

Westland Monitor Farm Project

Weekly Update as at week ending Wednesday 11th April 2018

CO comment

BCS targets are 5.0 for mixed age cows and 5.5 for first and second calvers. The cows at greatest risk of poor reproductive performance are the first and second calvers. Within a herd there is always going to be a range of BCS, as each animal will have a slightly different metabolism, intake, milk production etc. The challenge is to get the spread in BCS at calving as small as possible around the targets. There are several strategies managers can use to get every cow close to her ideal BCS at calving, such as:

- Drying-off low producing, fat cows early;
- Ensure heifers are on track for weight and BCS;
- Give the first and second calvers more time dry than older cows;
- Split dry herds on BCS and time until calving;
- Staggered dry-off based on BCS and time to calving;

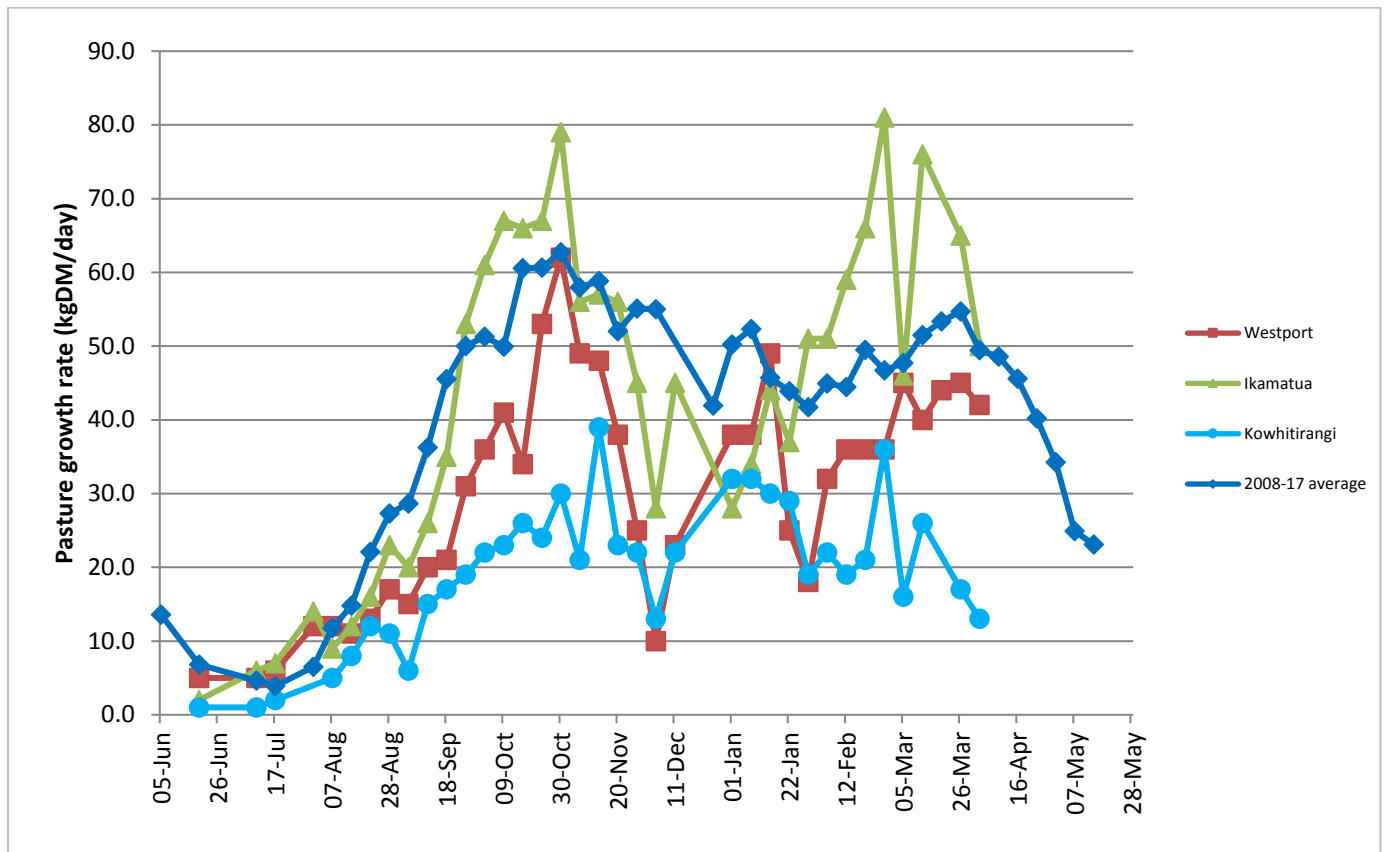
For more information on dry off strategies and to access several tools to help with this process visit <https://www.dairynz.co.nz/animal/body-condition-scoring/bcs-strategies/>

