

Backtrack Dairies – Weekly Summary

Week ending Monday 16th November 2015

Backtrack Dairies

Two farming systems. One biological (Whakapono) and one conventional (Waioira).

Summary

- **Production**

Whakapono maintains a slight advantage over Waioira in per cow and per ha prod /day due to higher intakes of available pasture. Not economic to fill this difference with supplement

- **Pastures**

Cover 200kg/ha higher on Whakapono

Residuals lifting on Whakapono so could cause quality problems in next round

Two paddocks locked for silage on Whakapono to counter this and knock top off wedge.

Some topping is necessary in coming weeks on paddocks not well grazed on last round

- **Fertiliser**

Finished second round of fert with both spring recommendations including nitrogen and potassium

Waioira - Pdks >20 Olsen P received 500 kg/ha Serp super

< 20 Olsen P received 600 kg/ha Serp super

+ 20 kg Sulphur gain pure

+ 1 kg Selenium

Sustain urea 50 kg/ha (23 N)

Muriate of Potash 50 kg/ha (25 K)

Pdks > 6 will receive 100 kg/ha KCl

< 6 will receive 150 kg/ha KCl over next two months

Decided to split this application with N to prevent luxury uptake by plant and causing pasture quality and animal health problem

Spend to date \$419 incl next two rounds N+K

Should be two more rounds of Urea or SOA after this in late summer/autumn

Whakapono - a general application over whole farm as we wait for soil tests to recommend different levels of nutrient for each pdk especially Ca/Mg needed as Ca still low and Mg levels too high. Other nutrients good

