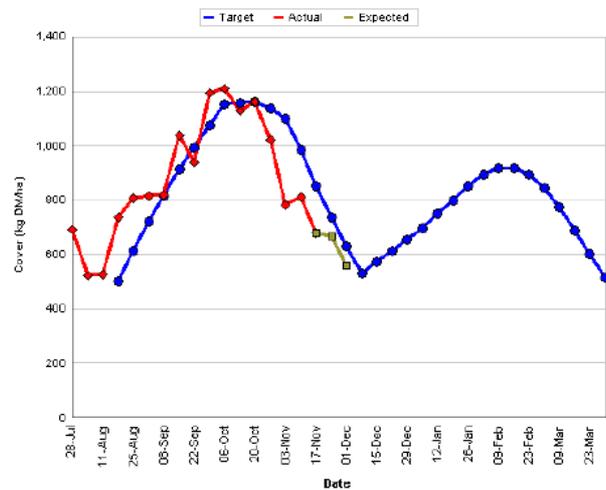
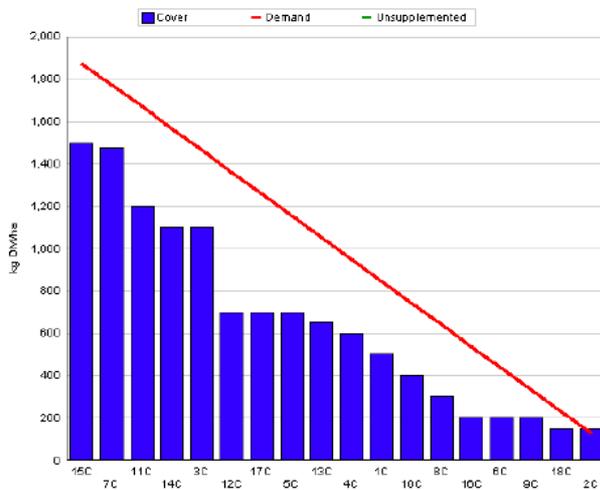


Curtins Farm Walk Notes Monday 12-11-12

Low Stocking Rate Group (2.5 Cows/ha)

Moorepark Animal & Grassland Research and Innovation Centre		GrazePlan - Grass Measurement Report	
Group	TEAGASC RESEARCH FARMS	Date Produced 12-NOV-12	
Farm	Curtins Farm	Effect of stocking rate and calving date on animal performance	
Date	12-NOV-12	Treatment	Low SR

Number of Cows :	20	Grass Allocation /LU (kg DM/LU) :	16.0
Grass Allocation /Cow (kg DM/Cow) :	16	Farm Cover (kg DM/ha) :	678
Concentrate Fed (kg/cow) :	3	Farm Cover (kg DM/LU) :	310
Silage Fed (kg DM/cow) :	0	Stock Rate (LU/ha) :	2.19
N Application Rate (units/acre) :		Growth Rate :	44
N Application Rate (kg/ha) :		Farm Demand (kg DM/ha/day) :	35
Residual Height :	4.5	Target pregrazing yield (kg DM/ha) :	1876
Total Livestock (LU) :	20	Forecast Growth Week 1 and 2:	33 18



Low Stocking Rate Group (2.5 Cows/ha)

