

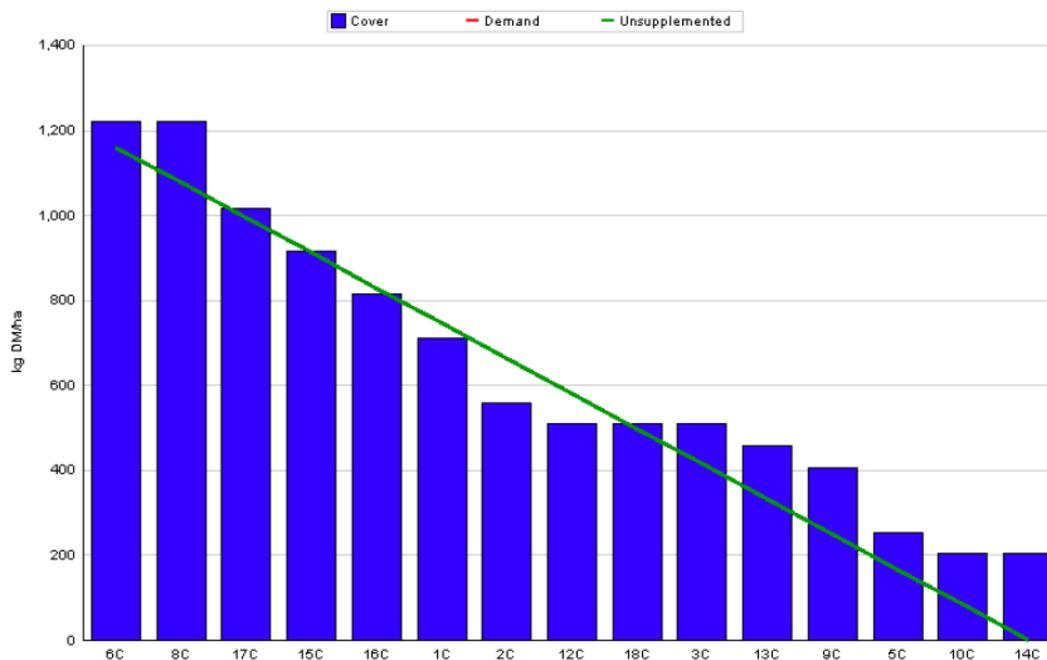
## Curtins Farm Walk Notes Tuesday 15-05-12

### Low Stocking Rate Group (2.5 Cows/ha)

#### Situation

**Figure 1. Low Stocking Rate Feed Wedge**

Moorepark Animal & Grassland Research and Innovation Centre		GrazePlan - Grass Measurement Report	
Group : TEAGASC RESEARCH FARMS		Date Produced 16-MAY-12	
Farm : Curtins Farm		Effect of stocking rate and calving date on animal performance	
Date : 14-MAY-12		Treatment : Low SR	
Rotation Length :	21	Grass Allocation /LU (kg DM/LU) :	18
Number of Cows :	23	Farm Cover (kg DM/ha) :	636
Grass Allocation /cow (kg grass dry matter/LU	18	Farm Cover (kg DM/LU) :	207
Concentrate Fed (kg/cow) :	0		
Silage Fed (kg DM/cow) :	0		
N Application Rate (units/acre) :		Stocking Rate (LU/ha) :	3.07
N Application Rate (kg/ha) :		Growth Rate :	56
Residual Height :	4	Farm Demand (kg DM/ha/day) :	55
Total Livestock (LU) :	23	Target pregrazing yield (kg DM/ha) :	1161



