

A. Critical Issues

1. Build covers.
2. Use strip wire to maintain residual.

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

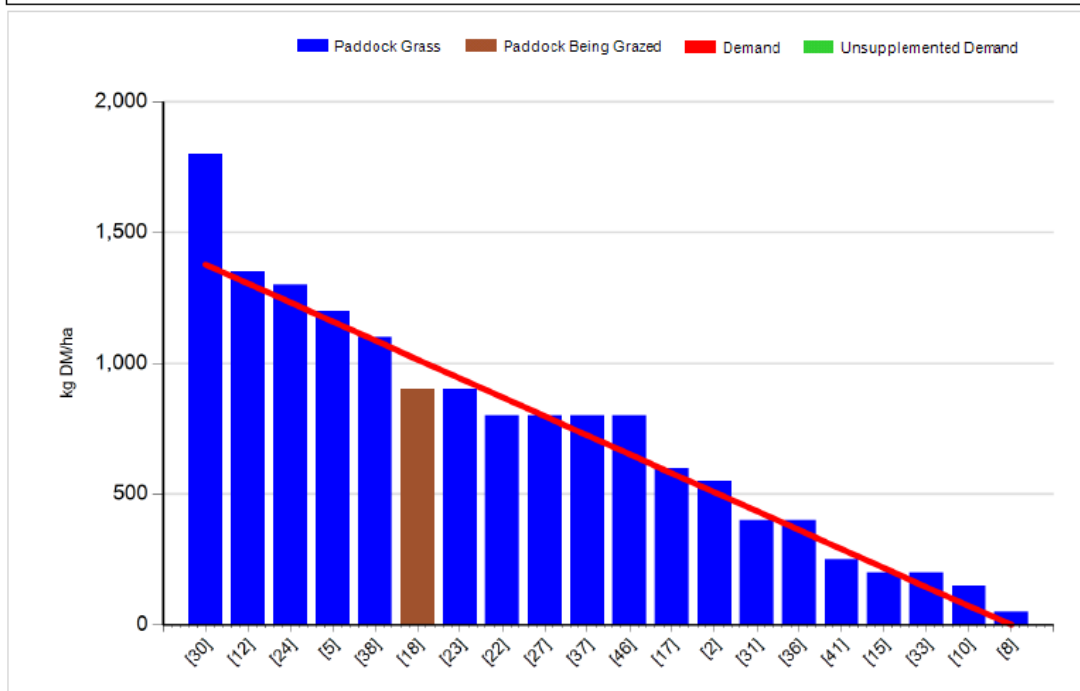
C. Whole farm situation

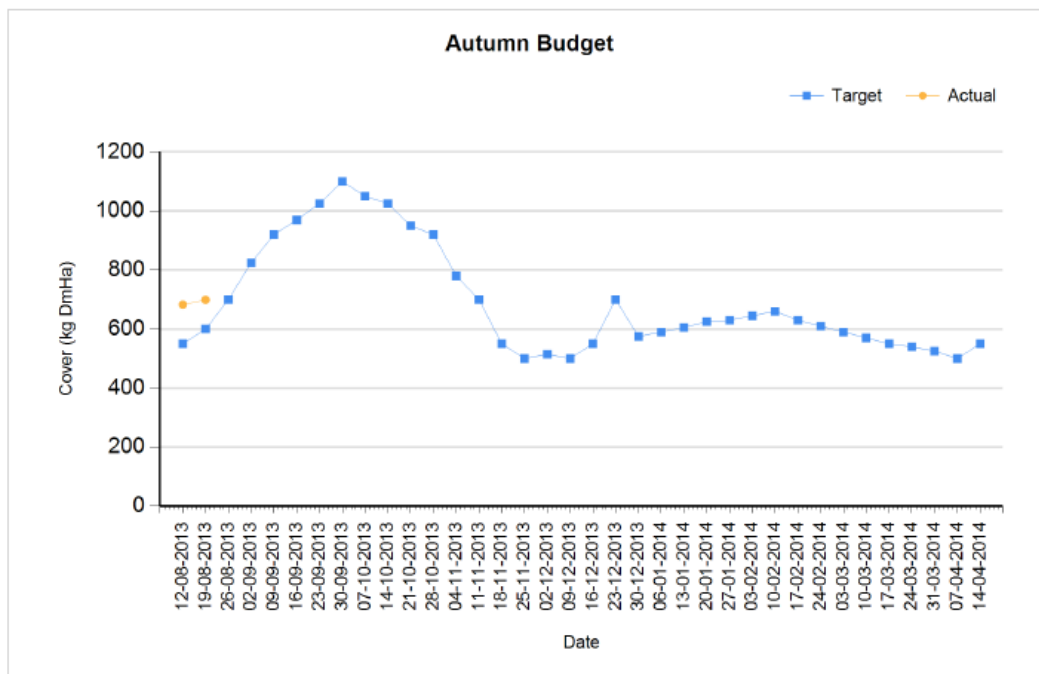
1. Soil temperature today is 16°C.
2. Total rainfall over the past seven days was 16mm.
3. Average growth was 75kgDM/ha/day, (18% DM).
4. Feed wedge 19/08/2013

