

Westland Monitor Farm Project

Weekly Update as at week ending Wednesday 25 April 2018

CO comment

Cooler growing conditions will bring a corresponding slowing in pasture growth rates. Carefully consider the urge to capture those last few kilograms of milk-solids this season. Be careful, do your homework and make sure you have the feed on hand to achieve this without compromising the farm setup for next season. Current production levels are very unlikely to meet the cost of the extra feed if it needs to be purchased to replace feed required for winter and early spring. Stretching your feed supply too thin will be at the cost of cow condition heading into winter and further forward, the spring and calving. The focus should be on setting the farm up adequately for next season.

Check your feed budget to keep you on track, whatever decision you end up making.

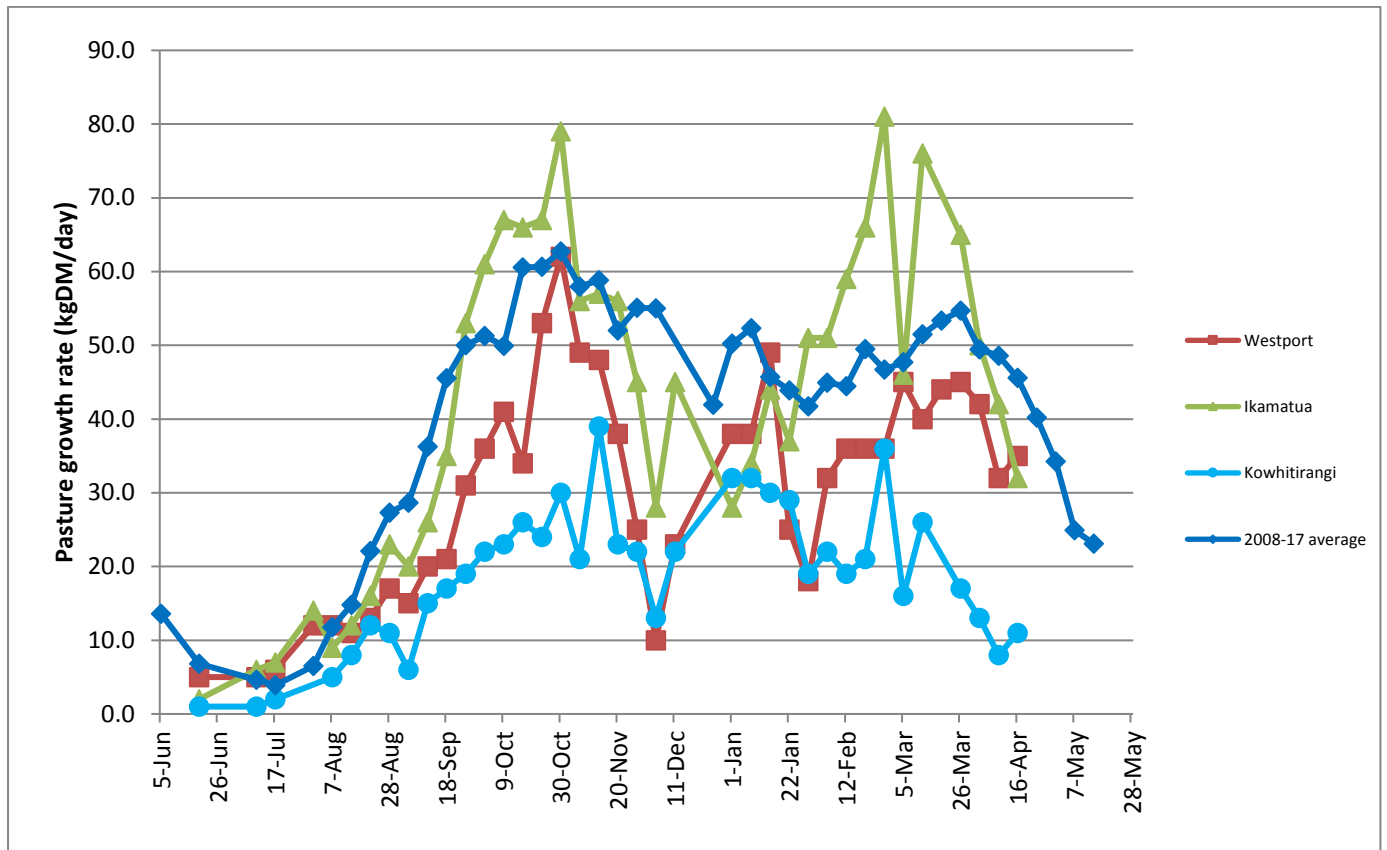
If you are deciding to milk on further to capture milk-solids then be strategic about which cows you do this with. The aim is not to compromise the condition of early calvers or cows that aren't currently hitting the mark condition wise. It is best to utilise cows that are better conditioned, later calvers if you are making the decision to milk on.

