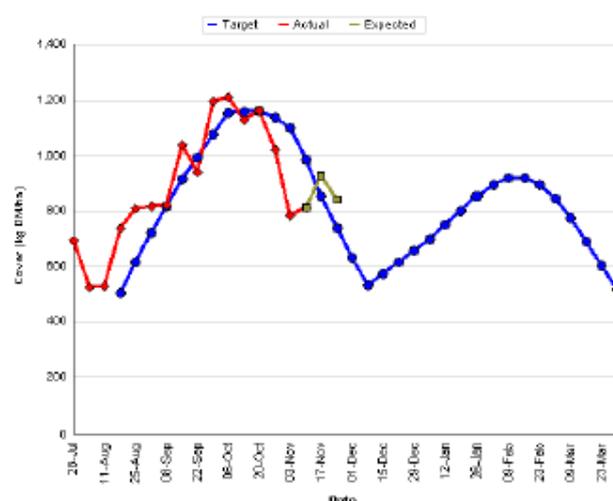
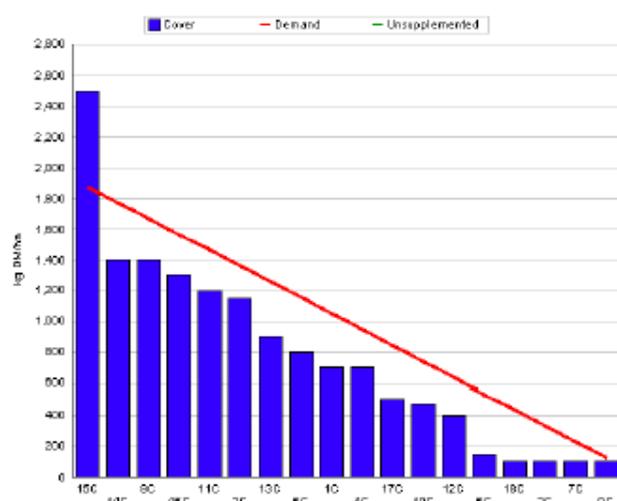


Curtins Farm Walk Notes Tuesday 05-11-12

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 : 06-NOV-12	
Farm : Curtins Farm		Effect of stocking rate and calving date on animal performance	
Date : 05-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) :	810
Concentrate Fed (kg/cow) :	3	Farm Cover (kg DM/LU) :	370
Silage Fed (kg DM/cow) :	0	Stock Rate (LU/ha) :	2.19
N Application Rate (units/acre) :		Growth Rate :	59
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:	52 39



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 810kg/ha (370/cow). Growth rate for this group over the past 7 days was 12 kg/day (59 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 lowest yielding 13% of the herd were dried off last week. This will reduce demand to 35kg/day. Further supplementation may be required over the next few weeks depending on weather conditions and expected grass growth.

- Pre-grazing yields are at 2500kg and cows are currently grazing paddock 16. Grass is being allocated on a 24hour basis this will change if weather conditions deteriorate.

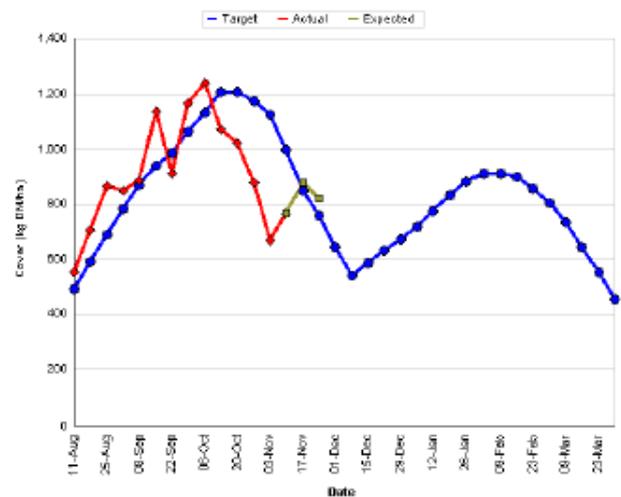
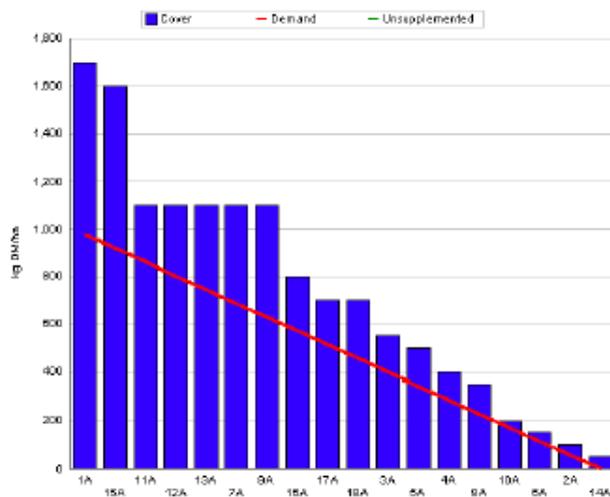
High Stocking Rate Group (3.3 Cows/ha)

Situation

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

Moorepark Animal & Grassland Research and Innovation Centre		GrazePlan - Grass Measurement Report	
Group	TEAGASC RESEARCH FARMS	Date Produced	06-NOV-12
Farm	Curtins Farm	Effect of stocking rate and calving date on animal performance	
Date	05-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) :	764
Concentrate Fed (kg/cow) :	3	Farm Cover (kg DM/LU) :	314
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 :	41
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:	36 27



- Average farm cover this week is 764kg/ha (314/cow). Growth rate over the past 7 days was 41kg per day (23kg 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 10 days.

- Pre-grazing yield is at 1700kg 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 14.
- Animals in the high SR treatment will be completely housed in 10 days to leave sufficient grass for spring.

Whole Farm Situation

1. Latest milk composition details from the processor are: Fat 5.16%, Protein 4.36%, Lactose 4.48% and SCC 245k.