

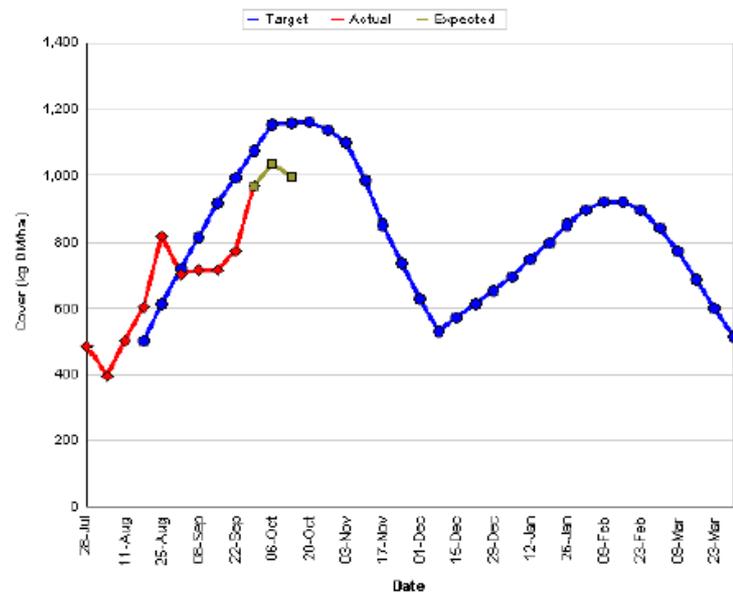
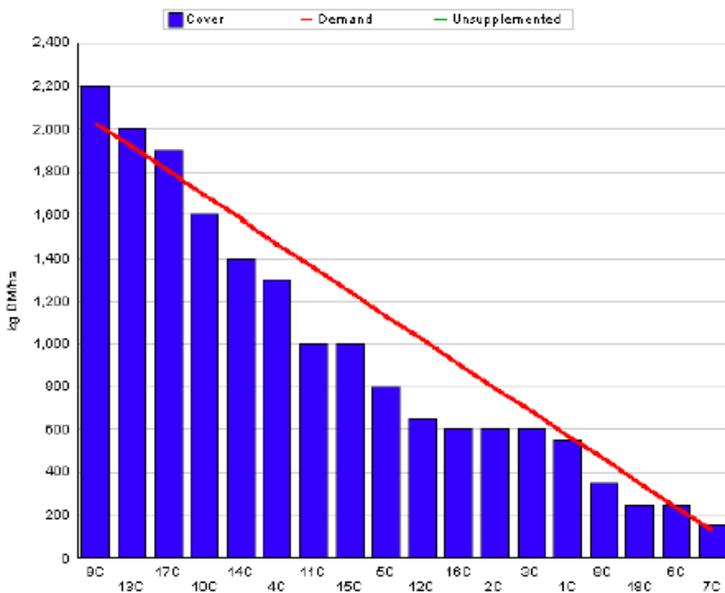
Curtins Farm Walk Notes Tuesday 27-09-11

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 : 26-SEP-11	
Farm : Curtins Farm		Effect of stocking rate and calving date on animal performance	
Date : 26-SEP-11		Treatment : Low SR	
Rotation Length :	42	Farm Cover (kg DM/ha) :	968
Grass Allocation /cow (kg grass dry matter/LL	18	Farm Cover (kg DM/LU) :	385
Concentrate Fed (kg/cow) :	0	Current Monthly Fertilizer Rate (kg/ha) :	
Silage Fed (kg DM/cow) :	0	Stock Rate (LU/ha) :	2.52
N Application Rate (units/acre) :		Growth Rate :	69
N Application Rate (kg/ha) :		Farm Demand (kg DM/ha/day) :	45
Residual Height :	4.5	Target pregrazing yield (kg DM/ha) :	2027
Total Livestock (LU) :	23	Forecast Growth Week 1 and 2:	55 49



- Average farm cover for this week is 968kg/ha (385kg/cow) which is a significant increase on last weeks figure. Farm cover is now just below target for this group (968kg actual versus 1030kg target). Average growth rate over the past 7 days on this farmlet was 69kg, (last week was 52kg).

