UNIVERSITY of TASMANIA
TIA
Tasmanian Institute of Agriculture

TIA DAIRY HIGH FARMLETS MONTHLY REPORT - AUGUST 2023

Dairy Australia

28/08/2023	Week 9	Farmlet 1		Farmlet 2		Farmlet 3		Farmlet 4	
# Cows		29		29		29		22	
SR (Cows/ha)		3.94		3.94		3.94		2.99	
Pasture species		Perennial ryegrass & White clover		Perennial ryegrass & White clover		Perennial ryegrass & White clover & Plantain		Mixed Species	
Nitrogen (kg N/ha.year)		300		150		150		0	
Daily Production									
		Per ha	Per cow	Per ha	Per cow	Per ha	Per cow	Per ha	Per cow
Litres		93.8	34.5	93.1	34.3	90.7	33.4	78.8	34.1
Protein (kg)		3.0	1.12	3.0	1.11	2.9	1.08	2.6	1.11
Fat (kg)		3.8	1.39	3.8	1.38	3.7	1.34	3.2	1.37
Milk Solids (kg)		6.8	2.51	6.8	2.50	6.6	2.43	5.7	2.48
Production to Date									
		Per ha	Per cow	Per ha	Per cow	Per ha	Per cow	Per ha	Per cow
Protein (kg)		13.7	3.5	13.6	3.5	13.3	3.4	11.5	3.9
Fat (kg)		17.0	4.3	16.9	4.3	16.4	4.2	14.3	4.8
Milk Solids (kg)		30.7	7.8	30.5	7.7	29.7	7.5	25.8	8.6
Pasture Performance									
Pasture Growth (kg DM/ha.day)		37		38		30		30	
Pasture Cover (kg DM/ha)		2447		2416		2413		2592	
Milking Cows Intake (kg DM/cow.day)									
Pasture		15.0		15.6		14.9		15.0	
Concentrates		6.2		6.2		6.2		6.2	
Silage		0.0		0.0		0.0		0.0	
Other Supplements		0.0		0.0		0.0		0.0	
Total Intake		**21.2**		**21.8**		**21.2**		**21.2**	
Nitrogen use									
		This Period	Season	This Period	Season	This Period	Season	This Period	Season
Nitrogen applied (kg N/ha)		0	16	0	15	0	15	0	0

Comments Farmlet 1

20 cows (about 70% of target number) entered F1 on Thu 24/8/2023. Trial cows are in lactation 2 to 6. Cow numbers to increase to 29 in a few weeks.

At start of the grazing trial, cows were
27 days in milk, and 530 kg liveweight (7 day average, walk-over scales).

Rotation is 44 days. Feed wedge looks good but predicts feed shortfall in 14 days. With increasing soil temp and day length, expect pasture growth to increase and fill this

Comments Farmlet 2

20 cows (about 70% of target number), entered F2 on Thu 24/8/2023. Trial cows are in lactation 2 to 6. Cow numbers to increase to 29 in a few weeks time.

At start of the grazing trial, cows were
28 days in milk, and at 538 kg liveweight (7 day average, walk-over scales).

Rotation length is 40 days. Feed wedge is looking good with no feed gap evident at this point in time.

Comments Farmlet 3

20 cows (about 70% of target number), entered F3 on Thu 24/8/2023. Trial cows are in lactation 2 to 6. Cow numbers to increase to 29 in a few weeks time.

At start of the grazing trial, cows were
28 days in milk, and at 533 kg liveweight (7 day average, walk-over scales).

Rotation is 48 days, slightly slower than F1 & F2, aim to buffer emerging gap in feed wedge. If gap not filled with increasing pasture growth rate, may fill with silage.

Comments Farmlet 4

18 cows (about 80% of target number), entered F4 on Thu 24/8/2023. Trial cows are in lactation 2 to 6, with cow numbers to increase to 22 in a few weeks time.

At start of the grazing trial, cows were
28 days in milk, and at 519 kg liveweight (7 day average, walk-over scales).

Rotation length is 52 days. Currently there is surplus in the feedwedge but as this is the lowest N input farmlet this provides a buffer.

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