Westland Monitor Farm Project

Weekly Update 3rd March 2017

CO comment

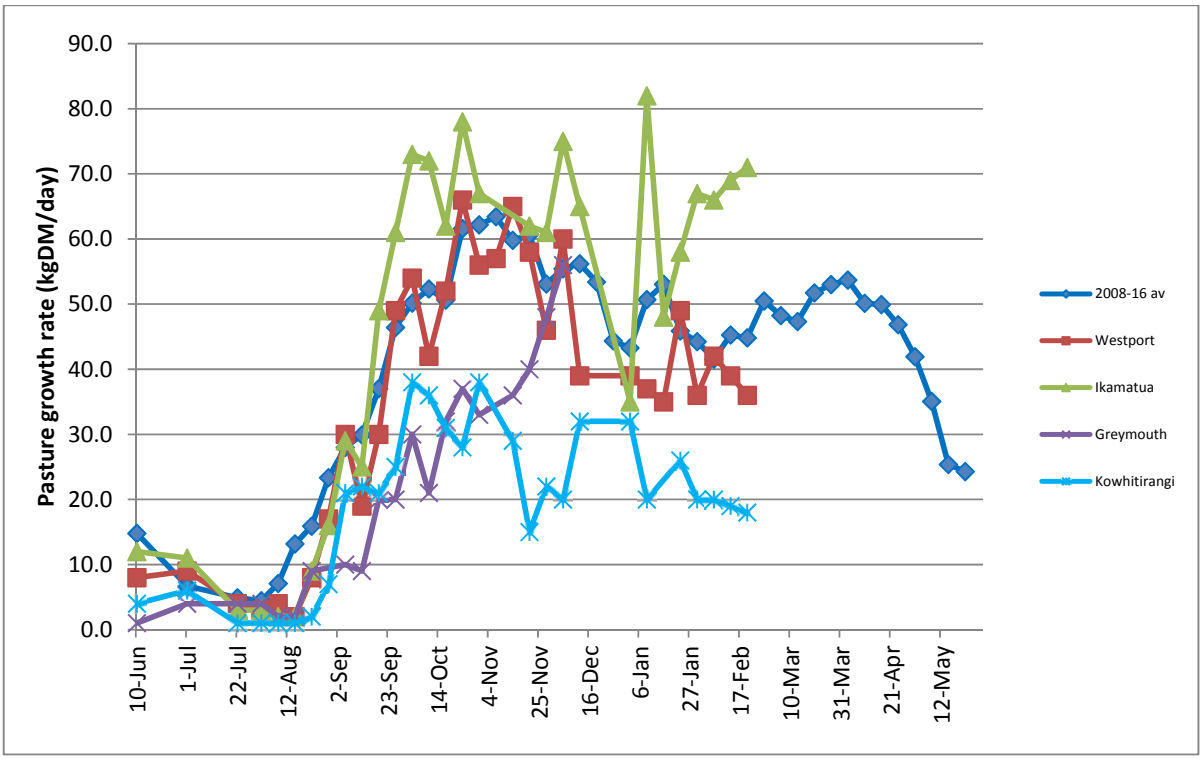
Now is a good time to start making sure you are transferring pasture through into the autumn/winter period by extending the round length. Reducing stock demand on pasture can be achieved by either using supplement (if stocks are sufficient) or culling cows. Identify any lighter cows, particularly 2 and 3 years old, and prioritize feed for this group in order to get them to the desired condition score target at calving (5 for cows and 5.5 for heifers and second calvers). Action taken now whilst pasture growth rates are have picked up will generate better results than waiting until pasture growth rates start declining more rapidly and more significant action needs to be taken. If you are interested in viewing the full summary of monitoring results, follow this link West Coast Monitor Farm Full Summary