Farm Summary

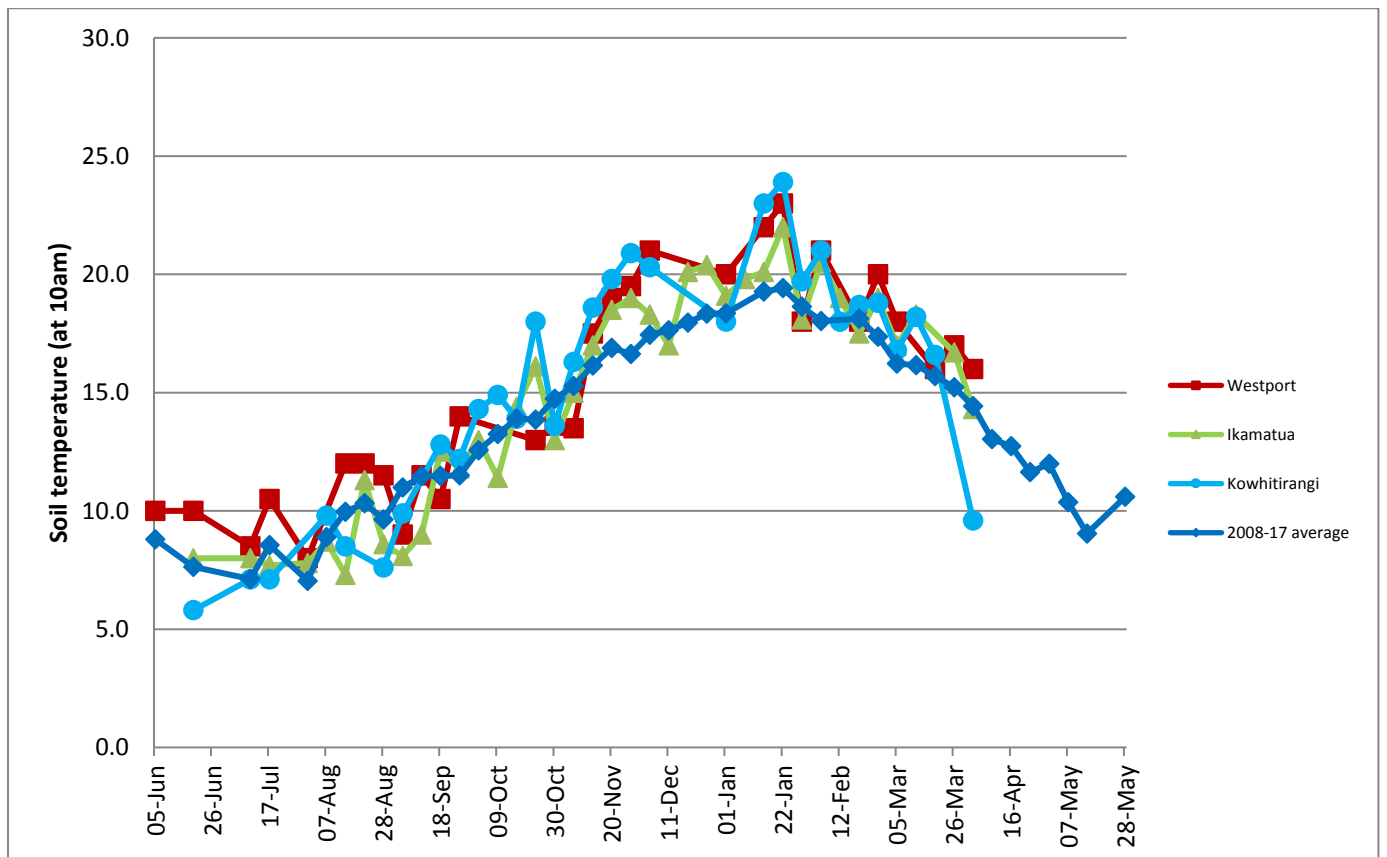
	Westport	Ikamatua	Kowhitirangi
Average cover (kg DM/ha)	2029	2037	1855
APC (4 April)	2099	1992	1909
Rotation length (days)	22	24	
Stocking rate			
Percentage in milk	85	97	
Milksolids kg/cow	1.25	1.53	
Milksolids kg/ha	3.1	4.0	
MS/cow (season to date)	343	423	
MS/ha (season to date)	1004	1139	
N (kg/ha) year to date	165	172	88
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	17
Supplement (kg/cow/day)	2	2.5	
Soil temperature (°C)	17		16
Growth Rate (kg DM/day)	45	65	17
Rainfall	18	47	180
Conditions for farmwalk	Fine but overcast	Fine, warm day	Heavy rain
Comments			

