

A. Critical Issues

1. Maintain grass quality.
2. Reduce pre-grazing yield to below 1400kg DM / ha.
3. Reach target residual of 4cm

B. Whole farm situation

1. Soil temperature today is 14°C.
2. Total rainfall over the past seven days was 12mm.
3. Average growth was 65kgDM/ha/day, (17% DM).
4. Cows and in-calf heifers got IBR booster.
5. In-calf heifers dosed this week.

C. 2013 Calving date trial

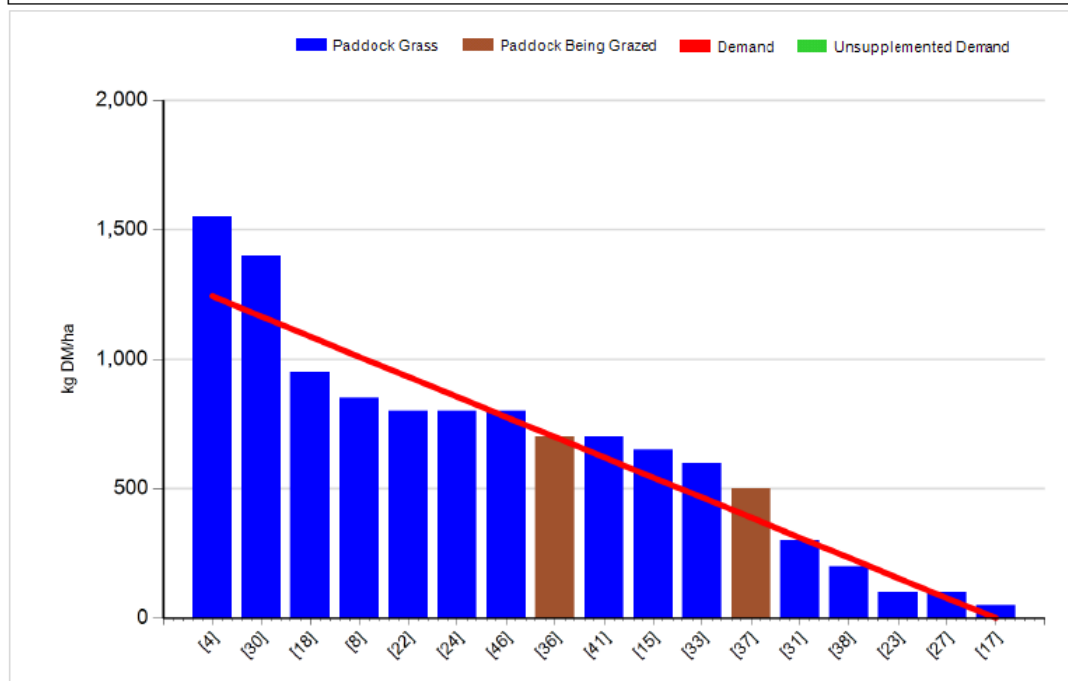
- The herd is split into two separate calving dates
- Early calving group – mean calving date is the 20th of Feb.
- Late calving group – mean calving date is the 10th of March.
- Stocking rate is 2.9 cows per ha for both groups and fertiliser input will be constant (250Kg N / ha).
- Within each group there are equal numbers of Friesian and crossbred cows

Early calving Group

Rotation Length (days):	21	Silage Fed (kg DM/cow):	0.0
Grass Allocation/Cow (kg DM/cow):	16.0	Residual Height (cm):	3.5
No. of Cows:	60		
Concentrate Fed (kg/cow):	1.0		

Cover Parameters

Grass Allocation/LU (kg DM/LU):	16.0	Growth Rate (kg/ha/day):	67
Total Livestock (LU):	60.0	Farm Demand (kg DM/ha/day):	59
Farm Cover (kg DM/ha):	639	Target Pre-grazing yield (kg DM/ha):	1243
Farm Cover (kg DM/LU):	173		
Stocking Rate (LU/ha):	3.70		



