

Backtrack Dairies

Week ending 1st November 2017

Backtrack Dairies

Two farming systems. One Kinsey-Albrecht (Whakapono) and one conventional (Waiora). Both farms have a stocking rate of 3.3 cows/ha at peak.

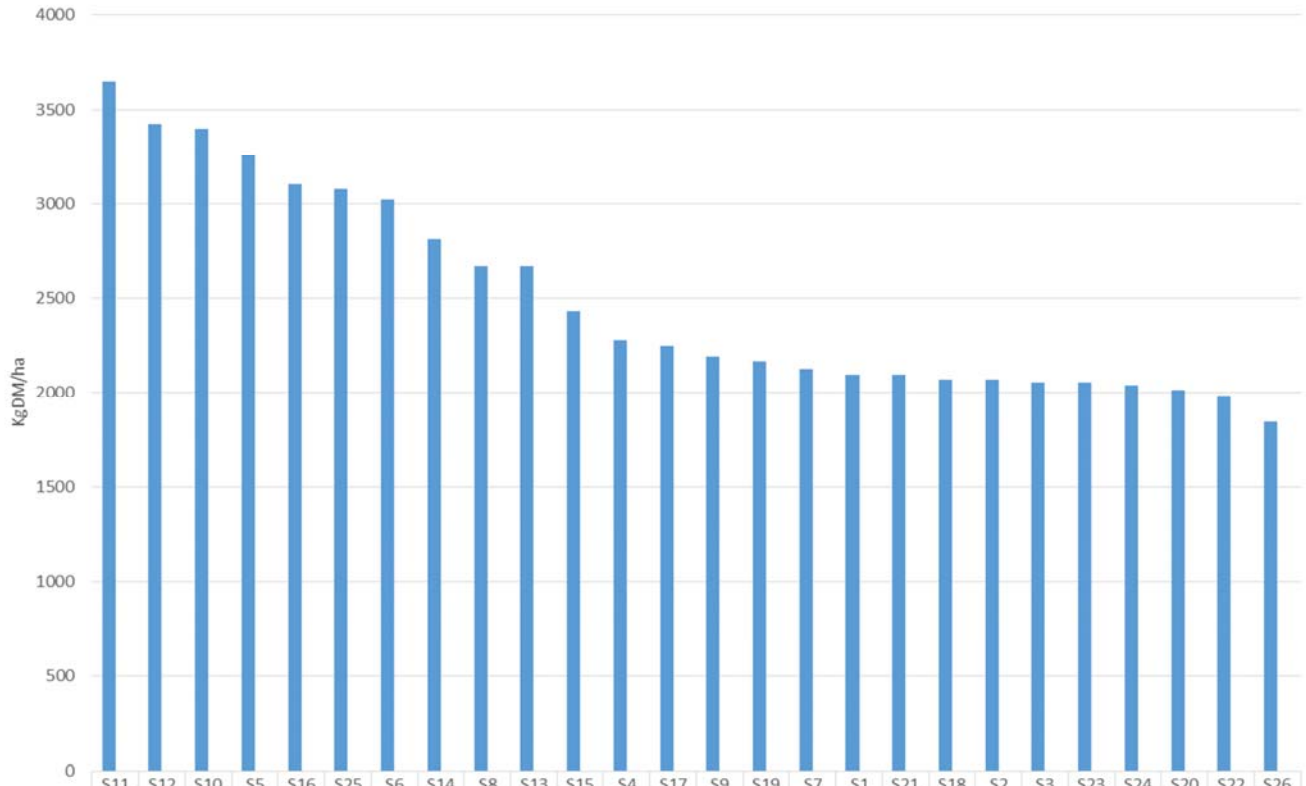
Week Ending	25/10/17		1/11/17	
	Whakapono	Waiora	Whakapono	Waiora
Backtrack Dairies				
Farm grazing ha	155	210	155	210
Peak Cows	523	697	523	697
Stocking Rate (cows in milk/ha)	3.3	3.2	3.4	3.3
Cows in Milk	519	688	523	686
% of cows in Sick Herd	1.3	1.6	1.2	1.3
Cows in Vat	510	672	517	678
Ave. Pasture Cover	2391	2332	2497	2555
Ave. Pasture Growth	66	56	80	93
Area Grazed	6.69	8.94	6.04	8.94
Grazing Interval	23	24	26	24
Pasture Intake (est kgDM/cow)	22	22	21	20
Grass Silage Fed (kgDM/cow)	0.0	0.0	0.0	0.0
Grain/PKE Fed (kgDM/cow)	1.0	1.0	1.0	1.0
Total Fed KgDM/cow	23	23	22	21
Milk Solids (Kg/cow/day)(inclu calf milk)	1.97	2.00	2.08	2.08
MS/ha/day	6.34	6.06	6.43	6.13
Nitrogen applied (kg N/ha)	13	0	10	7
Rainfall (mm for week)	0	0	8	8
Irrigation applied (mm for week)	5	0	10	
Soil Temperature at 9am	12	12	14	15
Soil Moisture (between 65-76%)	89	76	92	76
Cell count (000's)	122	124	116	128
Mastitis Cases (%)	0.6	0.4	0.2	0.1
Lameness Cases (%)	0.4	0.4	0	0.6
Body Condition Score				
Totals To Date				
Milk Solids to factory	53728	70470	60726	79525
Milk Solids inclu calf milk	56086	74718	66198	86788
MS/ha	345	334	390	377
MS/cow (peak cows)(inclu calf milk)	110	107	127	125
Nitrogen applied (kg N/ha)	49	65	59	72
Supplements Fed (kg/cow)	265	267	268	274
Deaths %	2.0	2.0	1.9	2.2
Culls %	1.2	1.3	1.1	1.3
Mastitis %	10	8	10	8
Lameness %	2	2	2	3

