molecule called DNA which is copied and inherited across generations. The information in DNA is the instructions for constructing and operating a living organism. An increased knowledge of the relationship between parent and offspring DNA is seeing the development of genetic tests to identify progeny with higher production potential. With these tests there is no waiting for progeny to be tested.

DNA profiles are now held of all the Paparata recorded flock. The flock is now able to be tested for the presence of high performance genes. 'Sheep 5k' and 'Sheep 50k' are two genomic tests that Paparata is using to accelerate the generation turnover and increase productivity.

Genomic tests - Sheep 5k and 50k

Sheep 5K uses 5,000 DNA markers to generate a molecular breeding value (mBV). This mBV can be used independently or blended with an estimated breeding value (eBV) to produce a genomic breeding value (gBV). gBVs are more accurate than eBVs or mBVs.

$$eBV + mBV = gBV$$

Sheep 50K uses 50,000 DNA markers to generate mBVs. It is a more expensive and complete genetic test that ensures the value of genomics in the flock is retained and the accuracy of the 5,000 test is enhanced.

This year Paparata will be 5K testing the top 70 ram's hoggets to gain an early indication of FE tolerance. Those showing higher levels of tolerance will then be dosed with Sporidesmin. The dose rate will be higher than would have been possible if 5K had not been used. Also the gBVs gained as a result of this test will be more accurate than the eBVs.

METHANE TESTING

Methane is a greenhouse gas that has been identified by some as contributing to global warming. In NZ 80% of our methane comes from grazing livestock. It seems inevitable that farmers will be asked to reduce GHG emissions. The output of methane gas varies between sheep. It is therefore possible to reduce total sheep methane emissions by sheep selection. At Paparata we have decided to be proactive and attempt to reduce our methane emissions. We have begun testing our recorded flock for methane output.

CONDITIONS OF SALE

The sale will be conducted under the usual conditions governing auction sales held under the auspices of the King Country Stock and Station Agents' Association.

Every lot will be the purchaser's responsibility as from the fall of the hammer. The description of the stock in this catalogue shall be deemed to be correct. No error, omission or misdescription shall in any way invalidate the sale, nor be made the subject of any claims for compensation from either the vendor or the auctioneers. The vendor guarantees the rams jaws and will refund the purchase price on return of the defective ram (before he is used).

GST EXCLUSIVE

DELIVERIES

Lots may be left on the farm at the purchaser's risk until suitable transport is arranged.

INSURANCE

All purchases can be insured for transit or longer periods through the Auctioneer.

COMMISSIONS

5% Commission will be paid to non-participating companies, provided the purchasers are introduced, in writing, prior to sale day and settlement is made by that company on behalf of the purchaser.

This catalogue has been produced by the Stud Stock Division of PGG Wrightson and although every care has been taken to ensure accuracy, no responsibility is accepted for any error or omission that might be contained herein.

PGG Wrightson and NZ Farmers Livestock

BRUCellosIS

The Paparata flock is accredited Brucellosis free. All rams have been palpated and passed by a veterinarian.

SALE LOCATION

Tatu - highway 43 - 16km Stratford side of Ohura. Sale route signposted from Taumarunui. See map on the inside of the cover.

OSH

Please take note of the following potential hazards you may encounter when visiting our farm:

- stock movement
- moving vehicles and machinery, incl. inside the woolshed
- stockyards and slippery surfaces
- pavilion seating

NEED MORE INFORMATION

Please call us if you need more information
Seymour Spence 07 893 8844 / 027 8810 685
Trevor Johnson 027 2209 567
email paparatafarms@gmail.com

Lot #	Tag #	Twin or Single	Sire	Dam perf	Weight 04.01.23	Weight 08.06.23	DPO Index	Eczema DPX	Sale Price
1	1378	T	1036/17	5/3	37.0	55.5	3354	1137	
2	753	T	1036/17	6/4	38.5	58.0	3509	1066	
3	847	T	33.74/20	5/3	29.5	52.0	2879	1391	
4	1274	T	33.1227/19	4/2	32.5	49.0	2761	1336	
5	311	T	899/20	5/4	41.0	55.0	3879	1380	
6	1499	T	1036/17	9/5	32.0	53.5	3658	1044	
7	266	T	2282/16	9/5	38.0	60.5	3590	1036	
8	955	T	33.300/18	9/6	32.5	52.5	3124	1720	
9	1189	T	899/20	3/2	39.0	52.5	3588	1292	
10	805	T	1036/17	7/4	36.5	51.0	3462	1281	

Lot #	Tag #	Twin or Single	Sire	Dam perf	Weight 04.01.23	Weight 08.06.23	DPO Index	Eczema DPX	Sale Price
11	1492	T	1280/20	9/5	43.0	55.0	3415	733	
12	182	S	1036/17	6/4	40.0	60.5	3393	819	
13	232	T	1036/17	10/6	39.5	52.5	3373	977	
14	987	T	33.74/20	11/6	35.0	54.0	2697	1147	
15	1601	S	33.1099/16	4/3	44.0	54.5	2710	1503	
16	1417	TR	2088/18	7/4	35.5	50.0	3234	1369	
17	337	T	1036/17	7/4	40.0	51.0	3186	913	
18	1336	T	1036/17	5/3	37.0	54.0	3174	985	
19	59	S	33.1227/19	3/2	44.0	61.0	2706	1253	
20	1330	T	1036/17	10/5	39.0	60.5	3543	756	