Farm Summary

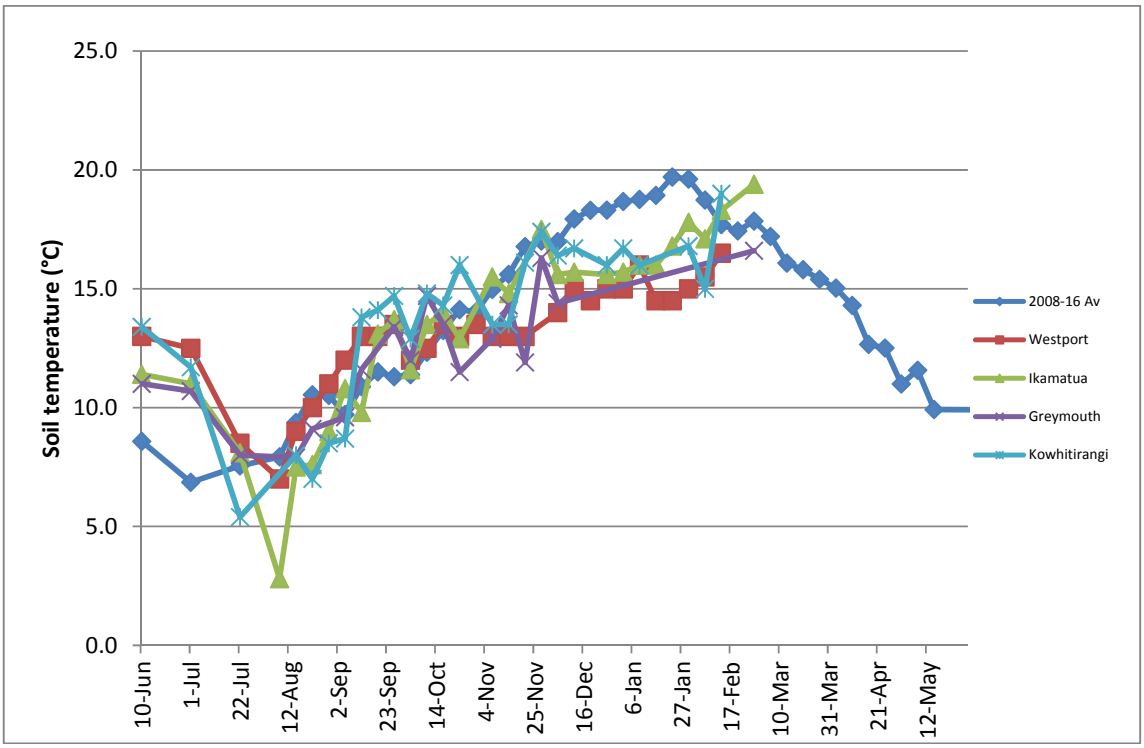
	Westport	Ikamatua	Greymouth	Kowhitirangi
Average cover (kg DM/ha)	1993	2129	2386	1845
APC (27 February)	*2030*	*2141*	-	*1846*
Rotation length (days)	20	24	22	24
Stocking rate	2.7	2.6	2.5	2.3
Percentage in milk	100	100	100	100
Milksolids kg/cow	1.58	1.72	1.55	1.25
Milksolids kg/ha	4.3	4.5	3.9	2.9
MS/cow (season to date)	297	306	245	252
MS/ha (season to date)	870	815	545	602
N (kg/ha) year to date	129	168	143	50
Current N application rate kg N/ha	20	20	25	None
	10 Feb	7 Feb		8 Feb
DM%	12.2	13.7		14.4
Pasture ME	>12.7	>12.7		>12.7
Pasture NDF	47.9	46.6		48.9
Pasture CP	21.6	25.8		24.6
Target Intake (kg DM/cow/d)	18	20		17
Supplement (kg/cow/day)	1.0	2.0		3.0
Soil temperature (°C)	-	19.4	16.6	-
Growth Rate (kg DM/day)	36	71	-	18
Rainfall	34	-		20
Conditions for farmwalk	-	-	3	-
Comments	Hot, farm drying out !!!	Hot /fine water on		No rain farm has no surface water

