

Westland Monitor Farm Project

Weekly Update as at week ending Wednesday 21st March 2018

CO comment

We are at the stage of the season where most of the focus will be on setting up for next season. After a very challenging season with a wet winter/spring followed by adverse events over summer (dry and cyclones), feed and cow condition may not be where you would like it to be for this time of year.

Establishing a body condition score (BCS) profile for your herd is important and you can use the BCS tracker app on your smart phone to do this. <https://www.dairynz.co.nz/animal/herd-management/body-condition-scoring/bcs-tracker-app/>

Once you have the profile you can enter this information along with your planned calving date and anticipated BCS gain/month to develop a dry off plan for your herd. This will help set target dates and the expected proportion of the herd to dry off on these dates to reach your targets

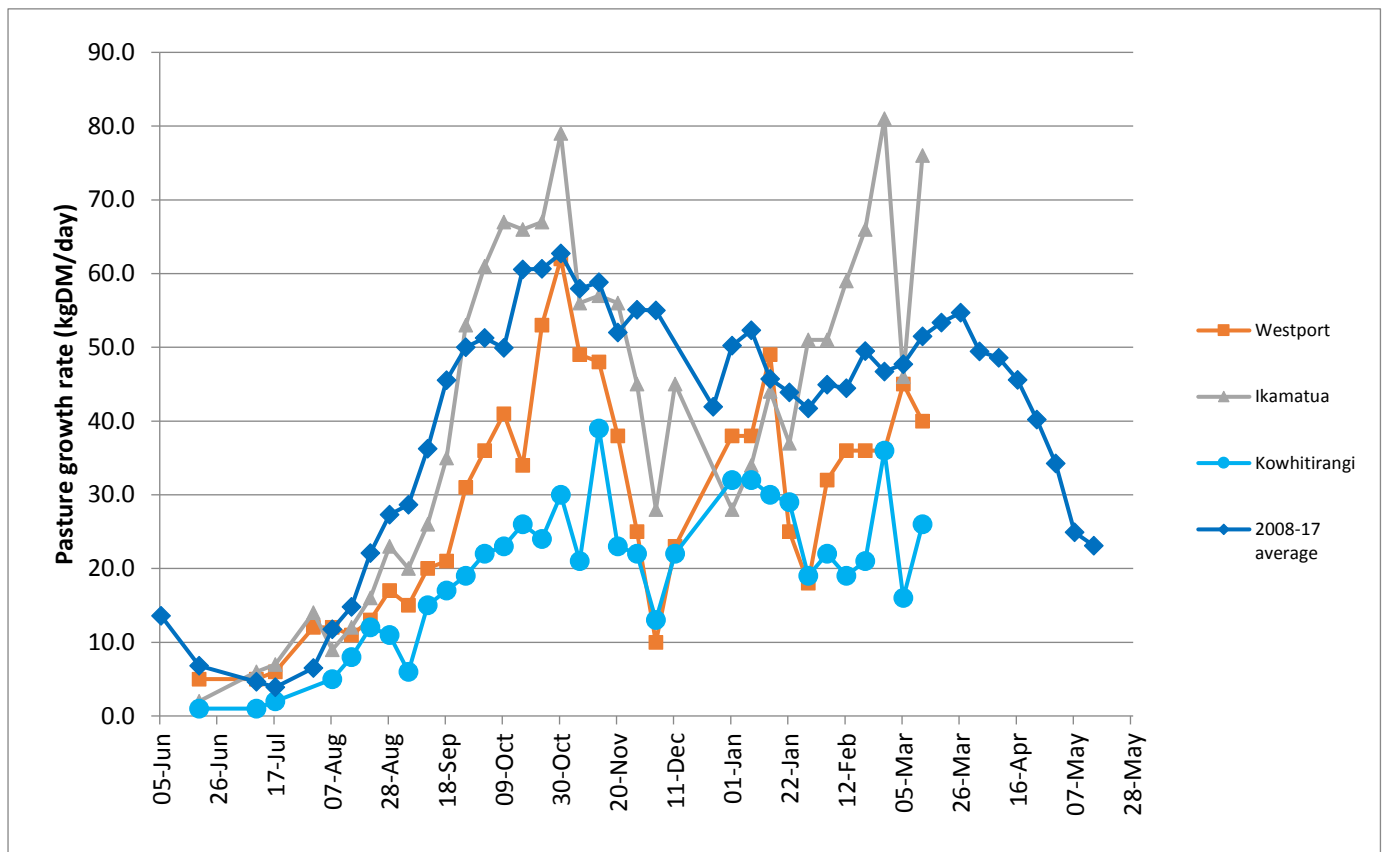
<https://www.dairynz.co.nz/animal/body-condition-scoring/bcs-strategies/> Going through this process will give you confidence to keep milking better conditioned cows and target the cows requiring early drying off.

