

Backtrack Dairies

Week ending 12 October 2016

Backtrack Dairies

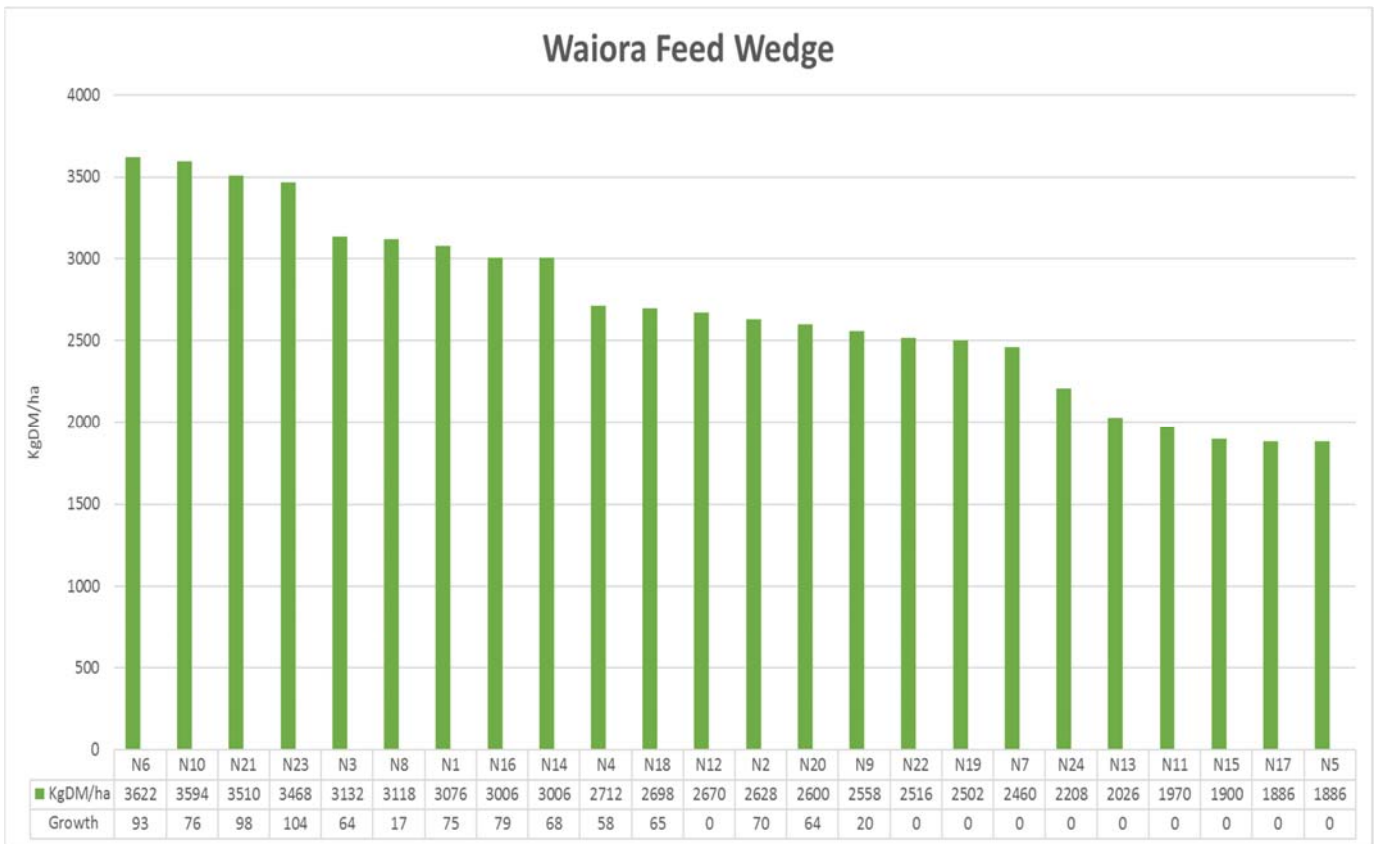
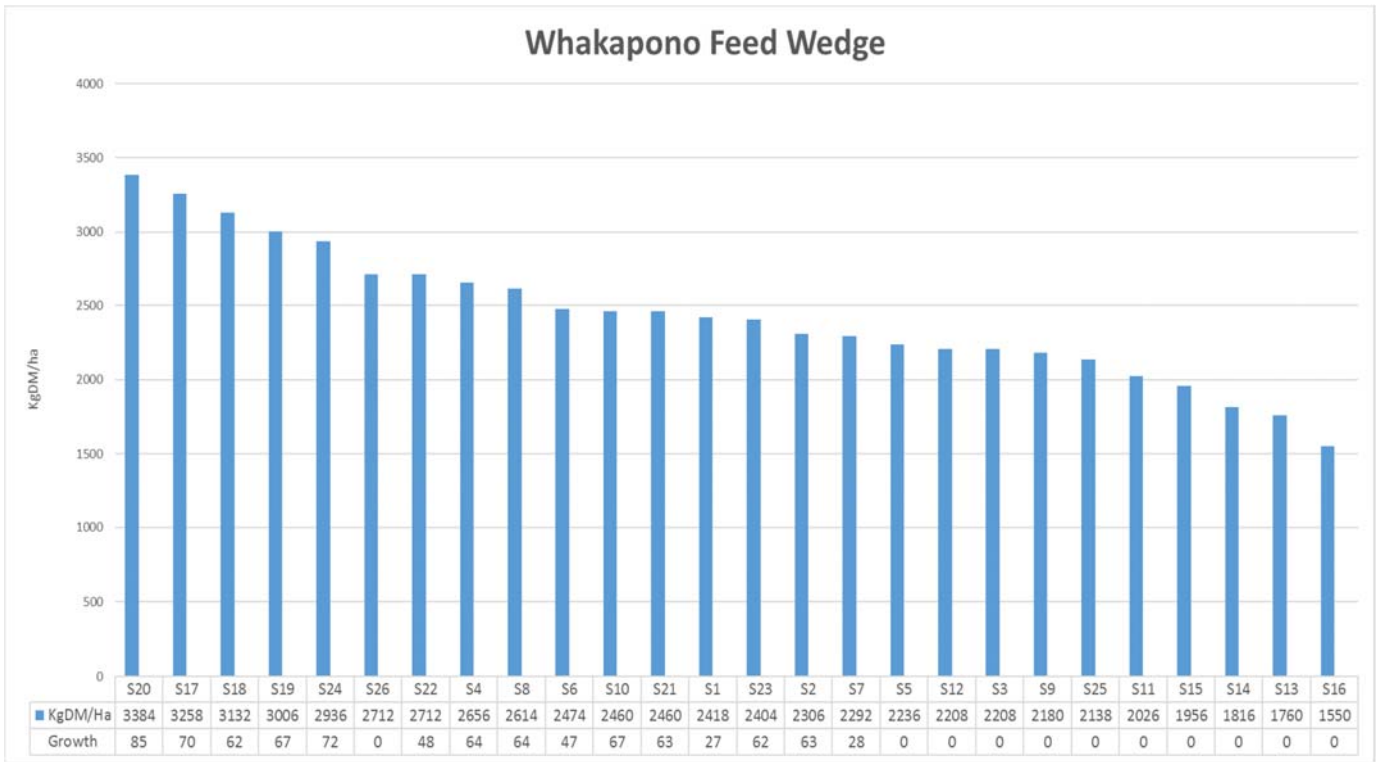
Two farming systems. One Kinsey-Albrecht (Whakapono) and one conventional (Waiora). Both farms have a stocking rate of 3.1 cows/ha at peak.