Situation

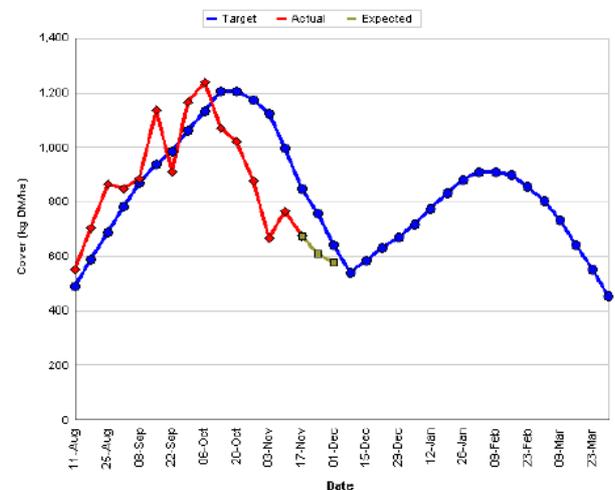
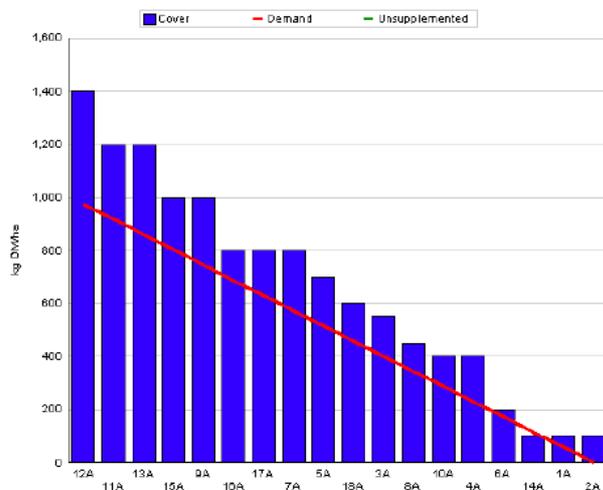
Figure 1. Low Stocking Rate Feed Wedge and Average Farm Cover Track

- Average Farm Cover for this week is 678kg/ha (310/cow). Growth rate for this group over the past 7 days was 44 kg/day (12 kg last week)
- As can be seen in Figure 1, the average farm cover is behind target for this time (red line). The green line indicates the expected average farm cover over the next two weeks while the blue line is the target average farm cover for Autumn and Spring.
- Concentrate is being fed at a rate of 3kgs per head per day and the all cows have been housed by night since Saturday 10th November in order to stretch out remaining grass.
- Pre-grazing yields are at 1500kg and cows are currently grazing paddock 7. Grass is being allocated on a 12hour basis.

High Stocking Rate Group (3.3 Cows/ha)

Moorepark Animal & Grassland Research and Innovation Centre		GrazePlan - Grass Measurement Report	
Group	TEAGASC RESEARCH FARMS	Date Produced 12-NOV-12	
Farm	Curtins Farm	Effect of stocking rate and calving date on animal performance	
Date	12-NOV-12	Treatment : High SR	

Number of Cows :	17	Grass Allocation /LU (kg DM/LU) :	8.0
Grass Allocation /Cow (kg DM/Cow) :	8	Farm Cover (kg DM/ha) :	676
Concentrate Fed (kg/cow) :	3	Farm Cover (kg DM/LU) :	277
Silage Fed (kg DM/cow) :	5	Current Monthly Fertilizer Rate (kg/ha) :	
N Application Rate (units/acre) :		Stock Rate (LU/ha) :	2.44
N Application Rate (kg/ha) :		Growth Rate :	13
Residual Height :	3.75	Farm Demand (kg DM/ha/day) :	19
Total Livestock (LU) :	17	Target pregrazing yield (kg DM/ha) :	974
		Forecast Growth Week 1 and 2:	10 5



Situation

Figure 2. High Stocking Rate Feed Wedge and Average Farm Cover Track

- Average farm cover this week is 676kg/ha (277/cow). Growth rate over the past 7 days was 13kg per day (41kg last week).
- As can be seen in Figure 2, the average farm cover has recovered this week. We are below target for this time of year (red line). The green line indicates the expected average farm cover over the next two weeks while the blue line is the target average farm cover for Autumn and Spring.
- 3kg of concentrate is being fed per cow per day in order to extend the grazing season and the High stocking rate group were housed by night on 5kg DM of silage to stretch grass supply for the next 5 days.
- Pre-grazing yield is at 800kg and grass is being allocated on a 12 hour basis as ground conditions have improved on last week.

- We will have dried off 30% of the high stocking rate groups to reduce demand (dried once yield drops below 8kgs).
- Cows are currently grazing paddock 7 and this is the last paddock that will be grazed with this group for 2012.
- Animals in the high SR treatment will be completely housed in 5 days to leave sufficient grass for spring.

Whole Farm Situation

1. Latest milk composition details from the processor are: Fat 5.10%, Protein 4.39%, Lactose 4.52% and SCC 245k.
2. A further 20 cows will be dried this week based on calving date, body condition score and milk yield.
3. All empty cows will be sold out of the parlour this week.

