

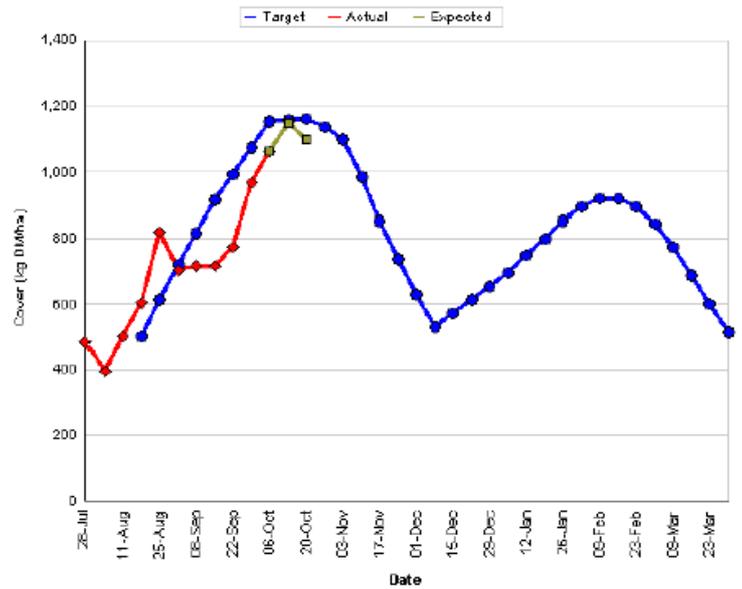
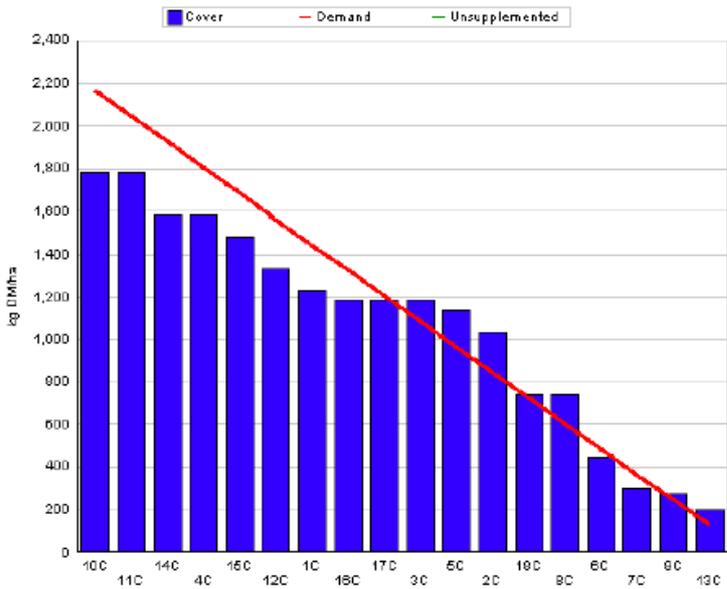
Curtins Farm Walk Notes Tuesday 04-10-11

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 : 04-OCT-11	
Farm : Curtins Farm		Effect of stocking rate and calving date on animal performance	
Date : 03-OCT-11		Treatment : Low SR	
Rotation Length : 45 Grass Allocation /cow (kg grass dry matter/LL) : 18 Concentrate Fed (kg/cow) : 0 Silage Fed (kg DM/cow) : 0 N Application Rate (units/acre) : N Application Rate (kg/ha) : Residual Height : 4.5 Total Livestock (LU) : 23		Farm Cover (kg DM/ha) : 1063 Farm Cover (kg DM/LU) : 422 Current Monthly Fertilizer Rate (kg/ha) : Stock Rate (LU/ha) : 2.52 Growth Rate : 62 Farm Demand (kg DM/ha/day) : 45 Target pregrazing yield (kg DM/ha) : 2163 Forecast Growth Week 1 and 2: 58 51	



- Average farm cover for this week is 1063kg/ha (422kg/cow) which is a further increase on last weeks figure. Farm cover is now just below target for this group (1063kg actual versus 1170kg target). Average growth rate over the past 7 days on this farmlet was 62kg, (last week was 69kg).
- No action has been taken this week. Even with a 10% reduction in growth during the coming week we will still be on target average farm cover by next Monday (yellow line).

- Cows are on an all grass diet and are currently grazing block 17, paddocks are being split and residency time per segment is 36 hours. Cows are grazing to between 4 and 4.5cm.
- Pre-grazing yields are 1800 and conditions are excellent.
- Rotation length has increased to 45 days (peak).

