

Backtrack Dairies

Week ending 30th November 2016

Backtrack Dairies

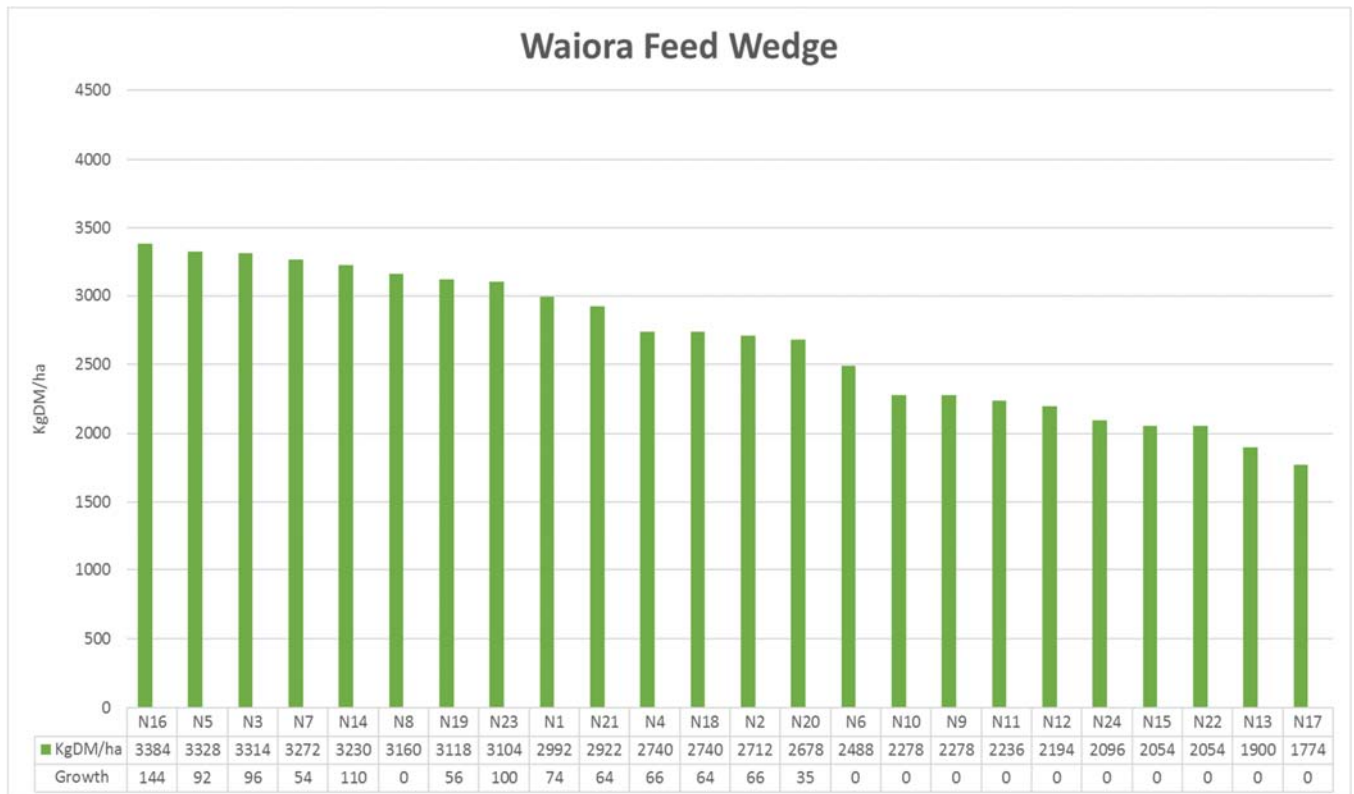
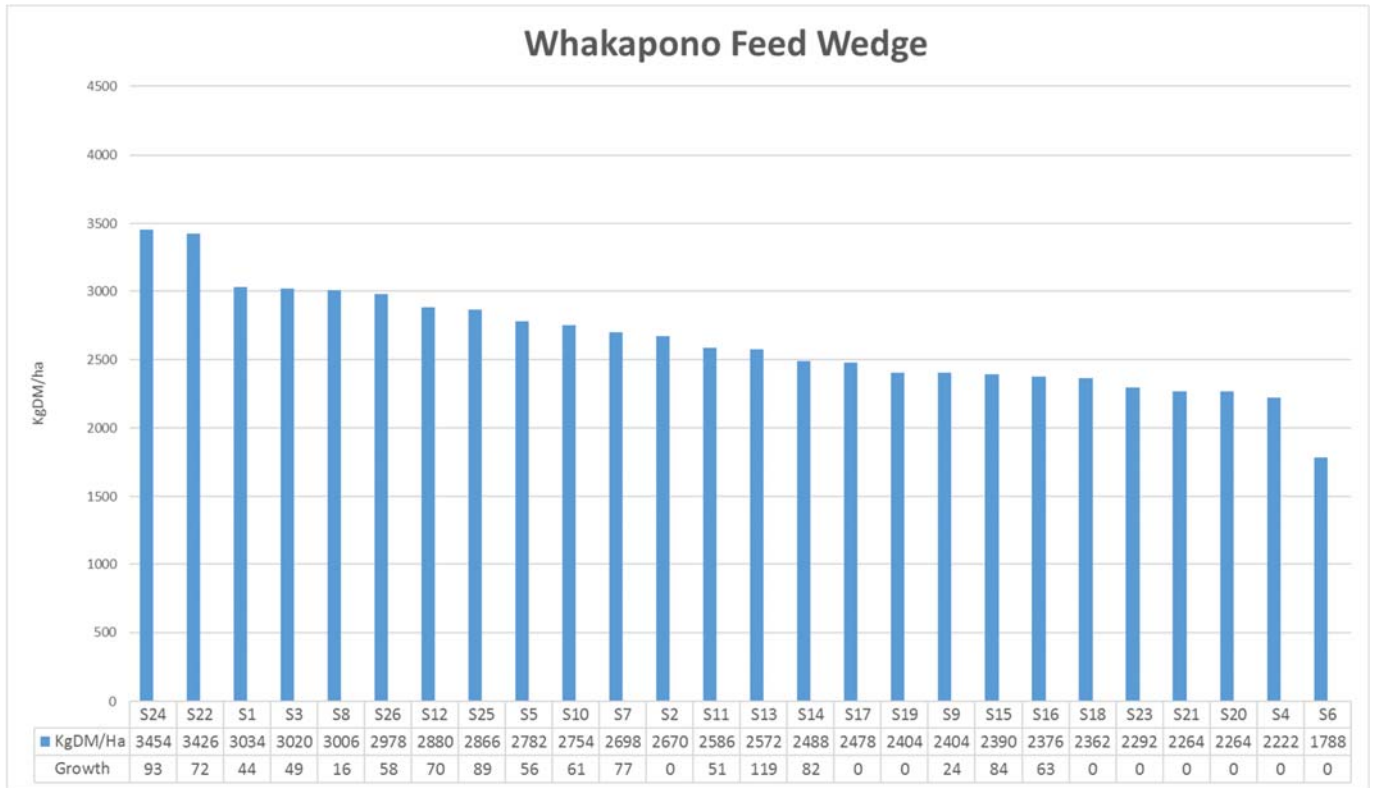
Two farming systems. One Kinsey-Albrecht (Whakapono) and one conventional (Waiora). Both farms have a stocking rate of 3.1 cows/ha at peak.