Farm Summary

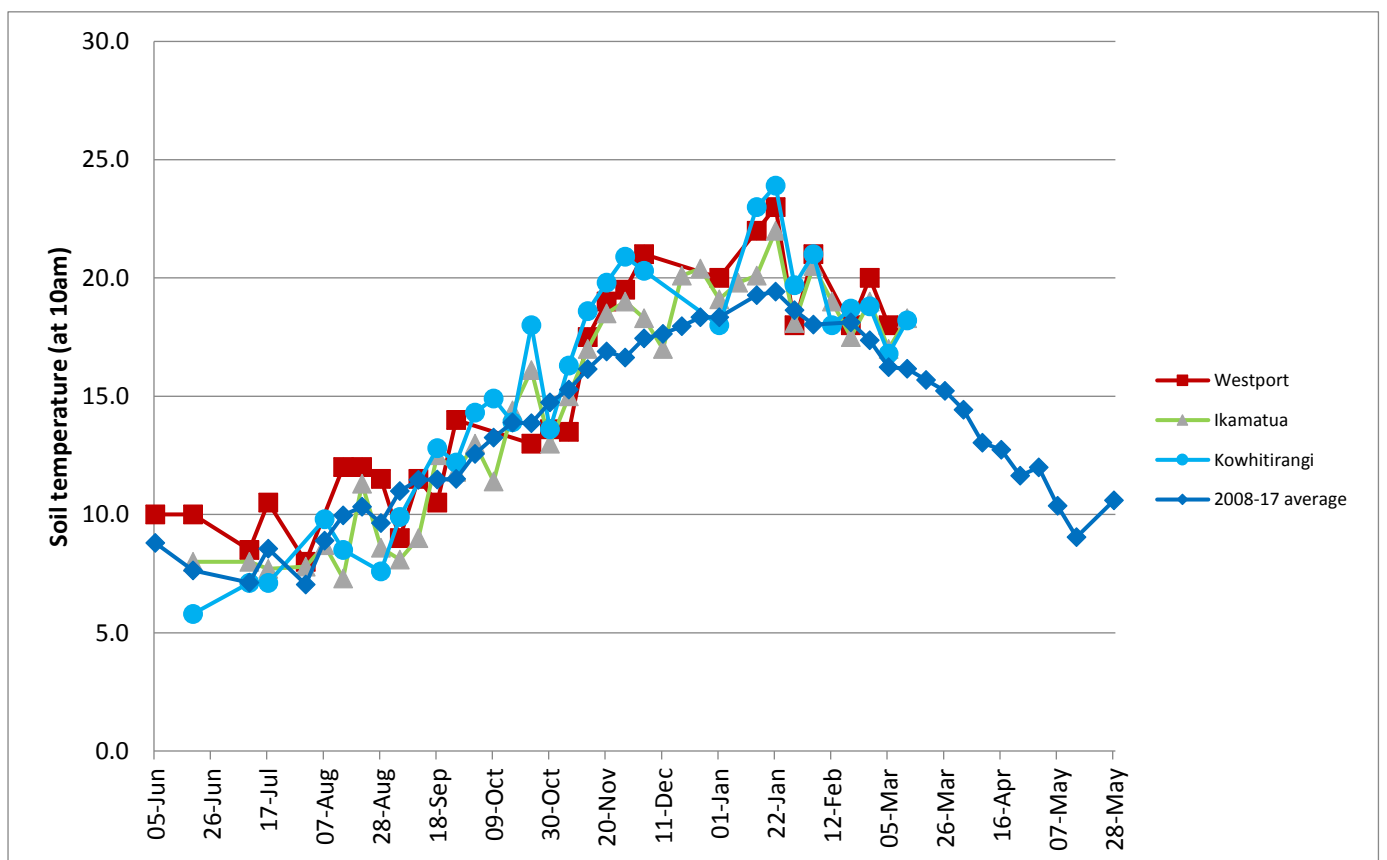
	Westport	Ikamatua	Kowhitirangi
Average cover (kg DM/ha)	2026	2097	1935
APC (14 March)	2078	1959	1923
Rotation length (days)	21	22	31
Stocking rate	2.6	2.7	2.2
Percentage in milk	100	100	100
Milksolids kg/cow	1.26	1.52	1.33
Milksolids kg/ha	3.4	4.0	2.9
MS/cow (season to date)	324	393	285
MS/ha (season to date)	947	1058	679
N (kg/ha) year to date	151	150	88
Current N application rate kg N/ha	20	30	None
	5 March	6 March	7 March
DM%	10.6	11.2	13.7
Pasture ME	12.4	>12.7	>12.7
Pasture NDF	48.5	49.5	46.8
Pasture CP	29.3	33.8	31.7
Target Intake (kg DM/cow/d)	18	18	18
Supplement (kg/cow/day)	2.5	2.5	1
Soil temperature (°C)		18.3	18.2
Growth Rate (kg DM/day)	40	76	26
Rainfall	33	20	60
Conditions for farmwalk	Fine and warm; lots of paddocks being sprayed for weeds	Fine and warm	Overcast and warm
Comments			