Lot #	Tag #	Twin or Single	Sire	Dam perf	Weight 04.01.23	Weight 08.06.23	DPO Index	Eczema DPX	Sale Price
21	1068	T	2068/20	5/3	35.0	48.0	3083	1385	
22	615	T	744/20	8/5	36.0	55.5	3046	1122	
23	1248	T	1036/17	7/4	35.5	54.5	3040	954	
24	1496	S	2282/16	10/6	46.5	60.0	3010	1289	
25	249	T	33.300/18	6/4	31.5	43.0	2696	1344	
26	645	T	33.1227/19	4/2	37.0	57.5	2678	922	
27	911	TR	300/18	14/6	43.5	62.0	3003	723	
28	427	T	2068/20	8/4	41.0	54.5	3000	1428	
29	499	T	744/20	14/7	29.5	48.5	2995	1301	
30	174	S	33.1099/16	3/2	44.0	60.5	2620	1303	

Lot #	Tag #	Twin or Single	Sire	Dam perf	Weight 04.01.23	Weight 08.06.23	DPO Index	Eczema DPX	Sale Price
31	533	T	744/20	3/2	33.5	53.5	2985	1503	
32	429	T	1036/17	11/6	44.0	60.0	2982	1227	
33	122	S	2068/20	4/3	48.0	64.5	2975	1355	
34	844	T	33.1227/19	4/3	34.5	52.0	2573	1533	
35	1390	T	33.1227/19	4/2	32.0	49.5	2527	1385	
36	1535	S	2068/20	3/2	41.5	54.5	2902	1379	
37	1262	T	2068/20	6/4	32.0	49.5	2897	1405	
38	102	S	1900/18	9/6	45.5	57.5	2885	1652	
39	101	S	2068/20	4/3	43.5	59.0	2882	1595	
40	467	T	1280/20	3/2	40.0	53.5	2881	1379	

Lot #	Tag #	Twin or Single	Sire	Dam perf	Weight 04.01.23	Weight 08.06.23	DPO Index	Eczema DPX	Sale Price
41	1057	T	1036/17	4/3	35.5	51.5	2872	971	
42	1167	T	2068/20	6/4	31.5	50.0	2836	1337	
43	1049	T	1299/17	11/7	33.0	50.0	2810	808	
44	331	T	2068/20	6/4	37.5	51.0	2786	1335	
45	397	T	267/19	11/6	37.5	56.5	2778	1353	
46	296	T	2068/20	6/4	37.5	51.5	2754	1490	
47	721	T	1036/17	5/4	35.0	50.0	2727	1273	
48	1628	T	2088/18	8/5	33.5	54.0	2724	1400	
49	871	T	1299/17	4/3	37.5	49.5	2716	1589	
50	992	T	2088/18	5/3	35.0	54.5	2712	1283	

Lot #	Tag #	Twin or Single	Sire	Dam perf	Weight 04.01.23	Weight 08.06.23	DPO Index	Eczema DPX	Sale Price
51	1166	T	33.1099/16	4/2	32.0	45.0	2360	1793	
52	1198	T	1900/18	4/3	34.5	50.5	2693	1416	
53	1087	T	1889/17	11/6	32.0	52.5	2689	1297	
54	677	T	267/19	3/2	39.0	51.5	2670	1611	
55	1804	T	33.1099/16	3/2	36.0	46.0	2315	1691	
56	1560	S	2068/20	2/2	41.0	57.5	2667	1778	
57	453	TR	1939/20	7/3	32.0	54.0	2593	1431	
58	224	T	33.1099/16	3/2	37.0	46.5	2304	1341	
59	1751	T	33.1227/19	5/3	30.0	58.0	2273	1005	
60	1385	T	33.1227/19	4/2	29.0	55.0	2240	1449	

Lot #	Tag #	Twin or Single	Sire	Dam perf	Weight 04.01.23	Weight 08.06.23	DPO Index	Eczema DPX	Sale Price
61	1281	T	1939/20	5/3	32.5	48.0	2589	1826	
62	1744	T	2088/18	3/2	42.5	54.5	2588	1376	
63	657	T	2088/18	3/2	34.5	49.0	2551	1427	
64	305	T	1280/20	7/4	36.0	50.5	2543	1187	
65	1508	S	1299/17	8/5	43.0	60.5	2499	1342	
66	656	T	2068/20	7/4	36.0	51.0	2475	1265	
67	1345	T	1900/18	5/3	30.0	52.5	2471	1820	
68	1179	T	33.1099/16	5/3	34.5	43.0	2205	1362	
69	619	T	33.1227/19	13/7	33.5	50.0	2174	1172	
70	203	S	33.1227/19	12/7	37.5	51.5	2014	1109	