Farm Summary

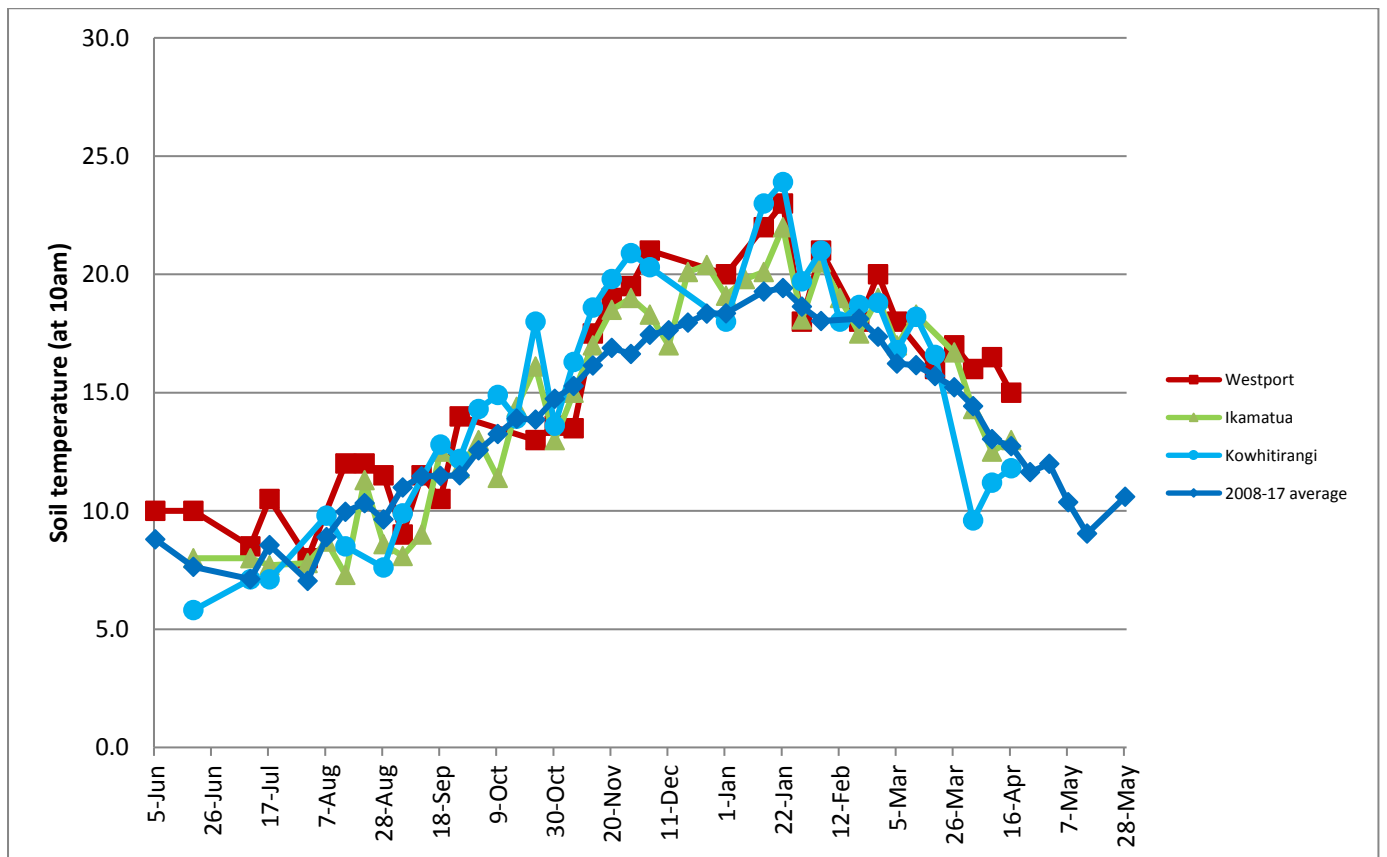
	Westport	Ikamatua	Kowhitirangi
Average cover (kg DM/ha)	2013	1908	1765
APC (18 April)	1969	2005	1788
Rotation length (days)	25	23	
Stocking rate	2.3	2.5	
Percentage in milk	79	90	
Milksolids kg/cow	1.09	1.69	
Milksolids kg/ha	2.5	3.5	
MS/cow (season to date)	356	442	
MS/ha (season to date)	1041	1190	
N (kg/ha) year to date	179	193	
Current N application rate kg N/ha	20	30	
	2 April	3 April	4 April
DM%	16.9	12.9	10.7
Pasture ME	>12.7	12.3	>12.7
Pasture NDF	45.4	44.4	39.4
Pasture CP	26.3	32.2	29.5
Target Intake (kg DM/cow/d)	18	18	
Supplement (kg/cow/day)	3	4	
Soil temperature (°C)	15	13	11.8
Growth Rate (kg DM/day)	35	32	11
Rainfall	93	35	
Conditions for farmwalk	Beautiful day	Showers and fine	Beautiful, fine and warm
Comments			