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

Weekly Pasture Growth Rates



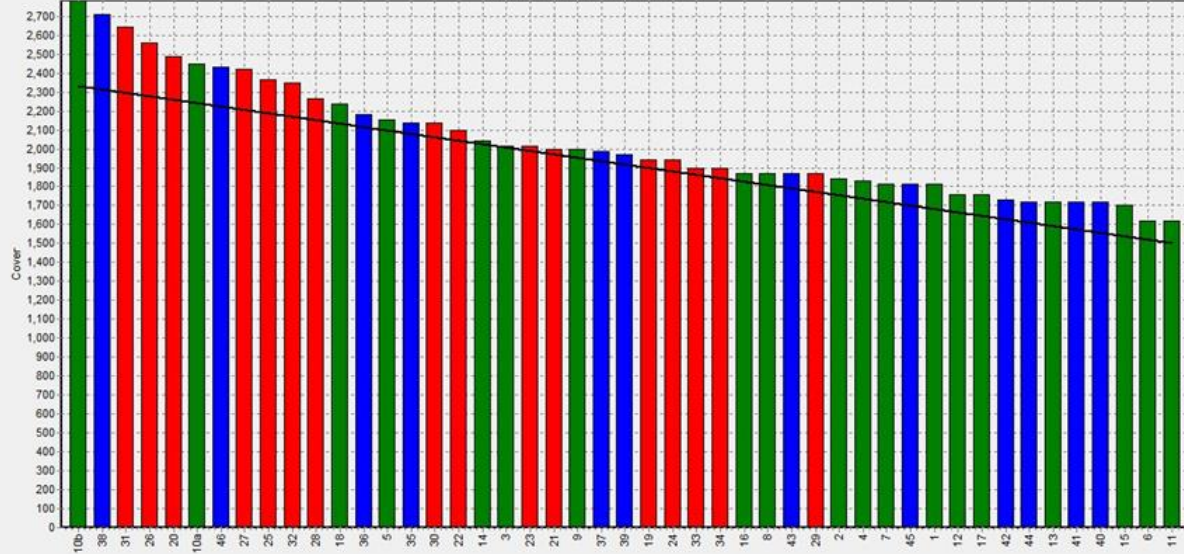
Weekly Soil Temperature



Westport

Farm Name: ADRIAN & CHERYL GALLAGHER
 Date Read : 19/03/2018
 Average Cover : 2026 Kg DM/Ha
 Average Growth : 40 Kg DM/Ha/Day