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

Weekly Pasture Growth Rates

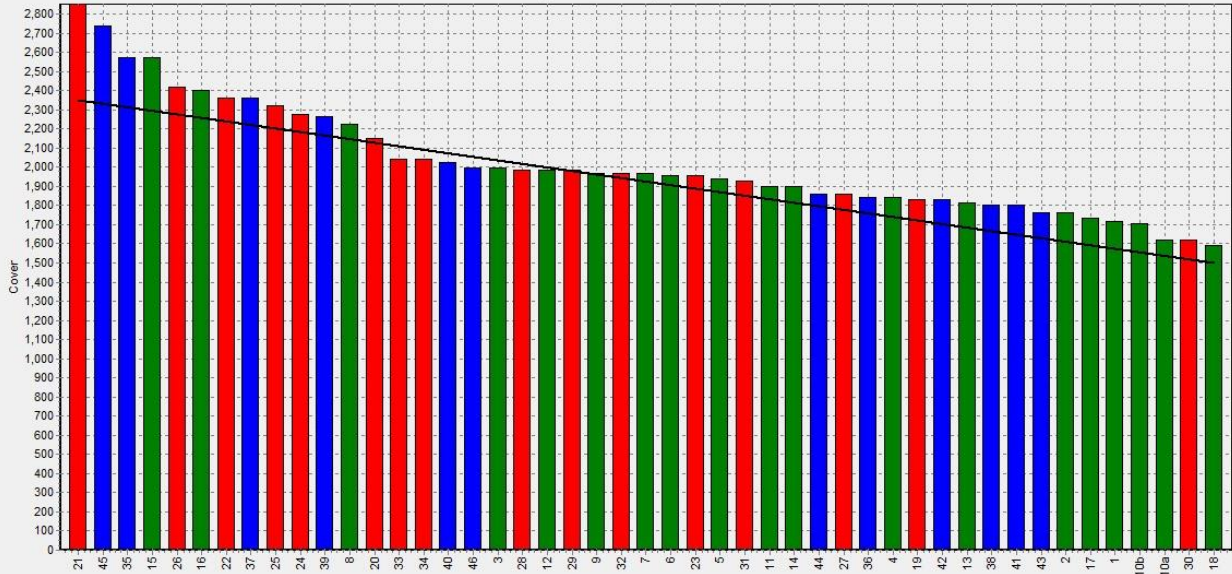


Weekly Soil Temperature



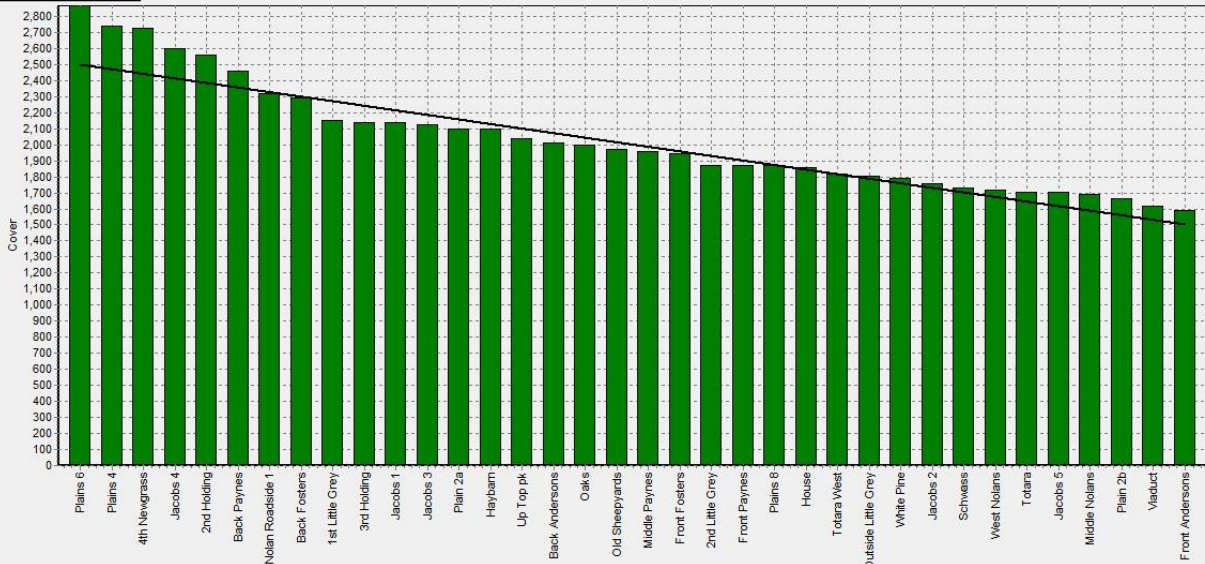
Westport

Farm Name:- ADRIAN & CHERYL GALLAGHER
 Date Read :- 9/04/2018
 Average Cover :- 2029 Kg DM/Ha
 Average Growth :- 42 Kg DM/Ha/Day