Summary

- Whakapono had an average pasture cover of 2391 KgDM/ha and Waiora had an average pasture cover of 2332 KgDM/ha.
- Growth rates on Whakapono have held at 66 KgDM/ha and dropped back a bit to 56 KgDM/ha on Waiora.
- Milkers getting PKE and grain in the shed.
- Milk production is at 1.97KgMS/cow on Whakapono and 2.00KgMS/cow on Waiora.
- No rain this week.
- Mating started 29th October, using kiwi cross over most cows and friesan straws over obvious jersey cows.

Feed Wedges – 31st October

Whakapono Feed Wedge



■ KgDM/Ha	3650	3426	3398	3258	3104	3076	3020	2810	2670	2670	2432	2278	2250	2194	2166	2124	2096	2096	2068	2068	2054	2054	2040	2012	1984	1844
Growth	82	110	124	14	119	93	117	112	89	107	117	0	56	54	65	7	0	68	68	0	0	79	0	51	65	0

Waiora Feed Wedge



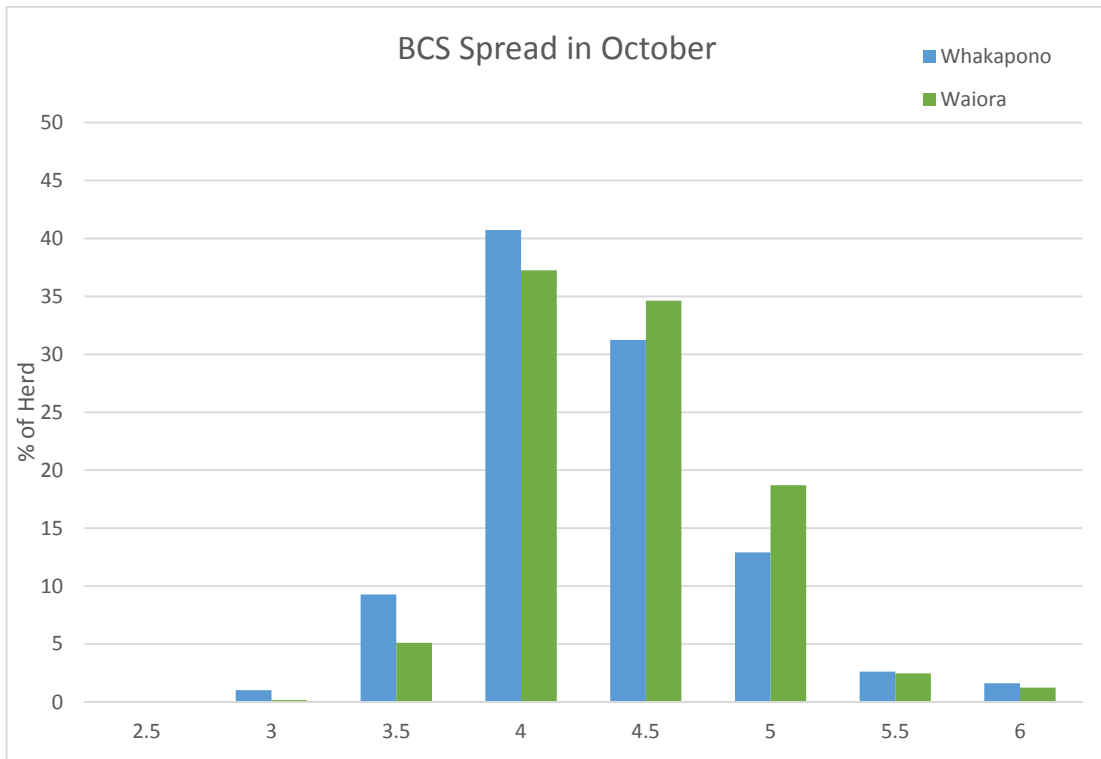
Animal Health

	Whakapono	Waiora
No of Mastitis Cows	1	1
No of Lambe Cows	0	4
Sick Herd %	1.2	1.3

Pasture Quality for this week:

	Whakapono	Waiora
DM%	19	18
Ryegrass (%DM)	83	87
Clover (%DM)	15	13
Weeds (%DM)	0	0
Herbs (%DM)	2	0

Cow Condition:



Cows were assessed at the start of October. Average condition is 4.3 on Whakapono and 4.4 on Waiora. 10% of the herd on Whakapono was below CS 4.0 and there was 5% below CS 4.0 on Waiora.