DAP 75 kg/ha

SOA 25 kg/ha

KSO4 25 kg/ha

Sulphur 10 kg/ha

Sel 1kg/ha

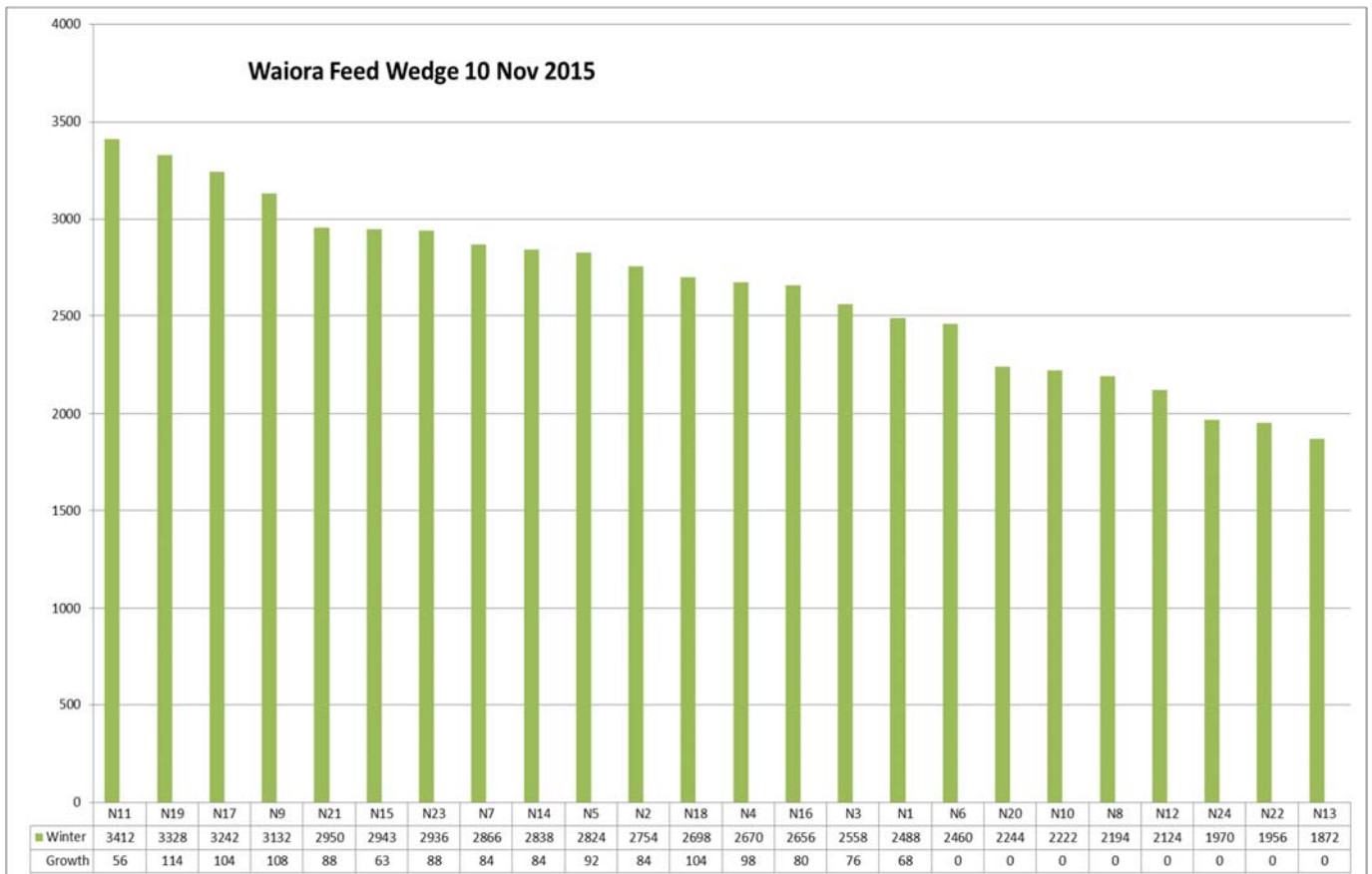
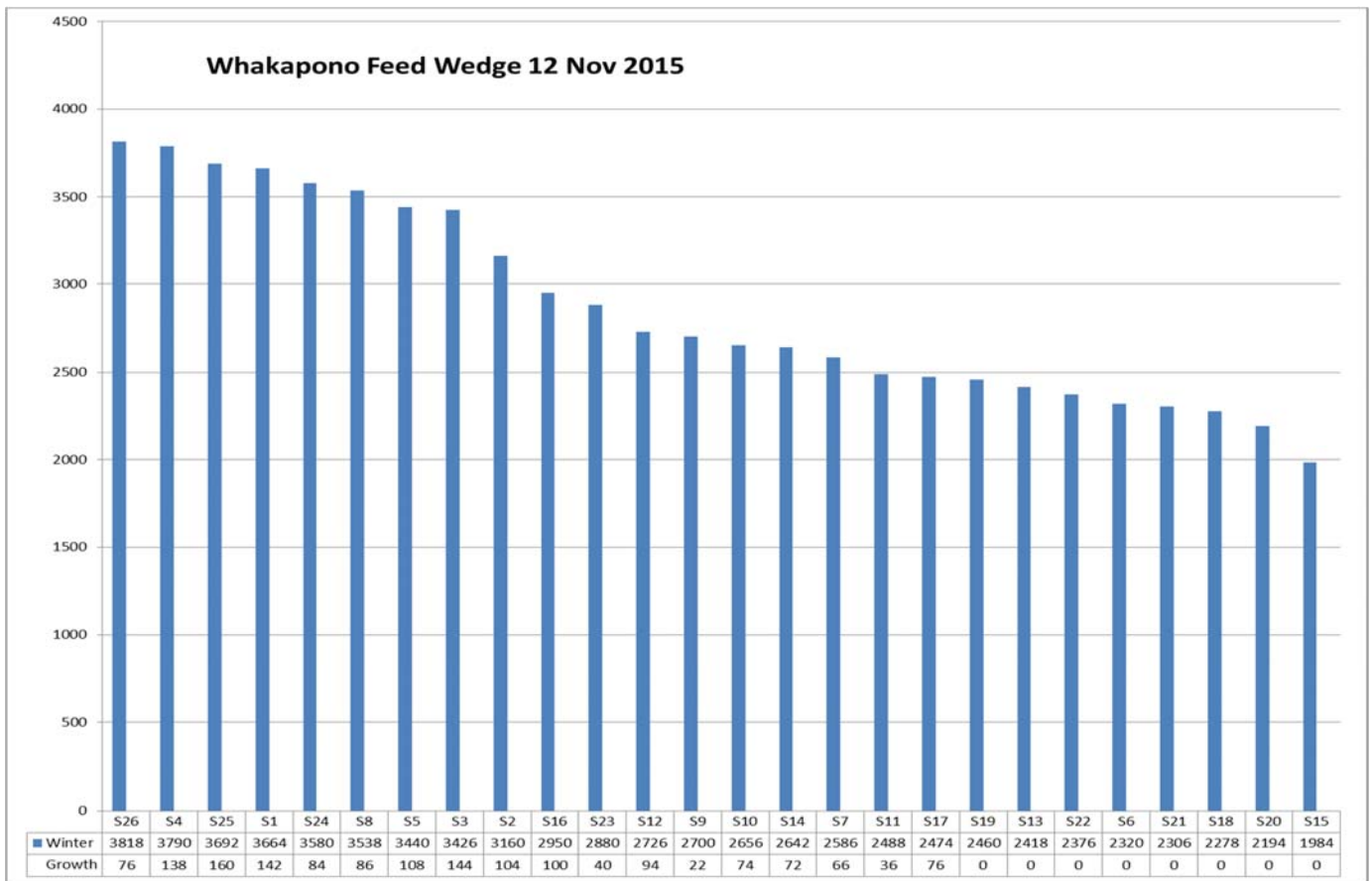
N P K S