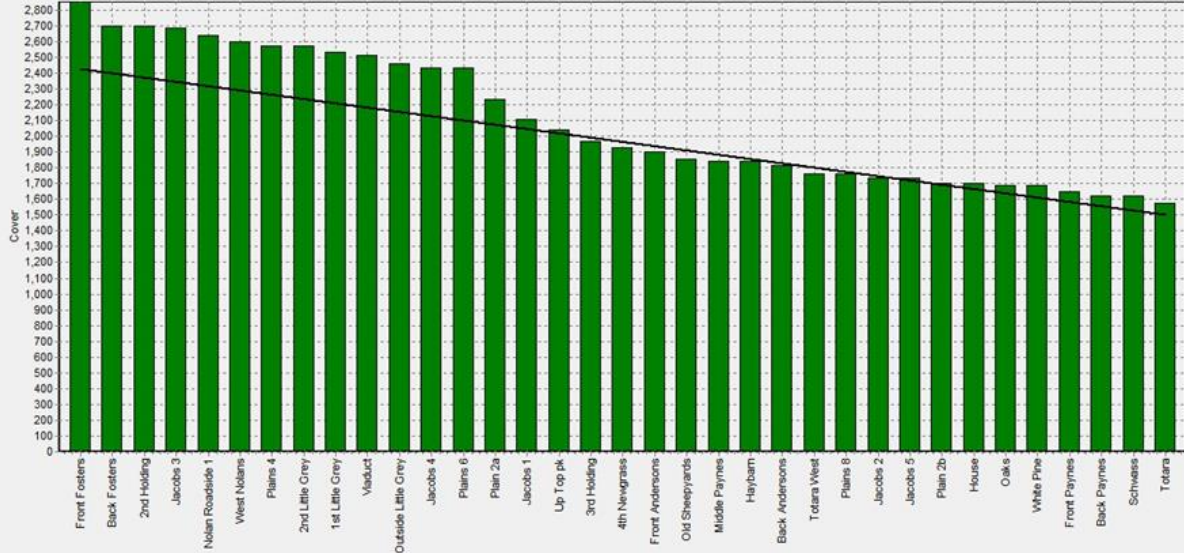
- Block 1
- Block 2
- Block 3
- Grazing Window



Ikamatua

Farm Name: ANDREW_NIKI_MIRFIN
 Date Read : 20/03/2018
 Average Cover : 2097 Kg DM/Ha
 Average Growth : 76 Kg DM/Ha/Day

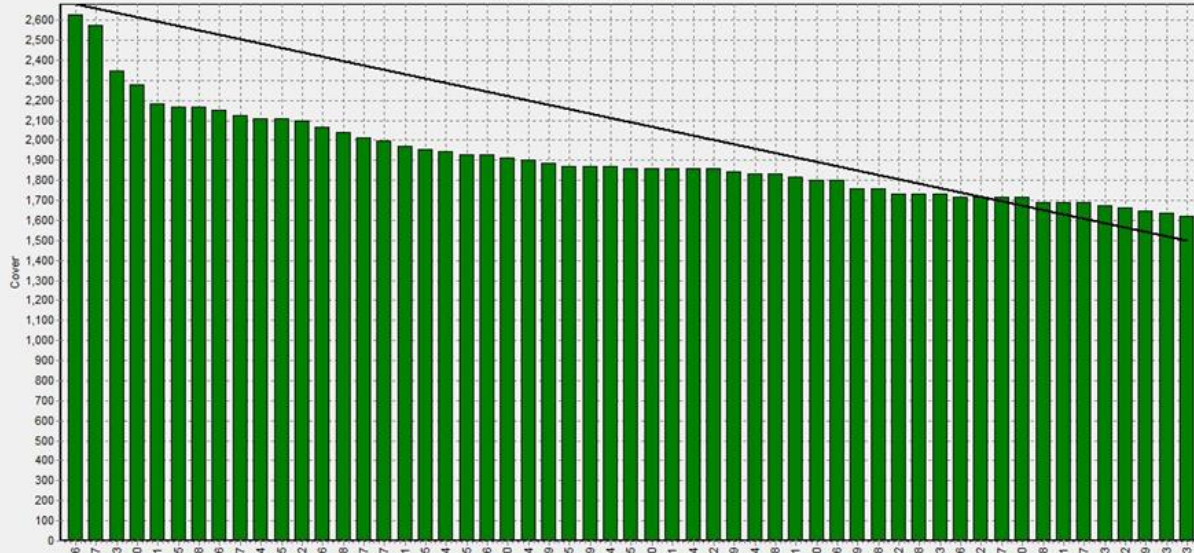
- Block 1
- Grazing Window



Kowhitirangi

Farm Name: TANE & RACHEL LITTLE
 Date Read : 21/03/2018
 Average Cover : 1935 Kg DM/Ha
 Average Growth : 26 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

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	23.8	49.5	4.6	90.8	>12.7

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