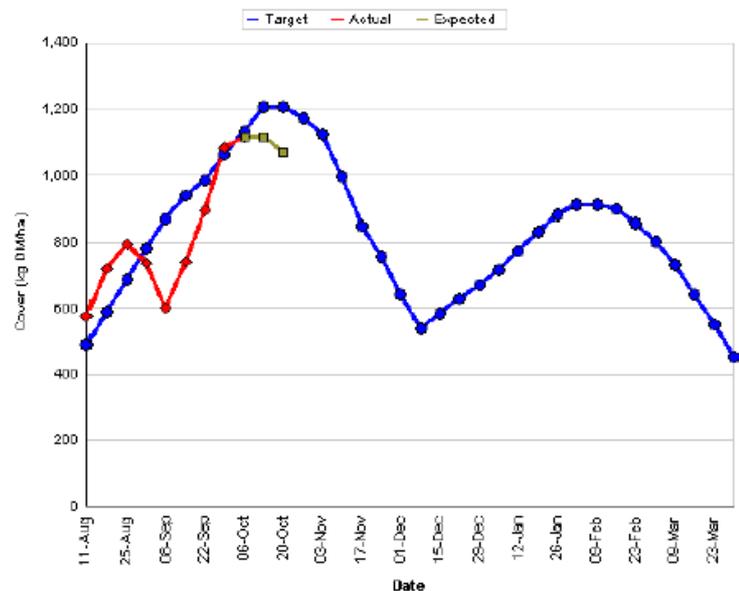
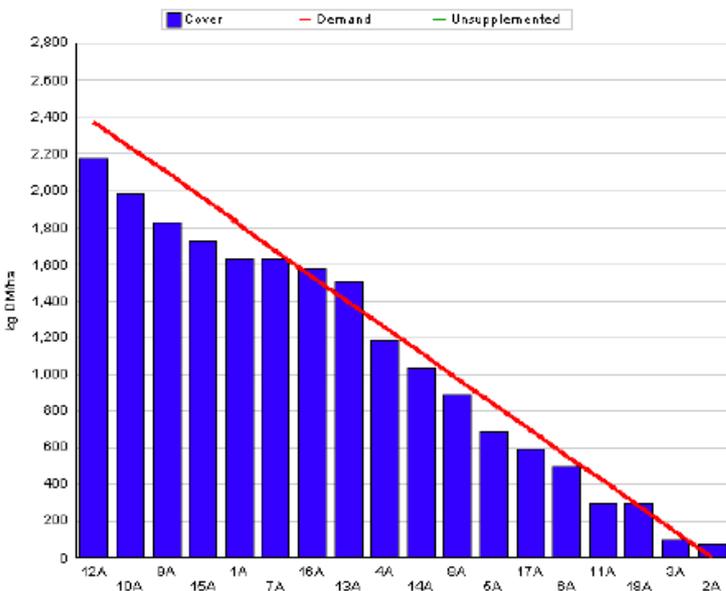
High Stocking Rate Group (3.3 Cows/ha)

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	04-OCT-11
Farm	Curtins Farm	Effect of stocking rate and calving date on animal performance	
Date	03-OCT-11	Treatment	High SR

Rotation Length :	45	Farm Cover (kg DM/ha) :	1114
Grass Allocation /cow (kg grass dry matter/LL)	16	Farm Cover (kg DM/LU) :	338
Concentrate Fed (kg/cow) :	0	Current Monthly Fertilizer Rate (kg/ha) :	
Silage Fed (kg DM/cow) :	0	Stock Rate (LU/ha) :	3.30
N Application Rate (units/acre) :		Growth Rate :	62
N Application Rate (kg/ha) :		Farm Demand (kg DM/ha/day) :	53
Residual Height :	3.5	Target pregrazing yield (kg DM/ha) :	2372
Total Livestock (LU) :	23	Forecast Growth Week 1 and 2:	53 47



- Average farm cover this week is 1114kg/ha (338/cow) which is a slight increase on last weeks figure. We remain on target. Growth rate for this week was 62kg/day (last week 67kg).
- No action has been taken this week, cows remain on an all grass diet. They are currently grazing paddock 14. Paddocks are being split in half and residency time per segment is 36 hours.

- Based on a predicted 10% reduction in growth over the next 7 days we will be behind target average farm by next Monday. However, we do not feel supplements are justified at this time.
- Rotation length has increased to 45 days (peak).
- Cows in this farmlot 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 61kg.
2. Fertiliser was blanket spread over the whole farm at a rate of 27units CAN/acre during the first week of September. That was the last application for the year and will bring total N spread this season to 250kgN/ha.
3. Latest milk composition details from the processor are: Fat 5.07%, Protein 4.09%, Lactose 4.71%, Sediment B, Thermoduric 0, SCC 212k, TBC 29k