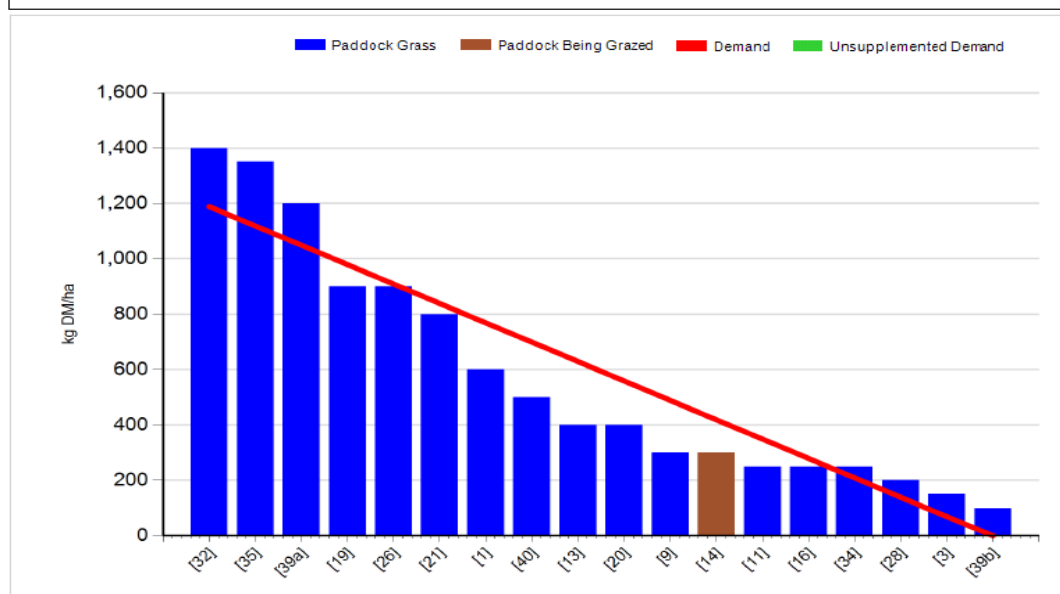
1. Farm cover is 639 kg DM / ha (173 kg DM / cow) and pre-grazing cover is 1550 kg DM / ha.
2. Growth is similar to last week. Pre-grazing yield is a little high on next two paddocks but these were both baled in the last rotation so quality is still excellent. There is a slight hole in the wedge but with growth ahead of demand this should not be a problem.
3. There are 4 paddocks closed for silage this week. Three of these paddocks were skipped last week and have covers of over 2000kg DM / ha. These will be baled towards the end of this week if conditions allow. The other paddock has a cover of 1200 kg DM/ha and will be let grow for another 2 weeks.
4. Grazing residual is variable depending on sward type – after grass and clean swards are being grazed down to 4cm but some of the poorer quality clumpy paddocks are only being grazed to 4.6cm.
5. Spreading 27 units of Nitrogen after each grazing. Using dirty water on paddocks after baling.
6. Have conserved 19% of silage requirement from the grazing block to date.
7. Eight weeks of AI done with all cows submitted. The 24 day non-return rate is 58%.
8. Stock bulls have been introduced last week to mop up. There are two bulls with 60 cows – one young bull (JFX) and one mature bull (Hereford).

Late Calving Group

Rotation Length (days):	21	Silage Fed (kg DM/cow):	0.0
Grass Allocation/Cow (kg DM/cow):	16.0	Residual Height (cm):	3.5
No. of Cows:	60		
Concentrate Fed (kg/cow):	1.0		

Cover Parameters

Grass Allocation/LU (kg DM/LU):	16.0	Growth Rate (kg/ha/day):	63
Total Livestock (LU):	60.0	Farm Demand (kg DM/ha/day):	57
Farm Cover (kg DM/ha):	552	Target Pre-grazing yield (kg DM/ha):	1189
Farm Cover (kg DM/LU):	156		
Stocking Rate (LU/ha):	3.54		



1. Farm cover is 552 kg DM / ha (156 kg DM / cow) and pre-grazing cover is 1400 kg DM / ha. Farm cover is on the low side but paddocks closed were too strong for grazing (1800 kg DM / ha +). Growth rate is still ahead of demand so this should not be a problem with good weather forecast for the second half of this week.
2. There are three paddocks (12% of area) closed for silage this week. They will be baled towards the weekend if conditions allow.
3. Spreading 27 units of N after each grazing.
4. Have conserved 18% of silage requirement from the grazing block to date.
5. Have done 7 weeks of AI and all cows are submitted. Stock bulls introduced this week to mop up.

C. Critical short term actions :

- Skip 15% of area for silage
- Skip paddocks with poor quality grass
- Spread 30 units of Sul-CAN after grazing

D. Bulk tank details :

Milk yield 20.8kg, Fat 4.21%, Protein 3.61% (1.62kg MS) SCC 119,000, TBC 5,000.

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Date : 24/06/2013	Early	Late	FR	JFX
Stocking rate (cows/ha)	2.9	2.9	2.9	2.9
Milk yield (kg/cow/day)	21.1	21.3	22.3	19.8
% Fat	4.64	4.46	4.50	4.76
% Protein	3.57	3.51	3.48	3.60
% Lactose	4.74	4.83	4.78	4.81
Milk solids (kg/cow/day)	1.73	1.69	1.78	1.65
Supplement (kg/cow/day)				
Concentrate	1	1	1	1
Silage	0	0	0	0
Cumulative				
Milk yield (kg/cow)	2613	2060	2336	2195
% Fat	4.63	4.63	4.56	4.75
% Protein	3.49	3.50	3.42	3.56
% Lactose	4.81	4.81	4.79	4.82
Milk solids (kg/cow)	210	168	186	182
Weight	480	489	514	455
Body Condition Score	2.83	2.78	2.76	2.85
% Calved	100	100	100	100
Supplement (kg/cow)				
Concentrate	490	362		
Silage to milking cows (kg DM/cow)	309	159		
Conserved silage (kg DM/cow)	236 (19%)	222 (18%)		

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