NB: pasture quality data are for 1 sample collected from each farm

Weekly Pasture Growth Rates

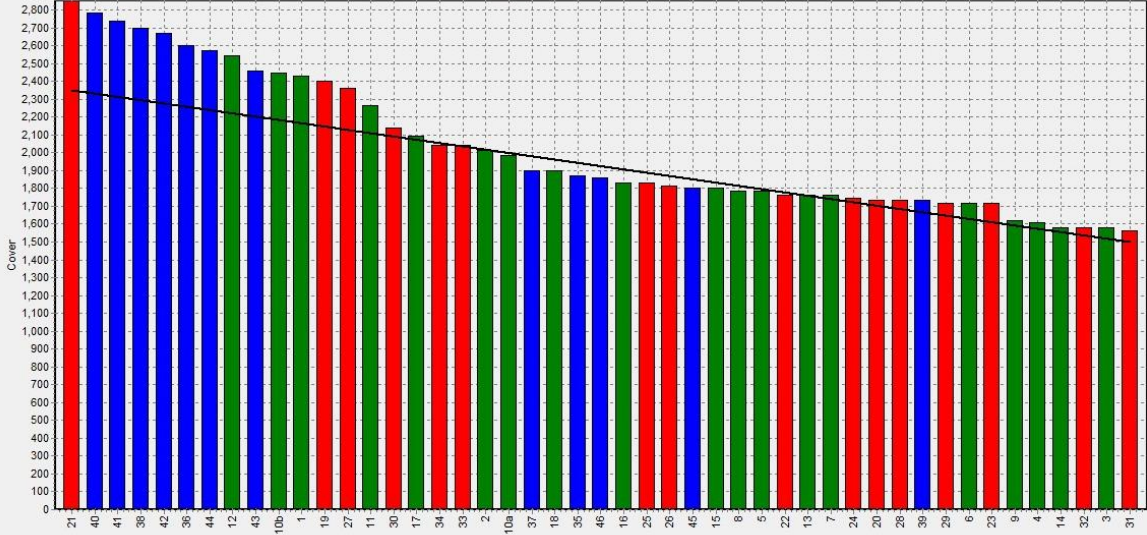


Weekly Soil Temperature



Westport

Farm Name: ADRIAN & CHERYL GALLAGHER
 Date Read : 23/04/2018
 Average Cover : 2013 Kg DM/Ha
 Average Growth : 35 Kg DM/Ha/Day

