

**A. Critical Issues**

1. 36 hour allocations.
2. Maintain target residual (4cm).
3. Reach target 21 day submission rate of 90%.

**B. 2014 Calving date trial**

- The herd is split into two separate calving dates
- Early calving group – mean calving date is the 25<sup>th</sup> of Feb.
- Late calving group – mean calving date is the 10<sup>th</sup> of March.
- Within each group there are equal numbers of Friesian and crossbred cows.

**C. Whole farm situation**

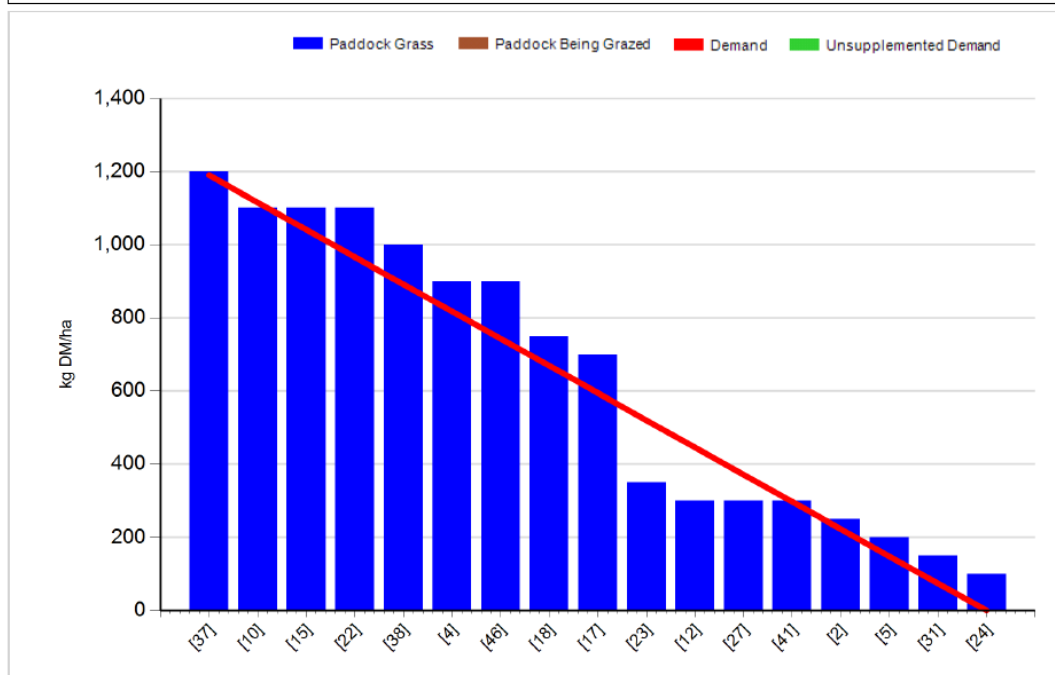
- Soil temperature today is 11.5°C.
- On the third round of Nitrogen (27 units of sul-CAN).
- Pre-breeding scan done, one G3 cow to be washed out, 12 G2 cows to be washed out, no CIDRs or other treatments needed.
- Milk yield 25.81kg, 4.26% fat, 3.42% protein (2.04kg Ms / cow), SCC 170,000 and TBC 22,000.

**D. Early group**

Rotation Length (days):	23	Silage Fed (kg DM/cow):	
Grass Allocation/Cow (kg DM/cow):	13.0	Residual Height (cm):	3.5
No. of Cows:	60		
Concentrate Fed (kg/cow):	4.0		

**Cover Parameters**

Grass Allocation/LU (kg DM/LU):	13.0	Growth Rate (kg/ha/day):	71
Total Livestock (LU):	60.0	Farm Demand (kg DM/ha/day):	52
Farm Cover (kg DM/ha):	624	Target Pre-grazing yield (kg DM/ha):	1190
Farm Cover (kg DM/LU):	157		
Stocking Rate (LU/ha):	3.98		