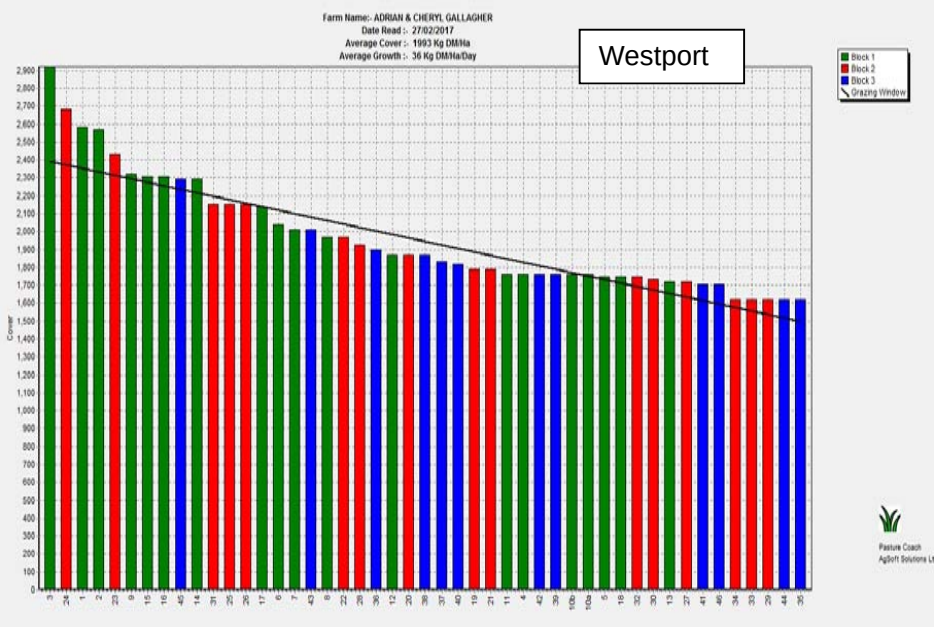
NB: pasture quality data are for 1 sample collected from each farm