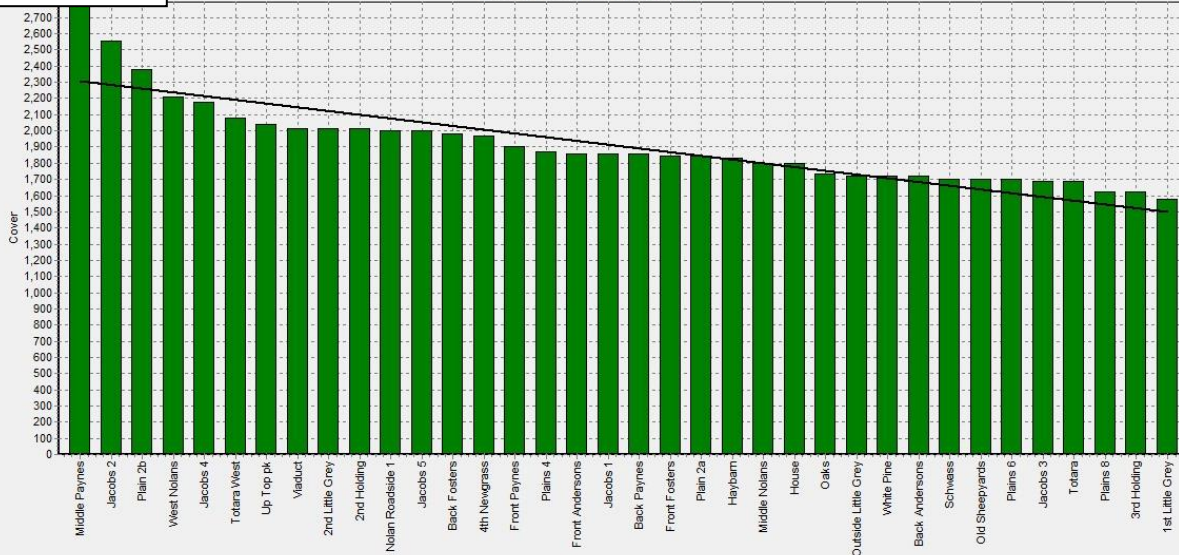


Block 1
 Block 2
 Block 3
 Grazing Window



Ikamatua

Farm Name: ANDREW NIKI MIRFIN
 Date Read : 24/04/2018
 Average Cover : 1908 Kg DM/Ha
 Average Growth : 32 Kg DM/Ha/Day

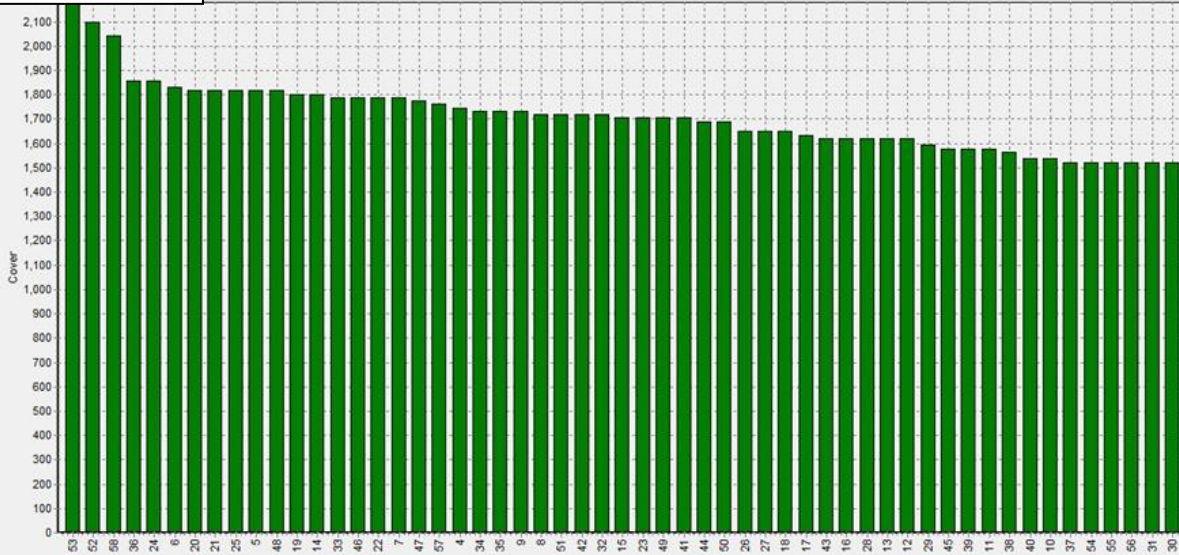


Block 1
 Grazing Window



Kowhitirangi

Farm Name: TANE & RACHEL LITTLE
 Date Read : 25/04/2018
 Average Cover : 1765 Kg DM/Ha
 Average Growth : 11 Kg DM/Ha/Day