Week Ending	5/10/16		12/10/16	
Backtrack Dairies	Whakapono	Waiora	Whakapono	Waiora
Farm grazing ha	155	210	155	210
Peak Cows	478	647	478	647
Stocking Rate (cows in milk/ha)	2.9	2.8	3.0	2.9
Cows in Milk	468	618	478	631
% of cows in Sick Herd	0.7	2.0	1.0	1.3
Cows in Vat	440	562	454	592
Ave. Pasture Cover	Est.2300	Est.2500	2416	2712
Ave. Pasture Growth	70	90	59	68
Area Grazed	6.5	8.75	5.34	7.00
Grazing Interval	24	24	25	25
Pasture Intake (est kgDM/cow)	19	19	20	19
Grass Silage Fed (kgDM/cow)	0	0	0	0
Grain/PKE Fed (kgDM/cow)	1.0	1.0	1.0	1.0
Total Fed KgDM/cow	20	20	21	20
Milk Solids (Kg/cow/day)(inclu calf milk)	2.29	2.27	2.22	2.26
MS/ha/day	6.12	5.78	6.04	5.97
Nitrogen applied (kg N/ha)	26	30	26	30
Rainfall (mm for week)	9	9	11	11
Irrigation applied	0	0	0	0
Soil Temperature at 9am	13	12	12	11
Soil Moisture (between 65-76%)	67	81	57	78
Cell count (000's)	207	137	184	134
Mastitis Cases (%)	0.0	0.3	0.6	0.6
Lameness Cases (%)	0.0	0.2	0.0	0.3
Body Condition Score	4.55	4.66	4.55	4.66
Totals To Date				
Milk Solids to factory	37254	48881	43810	57661
Milk Solids inclu calf milk	38784	51099	46033	60793
MS/ha	239	231	281	273
MS/cow (peak cows)(inclu calf milk)	81	79	96	94
Nitrogen applied (kg N/ha)	24	30	24	30
Supplements Fed (kg/cow)	115	122	121	129
Deaths %	0.8	1.5	0.8	1.7
Culls %	2.7	1.7	2.7	1.7

