

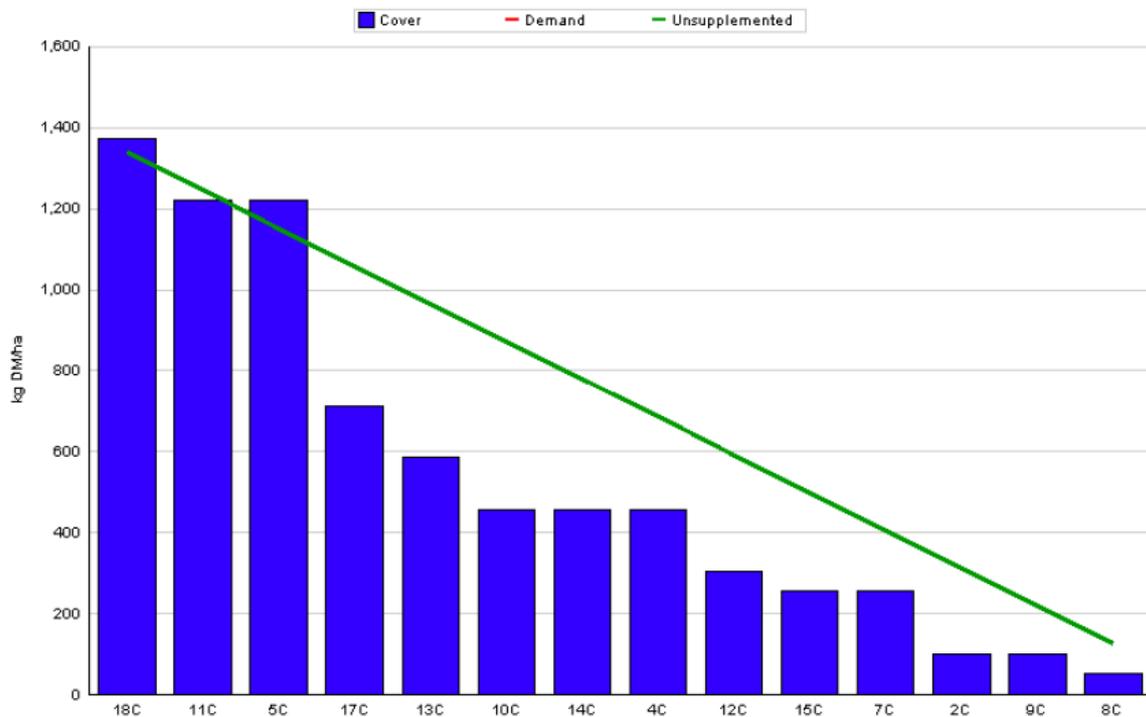
## Curtins Farm Walk Notes Tuesday 21-06-11

### 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 21-JUN-11	
Farm : Curtins Farm		Effect of stocking rate and calving date on animal performance	
Date : 20-JUN-11		Treatment : Low SR	
Rotation Length :	21	Farm Cover (kg DM/ha) :	537
Grass Allocation /cow (kg grass dry matter/LU	18	Farm Cover (kg DM/LU) :	167
Concentrate Fed (kg/cow) :	0		
Silage Fed (kg DM/cow) :	0		
N Application Rate (units/acre) :		Stock Rate (LU/ha) :	3.21
N Application Rate (kg/ha) :		Growth Rate :	48
Residual Height :	4.5	Farm Demand (kg DM/ha/day) :	58
Total Livestock (LU) :	23	Target pregrazing yield (kg DM/ha) :	1339