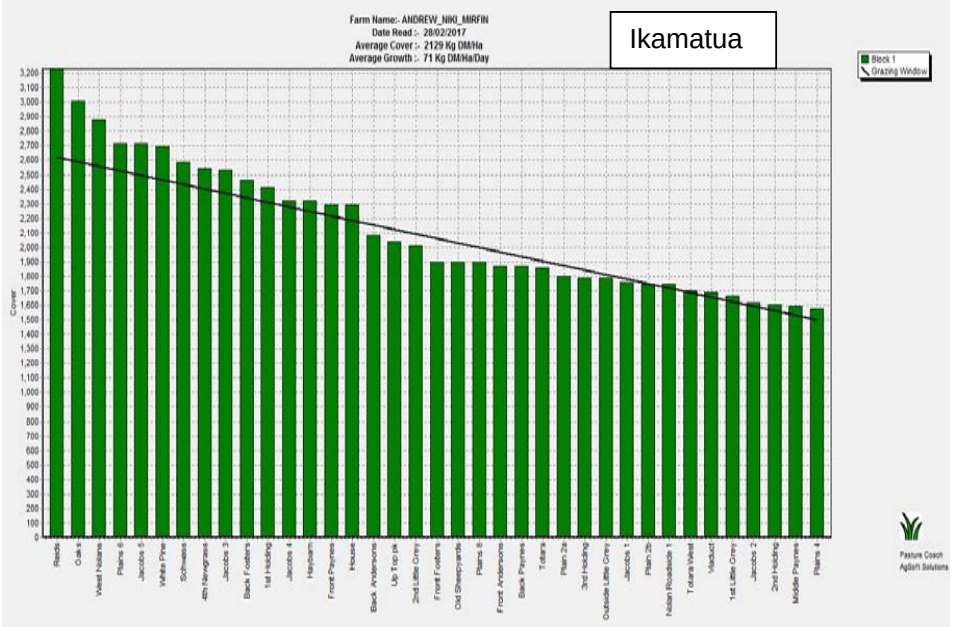
Weekly Pasture Growth Rates

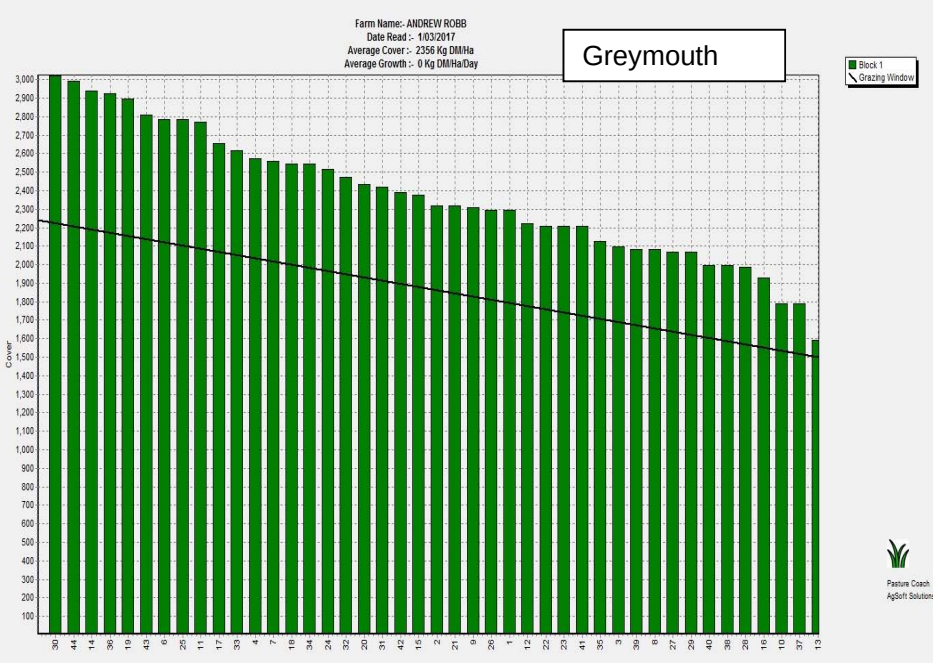


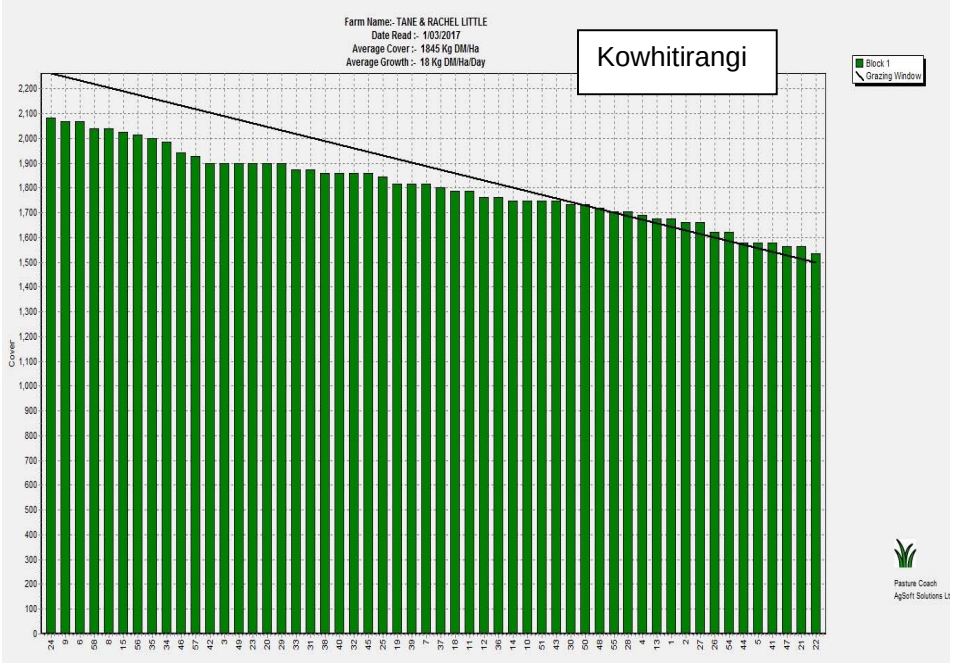
Weekly Soil Temperature




Westport
Farm Name:- ADRIAN & CHERYL GALLAGHER
Date Read :- 27/02/2017
Average Cover :- 1993 Kg DM/Ha
Average Growth :- 36 Kg DM/Ha/Day
Block 1
Block 2
Block 3
Grazing Window
Cover
Pasture Coach
AgSoft Solutions Ltd


Ikamatua
Farm Name:- ANDREW_NIKI_MIRFIN
Date Read :- 28/02/2017
Average Cover :- 2129 Kg DM/Ha
Average Growth :- 71 Kg DM/Ha/Day
Block 1
Grazing Window
Cover
Pasture Coach
AgSoft Solutions


Greymouth
Farm Name:- ANDREW ROBB
Date Read :- 1/03/2017
Average Cover :- 2356 Kg DM/Ha
Average Growth :- 0 Kg DM/Ha/Day
Block 1
Grazing Window
Cover
Pasture Coach
AgSoft Solutions


Kowhitirangi
Farm Name:- TANE & RACHEL LITTLE
Date Read :- 1/03/2017
Average Cover :- 1845 Kg DM/Ha
Average Growth :- 18 Kg DM/Ha/Day
Block 1
Grazing Window
Cover
Pasture Coach
AgSoft Solutions Ltd

Pasture Quality

NOTE: We sample the paddocks immediately in front of the milkers, to height of 3.5cm (7 clicks on the rising plate meter). The RPM data in the table is the pre-grazing clicks recorded on the day of sampling.

