Westland Monitor Farm Project

Weekly Update 24 February 2017

CO comment

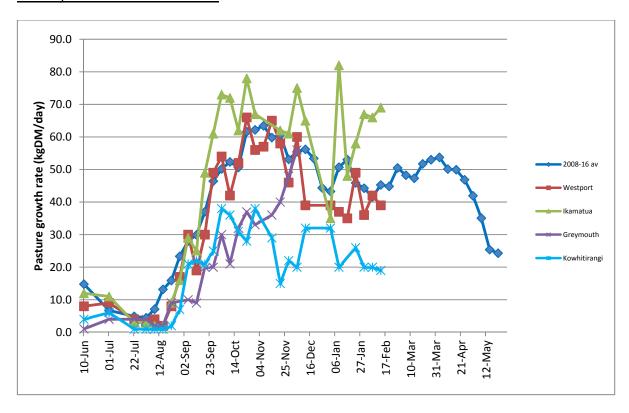
Whilst there has been a welcome respite from the seemingly continuous wet conditions, the issues from the wet will not disappear immediately. To date, the amount of supplements harvested and the problems of establishing winter crops are pointing towards lowered feed reserves heading into the winter period. Attention will now need to go on ensuring that decisions made through the autumn build feed reserves – perhaps even allowing some surplus feed to be harvested through the autumn, are ensure that there will no residual effects carried into next season. During autumn, deciding when to extend the rotation, determining what the appropriate APC is for each stage of the autumn, whilst balancing decisions around early culling, alternative milking intervals etc can be tricky. The Autumn Rotation Planner, similar to the Spring Rotation Planner, can help farmers keep track of their APC and rotation length through this period and ensure that identified targets are achieved. Use of the Autumn Rotation Planner and its use will be the focus of discussion groups to be run through March. For information on the discussion group to be held in your district go to https://www.dairynz.co.nz/events/?region=5454

Farm Summary

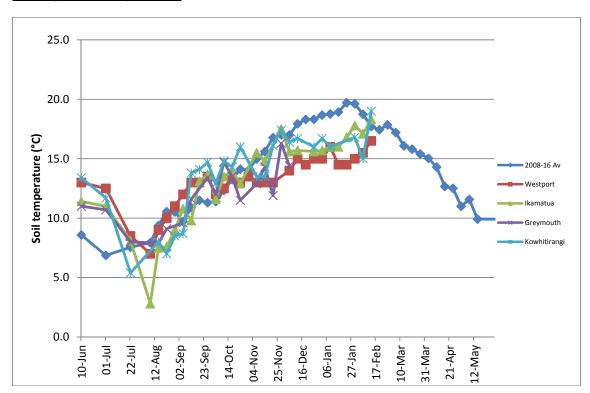
	Westport	Ikamatua	Greymouth	Kowhitirangi
Average cover (kg DM/ha)	2030	2141		1846
APC (17 February)	2060	2104		1870
Rotation length (days)	18.5	24		24
Stocking rate	2.7	2.6		2.3
Percentage in milk	100	100		100
Milksolids kg/cow	1.64	1.72		1.25
Milksolids kg/ha	4.5	4.5		2.8
MS/cow (season to date)	288	294		244
MS/ha (season to date)	843	784		582
N (kg/ha) year to date	123	163		50
Current N application rate kg N/ha	20	20		None
Current is application rate kg is/na	20	20		None
	6 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
Supplement (kg/cow/day)	1.0	2.0		3.0
Soil temperature (°C)	16.5	18.3		19.0
Growth Rate (kg DM/day)	39	69		19
Rainfall	34	-		20
Conditions for farmwalk				
Comments	Don't say	No rain!		Fine day
	anything but	Farm looks		farm maybe
	maybe farm	as if it may		drying out.
	drying out !!!	go dry		Long way to
				go though

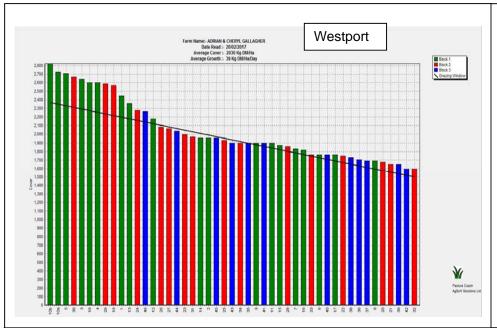
NB: pasture quality data are for 1 sample collected from each farm

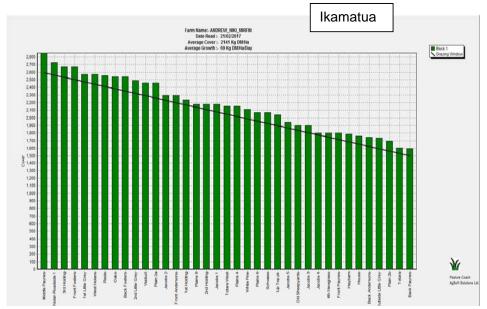
Weekly Pasture Growth Rates



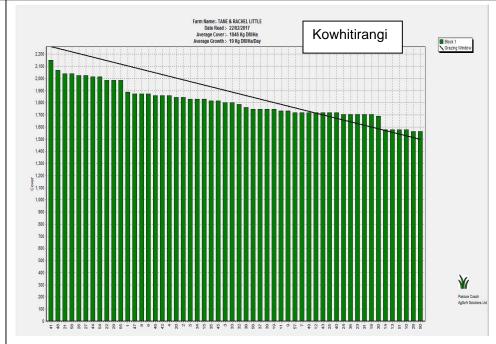
Weekly Soil Temperature







Greymouth



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.

<u>Westport</u>

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
	I	l	ĺ	ı		1	1		1	

<u>Ikamatua</u>

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	1	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
		<u> </u>								

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
			1						1	1
			1							1
		-	-							-
									1	
			1							1
			ļ		ļ					
			1		1					
					1					
	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	1			<u> </u>

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
	+									
	-					1				
	+			 		 				
	+			-		-				
	_			 		 				
				 		 				
	_			1		1				
				ļ		ļ				