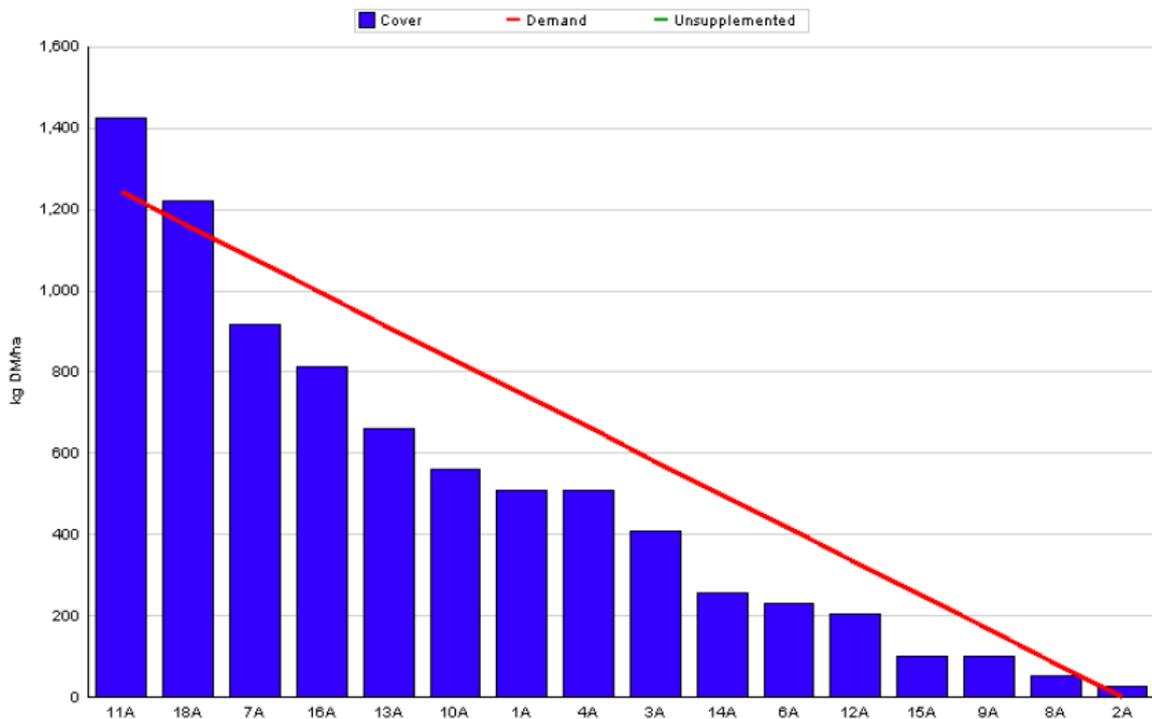
- Average farm cover for this week is 537kg/ha (167kg/cow). Average growth rate over the past 7 days on this farmlet was 48kg which is back on last week.
- As can be seen in Figure 1, there is a deficit in the wedge. We are approximately 7 days away from grazing the first low paddock (paddock 13). We are not overly concerned about this at the moment as we expect a lift in growth rates over the coming days as we have had a lot of rain and there is more rain forecast along with warmer temperatures.
- Stocking rate is 3.21cows/ha. Cows are currently grazing block 17, residency time per paddock is 48 hours. Cows are grazing to between 4.5 and 5cm.

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

### Situation

Figure 2. High Stocking Rate Feed Wedge

Moorepark Animal & Grassland Research and Innovation Centre		GrazePlan - Grass Measurement Report	
Group : TEAGASC RESEARCH FARMS		Date Produced	21-JUN-11
Farm : Curtins Farm		Effect of stocking rate and calving date on animal performance	
Date : 20-JUN-11		Treatment :	High SR
Rotation Length :	21	Farm Cover (kg DM/ha) :	512
Grass Allocation /cow (kg grass dry matter/LU)	16	Farm Cover (kg DM/LU) :	138
Concentrate Fed (kg/cow) :	0	Current Monthly Fertilizer Rate (kg/ha) :	
Silage Fed (kg DM/cow) :	0	Stock Rate (LU/ha) :	3.70
N Application Rate (units/acre) :		Growth Rate :	55
N Application Rate (kg/ha) :		Farm Demand (kg DM/ha/day) :	59
Residual Height :	3.5	Target pregrazing yield (kg DM/ha) :	1242
Total Livestock (LU) :	23		



- Average farm cover this week is 512kg/ha (138/cow). Growth rate over the past 7 days on this farmlet was 55kg/day.

- As can be seen in Figure 2 we have a relatively even wedge with a slight deficit throughout. No paddocks have been skipped this week.
- Cows are currently grazing block 6. Residency time per paddock is 48 hours. Cows in this farmlet must graze to the target residual of between 3 and 3.5cm.

### **Whole Farm Situation**

1. Average growth rate over the last 7 days was 52kg.
2. The breeding season commenced on the 27<sup>th</sup> of April. 70% of the herd are getting Jersey AI while the remainder getting Friesian AI. Bulls being used are ABT, HWY, PKU, KJW, HZS, MWH, WGM, CBH, TKY, BHQ & CWJ. Angus AI sires will be used from 26<sup>th</sup> June onwards.
3. All cows have been vaccinated for Leptospirosis and BVD.
4. Silage was cut on the 16<sup>th</sup> of May average yield was 7 bales/acre. 2500gls of slurry was applied to 60% of the area that was cut.
5. Fertiliser is being spread at a rate of 18units of Sulphur CAN/acre.
6. Latest milk composition details from the processor are: Fat 4.31%, Protein 3.55%, Lactose 4.79%, Sediment A, Thermoduric 35, SCC 121k, TBC 18k