Week Ending	23/11/16		30/11/16	
	Whakapono	Waiora	Whakapono	Waiora
Backtrack Dairies				
Farm grazing ha	155	210	155	210
Peak Cows	478	647	478	647
Stocking Rate (cows in milk/ha)	3.1	3.1	3.1	3.1
Cows in Milk	484	632	485	632
% of cows in Sick Herd	0.7	1.4	1.1	1.8
Cows in Vat	481	623	480	621
Ave. Pasture Cover	2725	2690	2620	2774
Ave. Pasture Growth	70	79	65	76
Area Grazed	6.34	9.0	6.70	8.31
Grazing Interval	21	20	23	25
Pasture Intake (est kgDM/cow)	20	20	20	20
Grass Silage Fed (kgDM/cow)	0	0	0	0
Grain/PKE Fed (kgDM/cow)	1.2	1.2	1.0	1.0
Total Fed KgDM/cow	21.2	21.2	21	21
Milk Solids (Kg/cow/day)(inclu calf milk)	2.18	2.13	2.05	2.09
MS/ha/day	6.47	5.98	6.09	5.90
Nitrogen applied (kg N/ha)	0	0	0	0
Rainfall (mm for week)	33	33	5	5
Irrigation applied	0	0	19676	24264
Soil Temperature at 9am	15	14	13	14
Soil Moisture (between 65-76%)	79	86	66	77
Cell count (000's)	146	186	142	141
Mastitis Cases (%)	0.0	0.3	0.0	0.0
Lameness Cases (%)	0.2	0.8	0.2	0.9
Body Condition Score				
Totals To Date				
Milk Solids to factory	84610	110534	91222	119214
Milk Solids inclu calf milk	90160	118572	97122	127813
MS/ha	544	524	587	566
MS/cow (peak cows)(inclu calf milk)	189	183	203	198
Nitrogen applied (kg N/ha)	46	77	46	77
Supplements Fed (kg/cow)	173	179	180	185
Deaths %	0.8	2.3	0.8	2.3
Culls %	3.3	1.9	3.3	1.9