Lot #	Tag #	Twin or Single	Sire	Dam perf	Weight 04.01.23	Weight 08.06.23	DPO Index	Eczema DPX	Sale Price
71	635	T	267/19	3/2	40.0	50.5	2456	1621	
72	1234	T	265/18	3/2	29.0	47.5	2425	1625	
73	1513	S	33.1099/16	2/2	38.0	53.0	1974	1455	
74	1221	T	2068/20	5/3	33.0	49.0	2420	1074	
75	1186	T	1280/20	14/6	35.5	48.5	2405	707	
76	1539	S	1009/17	10/6	36.5	56.5	2399	1331	
77	1141	TR	2282/16	13/6	31.0	49.5	2380	923	
78	647	T	33.1099/16	4/2	35.5	53.5	1891	1603	
79	279	T	33.1099/16	10/6	29.5	46.5	1882	1354	
80	330	T	33.1099/16	6/4	29.0	44.5	1811	1327	

Lot #	Tag #	Twin or Single	Sire	Dam perf	Weight 04.01.23	Weight 08.06.23	DPO Index	Eczema DPX	Sale Price
81	1311	T	1939/20	3/2	34.5	50.0	2377	1597	
82	1750	T	1009/17	9/6	31.0	55.0	2363	1452	
83	386	T	2088/18	13/6	35.0	54.5	2360	1751	
84	1640	S	744/20	12/6	37.5	51.0	2346	1380	
85	446	T	1939/20	3/2	41.5	52.0	2322	1600	
86	346	T	1889/17	6/4	41.0	56.5	2295	1140	
87	124	S	2088/18	7/5	48.0	61.0	2277	1540	
88	958	T	1009/17	5/3	33.5	56.0	2265	1565	
89	1024	T	1939/20	5/3	31.5	52.0	2216	1489	
90	1728	T	267/19	11/6	34.0	54.5	2202	1543	

Lot #	Tag #	Twin or Single	Sire	Dam perf	Weight 04.01.23	Weight 08.06.23	DPO Index	Eczema DPX	Sale Price
91	1030	T	1009/17	6/4	34.5	51.0	2195	1506	
92	358	T	265/18	9/6	33.5	48.0	2175	1595	
93	603	T	267/19	8/5	38.0	54.5	2156	1577	
94	1258	T	2088/18	13/7	35.0	51.5	2153	1549	
95	1361	T	267/19	3/2	35.5	56.5	2150	1562	
96	387	T	265/18	5/3	36.5	53.0	2113	1586	
97	1266	T	1889/17	3/2	32.0	47.5	2068	1435	
98	553	T	267/19	7/4	34.0	48.5	2067	1396	
99	1472	TR	267/19	8/4	36.5	54.5	2058	1645	
100	145	S	1299/17	11/6	39.0	49.0	2054	1256	

Lot #	Tag #	Twin or Single	Sire	Dam perf	Weight 04.01.23	Weight 08.06.23	DPO Index	Eczema DPX	Sale Price
101	1003	T	1299/17	10/5	42.5	52.5	2049	998	
102	1360	T	267/19	8/5	31.5	49.0	2033	1485	
103	910	T	2124/20	8/5	44.5	60.0	2026	1480	
104	210	S	267/19	10/6	40.0	53.0	2008	1943	
105	596	T	1889/17	13/7	39.0	49.5	2006	1266	
106	861	T	1280/20	11/6	30.5	49.0	1967	1195	
107	1574	S	300/18	8/5	40.5	54.5	1957	1230	
108	231	T	265/18	6/4	33.5	55.5	1946	1190	
109	1191	T	2124/20	5/3	39.5	55.0	1943	1413	
110	359	T	300/18	4/2	35.5	49.5	1904	1243	

Lot #	Tag #	Twin or Single	Sire	Dam perf	Weight 04.01.23	Weight 08.06.23	DPO Index	Eczema DPX	Sale Price
111	324	T	2088/18	6/4	35.5	52.5	1847	1323	
112	48	S	1889/17	9/6	48.5	66.5	1784	1677	
113	681	T	2124/20	4/3	41.5	56.0	1749	1144	
114	1334	T	1087/19	7/4	31.5	48.0	1729	1938	
115	1733	T	267/19	3/2	28.0	49.0	1643	1661	
116	954	T	2088/18	7/4	30.0	55.5	1559	1379	
117	1446	T	1889/17	6/3	34.0	53.5	1475	1691	
118	1064	T	300/18	7/5	30.0	54.5	1323	1102	
119	510	T	265/18	6/4	30.5	46.5	1239	1527	

BUYER'S INSTRUCTION SLIP

No verbal instructions will be accepted

Name:.....

Address:.....

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Lots purchased:.....

Consign to:.....

.....

.....

Phone when trucked to:.....

Insure for following period:.....

Invoice to.....

.....

.....

Signature of buyer or agent:.....

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