Westport

Description	Date	RPM	% DM	% Prot	% Lipid	% ADF	% NDF	Sol Sugar	OMD %	MJME /kg
Pdk 38	20/6/2016	13.6	12.3	28.2	3.3	24.4	42.9	10.4	85	12.7
Pdk 30	8/8/2016	13.3	19.1	23.3	4.6	24.3	46.2	11.8	82.6	12.1
Pdk 32	5/9/2016	11.2	13.2	34.3	4.2	22.2	41.7	6.7	85	12.7
Pdk 5	10/10/2016	14.8	16.9	32.7	4.1	23.8	46.2	7.6	85	12.7
Pdk 26	7/11/2016	8.2	14.7	21.8	3.5	9.3	42.5	17.4	>85	>12.7
Pdk 17	5/12/2016	10.7	17.7	29.4	4.0	23.1	43.8	9.4	>85	>12.7
Pdk 27	20/1/2017	14.0	14.6	20.1	3.7	24.3	54.8	10.6	83.8	12.2
Pdk 25	6/2/2017	11.9	12.2	21.6	3.7	24.1	47.9	13.4	>85	>12.7

Ikamatua

Description	Date	RPM	% DM	% Prot	% Lipid	% ADF	% NDF	Sol Sugar	OMD %	MJME/ kg
Hold	21/6/2016	12.8	11.7	26.4	4.7	21.7	33.5	14.7	85	12.7
Baleage runoff	29/6/2016		29.4	17.4	4.9	27.6	41.2	2.5	77.3	11.3
Plain	9/8/2016	7.2	17.8	18.3	4.4	22.0	35.7	24.1	85	12.7
Pdk 4	6/9/2016	12.7	14.8	29.3	5.2	21.1	40.3	10.6	85	12.7
Old Sheep yards	11/10/2016	17.0	12.9	27.3	4.0	22.0	42.2	12.0	85	12.7
Jacobs	8/11/2016		13.8	26.4	4.6	21.7	45	10.6	>85	>12.7
Back Anderson	6/12/2016	14.3	16.8	23.6	4.0	23.1	43.7	18.9	>85	>12.7
Pdk 4 New	20/1/2017	15.4	14.3	31.5	4.7	21	42.9	7.5	>85	>12.7
Grey	7/2/2017		13.7	25.8	4.4	22.7	46.6	11.5	>85	>12.7

Greymouth

Description	Date	RPM	% DM	% Prot	% Lipid	% ADF	% NDF	Sol Sugar	OMD %	MJME /kg
Pdk 38	30/11/16	13.7	15.3	29.4	4.5	22.8	43.2	12.3	>85	>12.7
Pdk 44	30/11/16	13.8	18.2	21.8	3.7	26.4	16.8	12.7	83.8	12.2

Kowhitirangi

Description	Date	RPM	% DM	% Prot	% Lipid	% ADF	% NDF	Sol Sugar	OMD %	MJME/kg
Pdk 22	22/6/2016	8.0	16.5	25.1	4.8	20.9	30.4	22.1	85	12.7
Pdk 40	10/8/2016	10.8	21.1	17.6	3.5	23.5	37.3	25.4	85	12.7
Pdk 1	7/9/2016	11.8	12.4	34.7	5.1	20.6	44.1	4.4	85	12.7
Pdk 6	12/10/2016	14.2	12.8	25.5	4.2	21.1	42.3	12.2	85	12.7
Pdk 5	7/11/2016		14.4	23.3	4.2	25.3	47.5	9	84.4	12.3
Pdk 6	7/12/2016	14.7	12.9	29.0	4.4	25.0	41.0	7.7	>85	12.6
Pdk 25	8/2/2017	10.6	14.4	24.6	4.2	23.2	48.9	10.8	>85	>12.7