19 15 12 10

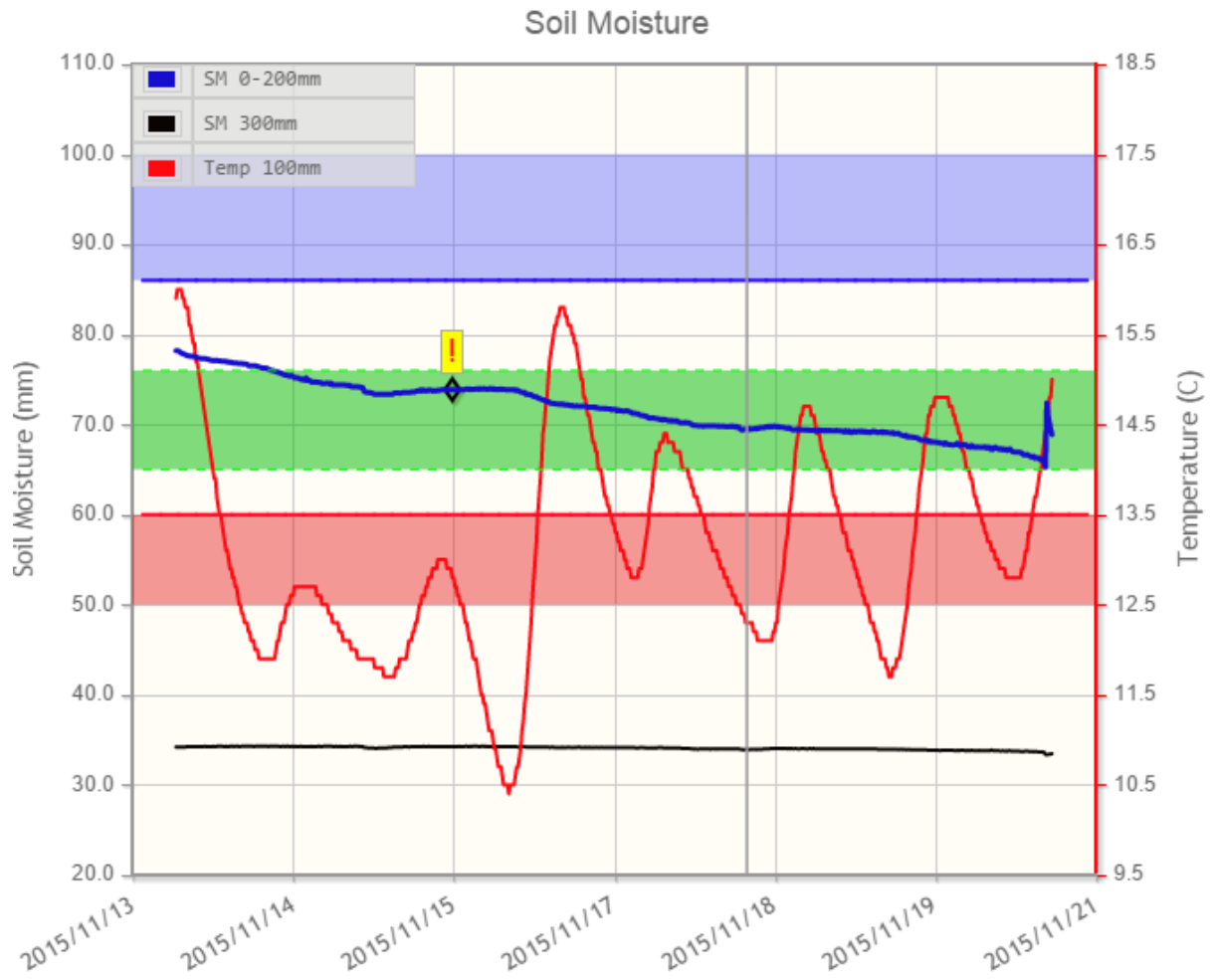
Cost \$120/ha

Backtrack Dairies	3/11/15		10/11/15	
	Whakapono	Waiora	Whakapono	Waiora
Farm grazing ha	155	210	155	210
Cows in Milk	505	688	505	686
Ave. Pasture Cover	2686	2515	2867	2639
Ave. Pasture Growth	65	69	90	87
Area Grazed	6.01	8.84	5.54	8.33
Grazing Interval	26	24	28	25
Pasture Intake (kgDM/cow)	21	18	21	19
Grass Silage Fed (kgDM/cow)	0	0	0	0
Grain/PKE Fed (kgDM/cow)	1	1	1	1
Total Fed KgDM/cow	22	19	22	20
Milk Solids (Kg/cow/day)	2.35	2.26	2.32	2.24
MS/ha/day	7.31	6.97	7.20	6.89
Nitrogen applied (kg N/ha)	0	7	0	8
Rainfall (mm for week)	6	6	15	15
Irrigation applied	17628	30274	14930	13789
Soil Temperature at 9am	13	12	14	13
Soil Moisture (between 65-76%)	64	65	67	67
Totals To Date				
Milk Solids to factory	75989	105918	83799	116042
Milk Solids inclu calf milk	78509	109887	86697	120641
MS/ha	490	505	541	554
Nitrogen applied (kg N/ha)	57	54	57	62
Supplements Fed (kg/cow)	399	436	406	443
Deaths	10	10	10	12
Culls	18	33	18	33

Feed Wedges



Waiora Soil Moisture



Whakapono Soil Moisture