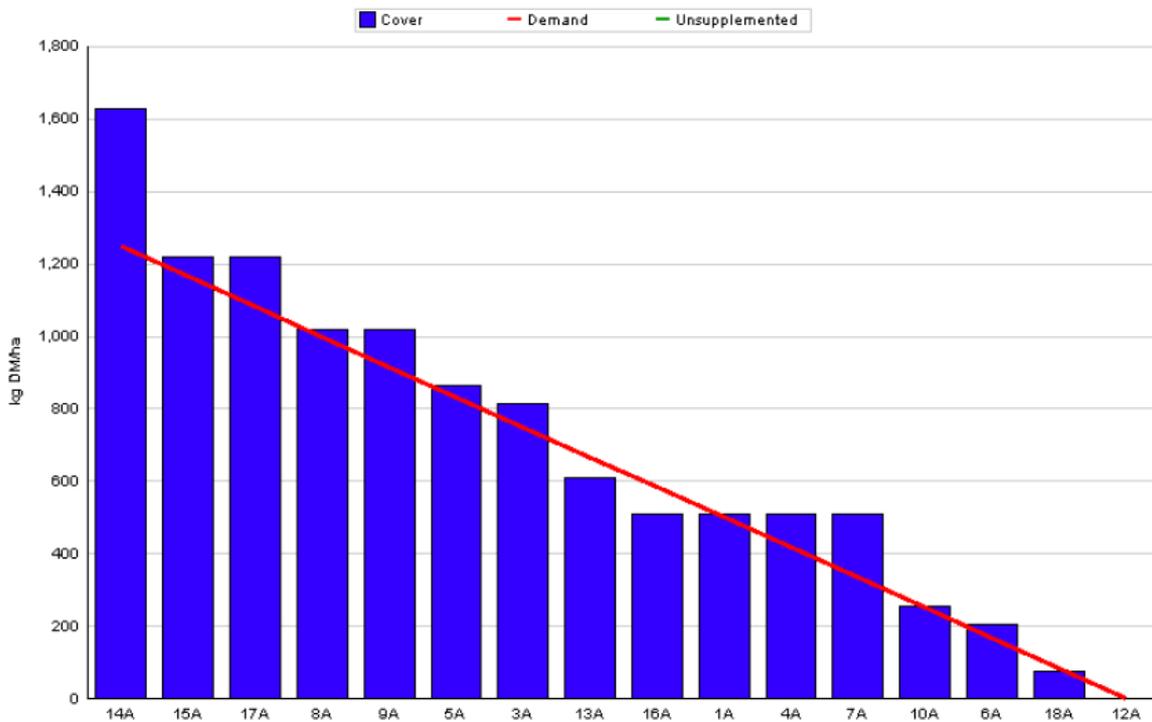
- Average Farm Cover for this week is 636kg/ha (207/cow). Growth rate for this group over the past 7 days was 56kg/day.
- All concentrate has been removed and cows are now on an all grass diet. Paddock 4 was skipped for silage this week. 12% of the total farm area is now closed for silage.
- Stocking rate is now 3.07cows/ha and demand is 55kg/day.
- Average pre-grazing yield is 1200kg and residency time per paddock is between 36 and 48 hours.

## High Stocking Rate Group (3.3 Cows/ha)

### Situation

Figure 5. High Stocking Rate Feed Wedge

Moorepark Animal & Grassland Research and Innovation Centre		GrazePlan - Grass Measurement Report	
Group : TEAGASC RESEARCH FARMS		Date Produced	16-MAY-12
Farm : Curtins Farm	Effect of stocking rate and calving date on animal performance		
Date : 14-MAY-12	Treatment :	High SR	
Rotation Length :	21	Grass Allocation /LU (kg DM/LU) :	16
Number of Cows :	23	Farm Cover (kg DM/ha) :	689
Grass Allocation /cow (kg grass dry matter/LU)	16	Farm Cover (kg DM/LU) :	185
Concentrate Fed (kg/cow) :	0	Current Monthly Fertilizer Rate (kg/ha) :	
Silage Fed (kg DM/cow) :	0	Stocking Rate (LU/ha) :	3.72
N Application Rate (units/acre) :		Growth Rate :	57
N Application Rate (kg/ha) :		Farm Demand (kg DM/ha/day) :	59
Residual Height :	3	Target pregrazing yield (kg DM/ha) :	1248
Total Livestock (LU) :	23		



- Average farm cover this week is 689kg/ha (185/cow). Growth rate over the past 7 days was 57kg/day. No supplement is being fed.

- Paddock 2 was skipped for silage this week. Total area closed for silage is 5.2%.
- Stocking rate is 3.72cows/ha and demand is 59kg/day. Pre-grazing yield is on average 1400kg DM.

### **Whole Farm Situation**

1. 20 units SulCAN/acre is being spread after grazing during May.
2. Residency time per paddock is between 36 and 48 hours depending on grazing conditions which have been difficult at times.
3. Latest milk composition details from the processor are: Fat 4.55%, Protein 3.62%, Lactose 4.75% and SCC 212k.
4. Magnesium, selenium, cobalt, copper, zinc and iodine are being supplemented daily through the water supply via a Dosatron pump.
5. Block 11 was sprayed with *Roundup Biactive* at a rate of 5l/ha on Saturday 31<sup>st</sup> March. This was grazed 7 days later and was reseeded using a 'one-pass' machine on Friday 20<sup>th</sup> of April. 3t/acre of lime and 2.7 bags/acre of 10:10:20 was applied at time of sowing. A monoculture of the tetraploid *Aston Energy* was sown with *Chieftan* clover.
6. Mating started on the 26<sup>th</sup> of April. 36% of the bulls used will be Norwegian Red (BSJ & EKE), 35% will be Friesian (MWH, KNW, MJD, MOK, TJF) and 29% will be Jersey (HWY, ASV, WTL, TIO).

