A. Critical Issues

- 1. Start closing paddocks.
- 2. Use strip wire to maintain residual.
- 3. Graze 15% of the farm each week for October.

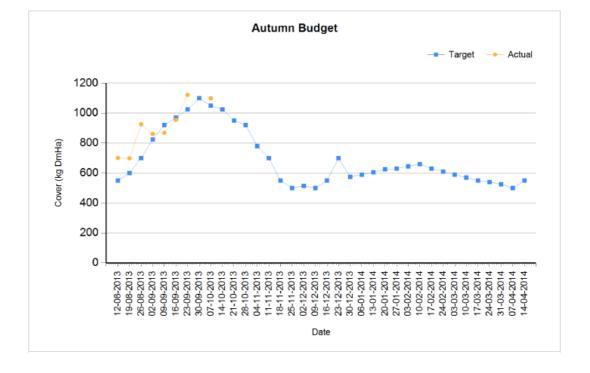
B. 2013 Calving date trial

- The herd is split into two separate calving dates
- Early calving group mean calving date is the 25th of Feb.
- Late calving group mean calving date is the 10th of March.
- Stocking rate is 2.9 cows per ha for both groups and fertiliser input will be constant (250Kg N / ha).
- Within each group there are equal numbers of Friesian and crossbred cows

C. Whole farm situation

- 1. Soil temperature today is 13.5°C.
- 2. Total rainfall over the past seven days was 35mm.
- 3. Average growth was 49kgDM/ha/day, (13% DM).
- 4. Rotation length 45 days.
- 5. Feed wedge 07/10/2013

Group:	Cover Date: 07/10/2013				
Farm: Ballyhaise	Treatment: Early calving				
Management Decisions					
Rotation Length (days):	45	Silage Fed (kg DM/cow):	0.0		
Grass Allocation/Cow (kg DM/cow):	14.0	Residual Height (cm):	3.5		
No. of Cows:	60				
Concentrate Fed (kg/cow):	2.0				
Cover Parameters					
Grass Allocation/LU (kg DM/LU):	14.0	Growth Rate (kg/ha/day):	49		
Total Livestock (LU):	60.0	Farm Demand (kg DM/ha/day):	44		
Farm Cover (kg DM/ha):	1099	Target Pre-grazing yield (kg DM/ha):	1991		
Farm Cover (kg DM/LU):	348				
Stanling Data (LLI/ha):	3.16				
Stocking Rate (LU/ha):		I Paddock Being Grazed Demand Unsupple	mented Demand		
P ₁		Paddock Being Grazed Demand Unsupple	mented Demand		



- 6. Farm cover is 1099 kg DM / ha (348 kg DM / cow) and pre-grazing cover is 1900 kg DM / ha.
- 7. Autumn budget is on target, introduced 2 kg of concentrate to reduce demand as growth is starting to slow this week due to soil temperature drop. We aim to be at a farm cover of 1000kg DM / ha next week.
- 8. Started closing paddocks on the 1st October, have 17% closed to date, may have to graze some lighter covers this week to close enough area. We have grazed some paddocks suitable for early spring grazing next year dry, close to yard, good access.
- 9. Watery slurry applied to grazed paddocks at a rate of 2500 gals per acre.
- 10. Grazing conditions are still good and cows are grazing out well 3.6 to 4.2 cm post grazing height. Allocating grass every twelve hours.
- 11. Total N spread to date is 250 kg N / ha, last N spread was on the 29th of September, soil temperatures were still 14°C plus at that stage so should get a response.
- 12. Total growth to date is 11.7 tons DM / ha.
- 13. Cows and heifers were scanned on the 30th of August. The empty rate in the cows after 12 weeks of breeding was 9%. Pregnancy rate to first service was 51% and 6 week pregnancy rate was 76%. Heifer empty rate was 10% over 7 week breeding period with 72% conception to 1st service AI and the remainder in-calf to jersey stock bulls. There are 145 animals scanned in-calf for next year so will have 20 surplus animals to sell.

C. Bulk tank details:

Milk yield 12.92kg, Fat 4.83%, Protein 3.85% (1.15kg MS) SCC 203,000, TBC 19,000

Date: 07/10/2013	Early		Late	
Mean calving date	25 th Feb		10 th March	
	FR	JFX	FR	JFX
Stocking rate (cows/ha)	2.9	2.9	2.9	2.9
Milk yield (kg/cow/day)	14.5	11.8	14.5	12.4
% Fat	4.63	5.01	4.51	4.80
% Protein	3.82	4.18	3.87	4.09
% Lactose	4.50	4.51	4.53	4.53
Milk solids (kg/cow/day)	1.23	1.08	1.21	1.10
Supplement (kg/cow/day)				
Concentrate	0	0	0	0
Silage	0	0	0	0
Cumulative				
Milk yield (kg/cow)	4,629	4,237	4,230	3,822
% Fat	4.43	4.67	4.49	4.69
% Protein	3.43	3.68	3.51	3.60
% Lactose	4.71	4.74	4.72	4.74
Milk solids (kg/cow)	364	354	338	317
Weight	518	476	524	451
Body Condition Score	2.92	2.93	2.90	2.86
Supplement (kg/cow)		'	'	'
Concentrate	686		568	
Silage to milking cows	330		180	
(kg DM/cow)				
Conserved silage (kg	576		605	
DM/cow)	(48%)		(50%)	

^{*} These are raw data and have not been statistically analysed.

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