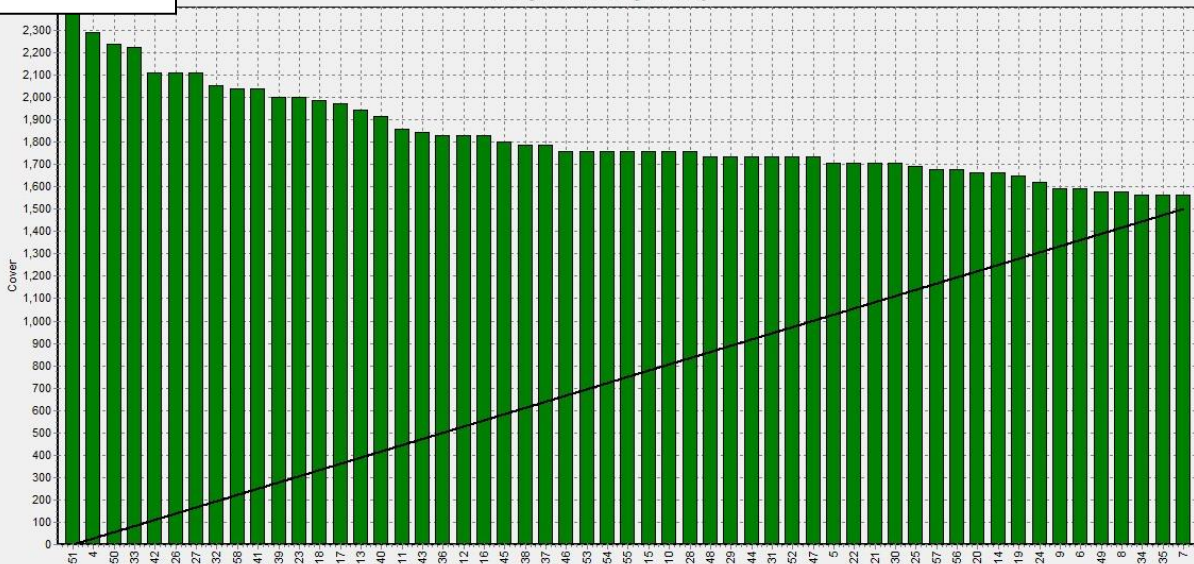
Ikamatua

Farm Name:- ANDREW_NIKI_MIRFIN
 Date Read :- 10/04/2018
 Average Cover :- 2037 Kg DM/Ha
 Average Growth :- 50 Kg DM/Ha/Day



Kowhitirangi

Farm Name:- TANE & RACHEL LITTLE
 Date Read :- 11/04/2018
 Average Cover :- 1855 Kg DM/Ha
 Average Growth :- 13 Kg DM/Ha/Day



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