Rotation Length (days):	26	Silage Fed (kg DM/cow):	
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):	75
Total Livestock (LU):	60.0	Farm Demand (kg DM/ha/day):	53
Farm Cover (kg DM/ha):	699	Target Pre-grazing yield (kg DM/ha):	1377
Farm Cover (kg DM/LU):	211		
Stocking Rate (LU/ha):	3.31		





5. Farm cover is 699 kg DM / ha (211 kg DM / cow) and pre-grazing cover is 1700 kg DM / ha.
6. Cover is ahead of target according to the autumn budget. Paddock was removed for baling this week as it has a cover of 1850 kg DM / ha. Even though farm cover is above target all other paddocks are good quality and 1500 to 1600 kg DM / ha. We have struggled to reach the peak cover over the last number of years so no more paddocks will be taken out this week.
7. We have started to use the strip wire to achieve good graze out on these slightly heavy covers.
8. Spreading 27 units of CAN per acre on grazed paddocks once weekly.
9. Total growth to date is 8.3 tons DM / ha.
10. Stock bulls were introduced after 8 weeks of AI to mop up. There are two bulls with 60 cows – one young bull (JFX) and one mature bull (Hereford). Bulls were removed on the 1st of August.

C. Critical short term actions :

- Bale 1 paddock
- Spread 27 units of Sul-CAN after grazing.
- Maintain rotation length

D. Bulk tank details :

Milk yield 16.7 litres, Fat 4.71%, Protein 3.65% (1.43kg MS) SCC 165,000, TBC 6,000.

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Date : 19/08/2013 Mean calving date	Early 25th Feb		Late 10th March	
	FR	JFX	FR	JFX
Stocking rate (cows/ha)	2.9	2.9	2.9	2.9
Milk yield (kg/cow/day)	18.3	15.5	18.3	15.5
% Fat	4.20	4.55	4.40	4.57
% Protein	3.47	3.74	3.55	3.69
% Lactose	4.63	4.71	4.67	4.66
Milk solids (kg/cow/day)	1.41	1.29	1.45	1.28
Supplement (kg/cow/day)				
Concentrate	0	0	0	0
Silage	0	0	0	0
Cumulative				
Milk yield (kg/cow)	3829	3560	3392	3131
% Fat	4.46	4.66	4.53	4.74
% Protein	3.39	3.63	3.47	3.54
% Lactose	4.74	4.78	4.76	4.77
Milk solids (kg/cow)	301	295	271	259
Weight	505	456	523	455
Body Condition Score	2.79	2.88	2.75	2.80
% Calved	100	100	100	100
Supplement (kg/cow)				
Concentrate		635		517
Silage to milking cows (kg DM/cow)		330		180
Conserved silage (kg DM/cow)		480 (40%)		480 (40%)

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