Summary

- Average pasture cover on Whakapono at the end of week November 16th was 2725kgDM/ha has dropped to 2620kgDM/ha with two paddocks (25/26) done for silage. Waiora had a cover of 2690kgDM/ha and has increased by 180 to 2774kgDM/ha with extra N really kicking in and topped paddocks coming back well.
- Growth rates on Whakapono still above demand (60) at 65 and on Waiora at 76 with cover still above ideal for this time of year with plate meter reading extremely high +400.
- More silage and pre-graze topping will need to be done to control this.
- 5 mm rain has meant irrigation been required two days this week for first time this year
- Cows milking well around 2.05 kgMS/cow on Whakapono and similar on Waiora at 2.09kgMS/cow.
- Grain/PKE down to 1.0 kg/cow.
- Pastures appear to be enough but with low DM (<15%) cows are not able to consume enough to reach their potential.
- Continued pre-graze topping the other half of paddocks of second herd on Waiora and they are cleaning up in five grazings instead of six (12 hour) so intakes have definitely increased.
- Whakapono pastures haven't needed topping at this stage but with recent wet weather some paddocks will need targeting next round.
- Calves (210) over 85 kg have left farm for grazing leaving ~ 280 calves including 40 Herefords and 20 Jersey bull calves.
- Calf milk down to 550 litres on Whakapono and 750 litres on Waiora.
- Whakapono has received another round of fertiliser containing N 17, P 2, K 12, S 12
- Whakapono total N to date 46 kg/ha.
- Waiora also received a round of 240 kg/ha DAP Sulphur Super as a maintenance dressing
- Unfortunately, I didn't read the recommendation properly thinking it was only Sulphur super and applied the other fertiliser on the recommendation which was 90 kg/ha of Sustain25 K which gives another 25 units of N on top of the 23 units of N in the DAP.
- Waiora total N to date 77 kg/ha.
- Problem with moisture meter on Whakapono with contacts into tapes needing replacement so using Waiora meter to help make irrigation decisions. This is sorted now and working well.
- Mating is going very well with Whakapono submitting 447 cows out of 490 including 6 carryovers giving 91% in first 23 days.
- Remaining 43 non-cyclers included 15 lates and all received PG. Culls (3) were not mated.
- Waiora has submitted 571 out of 648 cows including 16 carryovers giving 87% in first 23 days
- Remaining 77 non-cyclers included 43 lates all received PG. Culls (5) were not mated.
- 20 Friesian bulls have been contracted at meat values of day at minimum 500kg liveweight from local farmer, six more than last season.

Feed Wedges – 28th Nov



Animal Health

	Whakapono	Waiora
No of Mastitis Cows	0	0
No of Lamé Cows	1	6
Sick Herd %	1.1	1.8