Summary

- Average pasture cover on Whakapono at the end of week October 5th was estimated at 2300 KgDM/ha has increased to 2416 kgDM/ha so obviously growing above demand. Waiora had an estimated cover of 2500 KgDM/ha and has raced ahead to 2712 kgDM/ha. Looking to close two paddocks for silage on Waiora.
- Growth rates of 77 on Whakapono to lift cover 120 above demand (60) and 90 on Waiora to lift cover 210 above demand (60).
- Stopped feeding silage on the 30th September.
- Cow Condition Scoring was done on the 17th Sept – with Whakapono at 4.55 and Waiora at 4.66 average condition score.
- Started to open the cows up on Waiora on the 17/9/16 with the start of the second round for this herd, but the second herd didn't start the second round until 27th Sep.
- PKE and grain dropped back to 0.5 kg of each.
- 1110 cows calved with around 10 to calve so will end up 50 -60 cows short of last season's peak numbers as a result of our higher MT rate last season.
- Calvers receiving autumn saved pasture only dusted with causmag at 100 gms/cow/day.
- No lime flour or MgOxide dusted for colostrums or milkers.
- This is to see what happens on each farm in terms of metabolics which so far have Whakapono (3%) having less than half as many cases in the calvers/colostrums compared to Waiora (6%) and even less in the milkers (0%) vs (0.3%) especially on second round grass.
- Cows milking well around 2.2kgMS/cow, slightly below last seasons per cow production but we also calved a week later this season which has meant we finished feeding silage earlier.
- Calves starting to drink a lot of milk as colostrum runs out.
- 500 calves including 50 SG Herefords and bobbies on 5 litres means 2500 litres per day needed.
- Which is 1100 litres from Whakapono and 1400 litres from Waiora to calves.
- Fert to date on Whakapono has been a full spring mix tailored for each paddock containing on average N 26, P 15, K 24, S 50 with varying amounts of dolomite and lime according to amount required on the soil test
- Waiora has received 100 kg/ha of Ammo 30N following the cows which has 30N and 14 S which has had a massive response given the good growing conditions experienced over the last two weeks.
- Waiora's wedge shows the burst of extra growth requiring silage to be closed up in three paddocks totalling 26ha, which is around 12% of effective area of 210ha.
- Will have look soon at pre-graze mowing on this farm.

Feed Wedges – 10th Oct



Animal Health

	Whakapono	Waiora
Mastitis Cows	3	4
Lame Cows	0	2
Sick Herd %	1.0	1.3