Block 1
 Grazing Window



Westport

Description	Date	RPM	% DM	% Prot	% Lipid	% ADF	% NDF	Sol Sugar	OMD %	MJME /kg
42	5/6/2017	10.0	16.7	37.8	5.4	20.4	43.6	5.1	>85	>12.7
44	3/8/2017	14.8	20.0	27.3	5.2	22.9	46.4	8.0	84.6	12.4
4	4/9/2017	10.3	15.4	31.9	5.3	22.4	42.2	5.9	88.5	12.9
26	3/10/2017	13.8	11.8	30.1	3.8	23.7	49.8	5.5	91.2	>12.7
40	30/10/2017	11.4	13.5	26.9	10.9	40.0	6.4			11.8
3	4/12/2017	11.7	21.3	17.9	3.4	30.0	57.3	11.7	79.5	11.6
46	15/1/2018	10.7	15.6	30.6	3.2	26.8	58.1	1.1	>85	12.4
5	5/2/2018	11.3	16.3	27.3	2.7	27.7	55.3	4.5	80.6	11.8
30	5/3/2018	11.4	10.6	29.3	2.1	27.6	48.5	1.3	85	12.4
42	2/4/2018	15.7	16.9	26.3	4.2	22.7	45.4	11.4	>85	>12.7

Ikamatua

Description	Date	RPM	% DM	% Prot	% Lipid	% ADF	% NDF	Sol Sugar	OMD %	MJME/kg
Haybarn	06/06/2017	14.8	16.3	29	5.4	19.6	37.4	12.7	>85	12.7
Totara east	03/08/2017	10.3	15.7	26.9	5.1	20.2	35.8	16.7	>85	>12.7
Totara west	03/08/2017	10.9	17.4	24.4	5.1	20.8	37.2	19.9	>85	>12.7
Plain 5	03/08/2017	12.2	17.3	24.5	4.7	20.5	41.4	16.7	>85	>12.7
Viaduct	03/08/2017	13.6	16.4	22.8	4.6	21.8	37.9	21.3	>85	>12.7
Mid-Payne	03/08/2017	15.8	16.7	22.2	4.7	23.7	41	16.1	80.8	11.8
Jacobs 2	03/08/2017	10.3	16.7	27	5.5	21.1	38	13.6	>85	12.5
Front Payne	05/09/2017	8.8	15.7	25	5	26.4	41	8.6	81.1	11.8
Schwass	04/10/2017	16.4	13	29	5	21.4	44.5	10.2	90.3	>12.7
Jacobs 2	31/10/2017	16.6	16.2	26.8	10	39.7	10.6			12.6
Back Foster	05/12/2017	15.9	17.7	28.8	4.8	22.9	46.7	11.6	87.1	12.7
Old sheep yards	16/1/2018	13.0	13.2	30.1	4.5	25.6	52.7	3.1	82.4	12.0
Jacobs 4	6/2/2018	10.8	15.4	27.7	4.8	25.8	45.9	8.7	79.4	11.6
Pine	6/3/2018	14.8	11.2	33.8	3.8	22.7	49.5	4.6	90.8	>12.7
West Nolan	3/4/2018	15.3	12.9	32.2	5.7	23.8	44.4	4.5	84.2	12.3

Kowhitirangi

Description	Date	RPM	% DM	% Prot	% Lipid	% ADF	% NDF	Sol Sugar	OMD %	MJME/kg
6	7/6/2017	10.1	15	24.2	5	18.8	34.9	18.8	>85	>12.7
10	3/8/2017	10.7	17.6	21.0	4.7	25.2	44.8	15.4	80.9	11.6
21	6/9/2017	10.6	15.4	23.6	3.8	22.8	42.4	14.3	89.1	>12.7
4	5/10/2017	9.9	13.8	21.5	4.4	21.3	37.9	16.1	89.0	>12.7
2	1/11/2017	10.4	15.6	21.0	9.5	41.6	11.2			12.1
33	6/12/2017	12.3	19.1	24.6	4.2	24.3	55.1	9.2	84.9	12.4
27	17/1/2018	14.3	12.0	27.5	3.9	25.4	53.8	4.3	84.2	12.3
16	7/2/2018	13.9	14.6	24.1	3.4	25.9	47.8	6.2	81.4	11.9
52	7/3/2018	12.7	13.7	31.7	4.4	23	46.8	5.2	89.9	>12.7
20	6/4/2018	12.3	10.7	29.5	5.8	21.3	39.4	8.9	>85	>12.7