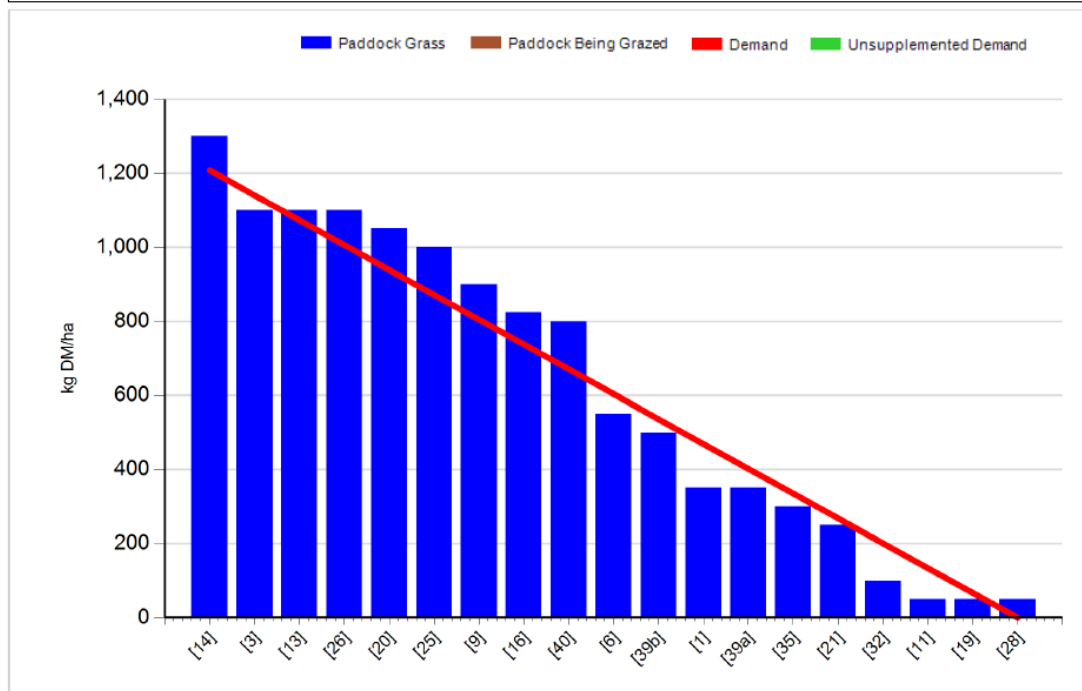
1. Farm cover is 624 kg DM / ha which is similar to last week.
2. Growth rate is 71kg DM / ha this week. There is 25% of the area closed for silage. Paddocks closed for silage have been topped up with 30 units of CAN and will be cut in mid-May.
3. Pre-grazing yield is below target so we are feeding 4kg of concentrate until the cover increases to 1400kg DM / ha.
4. Grazing down to 4.2cm on average. Ground conditions have deteriorated over the past few days with some paddocks too wet to graze which is reducing our options ( 2 of the paddocks above 1000kg DM cover are too wet to graze).
5. Started AI on the 28<sup>th</sup> of April, 38% submitted in the first week.

### C. Late Group

Rotation Length (days):	23	Silage Fed (kg DM/cow):	0.0
Grass Allocation/Cow (kg DM/cow):	15.0	Residual Height (cm):	3.5
No. of Cows:	59		
Concentrate Fed (kg/cow):	2.0		

#### Cover Parameters

Grass Allocation/LU (kg DM/LU):	15.0	Growth Rate (kg/ha/day):	67
Total Livestock (LU):	59.0	Farm Demand (kg DM/ha/day):	52
Farm Cover (kg DM/ha):	601	Target Pre-grazing yield (kg DM/ha):	1208
Farm Cover (kg DM/LU):	172		
Stocking Rate (LU/ha):	3.50		



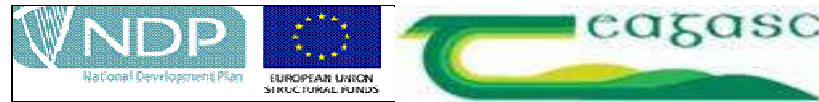
1. Farm cover is 601 kg DM / ha which has increased from 571kg DM / ha last week.
2. Growth rate was 67kg DM / ha and demand is 52kg DM / ha.
3. 15% of the farm has been closed for silage; more will be closed when cover per cow rises above 180kg DM / cow.

4. Pre – grazing yield is below target so 2 kg of concentrate is being fed until we hit the target of 1400kg DM / ha.
5. Grazing out to 4.3cm on average.
6. AI due to start on the 12<sup>th</sup> of May.

**D. Critical short term actions :**

- Focus on good heat detection.
- Start to AI heifers.
- Feeding concentrate to increase pre grazing yield.

[www.agresearch.teagasc.ie/moorepark/](http://www.agresearch.teagasc.ie/moorepark/)



Date : 04/05/2014 Mean calving date	Early 25 <sup>th</sup> Feb		Late 10 <sup>th</sup> March	
	FR	JFX	FR	JFX
<b>Stocking rate (cows/ha)</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>
Milk yield (kg/cow/day)	27.5	24.2	27.7	25.0
% Fat	4.05	4.26	4.21	4.28
% Protein	3.51	3.64	3.58	3.60
% Lactose	4.93	4.99	4.90	4.90
Milk solids (kg/cow/day)	2.08	1.92	2.16	1.97
Supplement (kg/cow/day)				
Concentrate	2	2	1	1
Silage	0	0	0	0
<b>Cumulative</b>				
Milk yield (kg/cow)	1,747	1,625	1,404	1,371
% Fat	4.09	4.32	4.48	4.44
% Protein	3.22	3.37	3.40	3.41
% Lactose	5.00	5.05	4.93	4.87
Milk solids (kg/cow)	128	125	111	108
Weight	468	443	500	439
Body Condition Score	2.86	2.96	2.80	2.81
Supplement (kg/cow)				
Concentrate		225		166
Silage to milking cows (kg DM/cow)		125		80
Conserved silage (kg DM/cow)		0		0