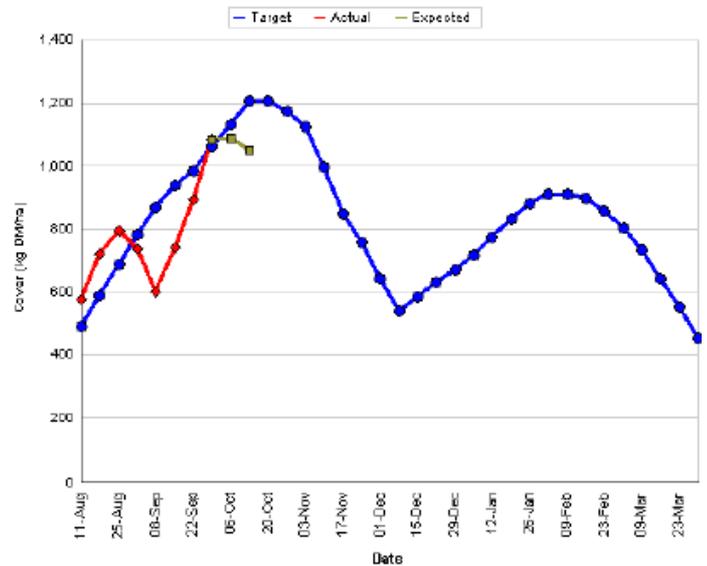
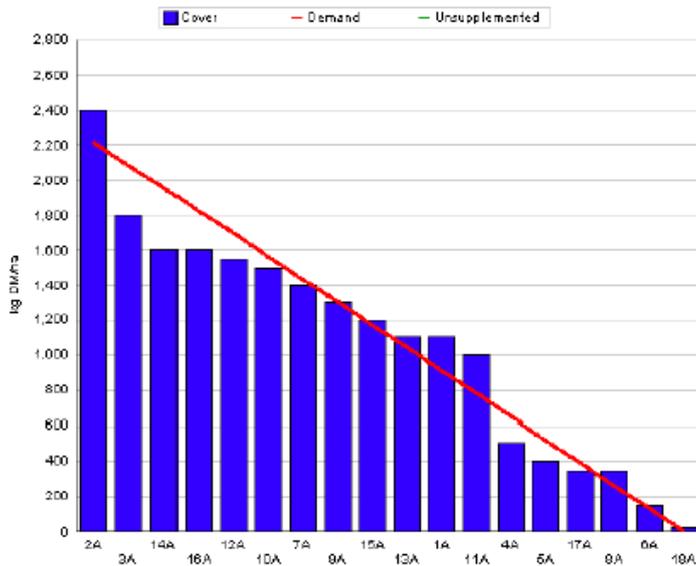
- We expect growth rate to remain at this level for the coming week (high temperatures forecasted). If this occurs we will be back on target by next Monday so the supplement has been removed from the diet and cows are on an all grass allocation.
- Cows are currently grazing block 7, paddocks are being split and residency time per segment is 36 hours. Cows are grazing to between 4.5 and 5cm.
- Rotation length has increased to 42 days. This will be increased incrementally to 45 days by the 1st of October.

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 27-SEP-11	
Farm	Curtins Farm	Effect of stocking rate and calving date on animal performance	
Date	26-SEP-11	Treatment : High SR	
Rotation Length :	42	Farm Cover (kg DM/ha) :	1082
Grass Allocation /cow (kg grass dry matter/LL	16	Farm Cover (kg DM/LU) :	328
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 :	67
N Application Rate (kg/ha) :		Farm Demand (kg DM/ha/day) :	53
Residual Height :	3.5	Target pregrazing yield (kg DM/ha) :	2214
Total Livestock (LU) :	23	Forecast Growth Week 1 and 2:	53 48



- Average farm cover this week is 1082kg/ha (328/cow) which is a substantial increase on last weeks figure and brings us back on target. Growth rate for this week was 67kg/day (last week 58kg).
- Supplement has been removed from the diet.
- Rotation length has increased to 42 days. This will be increased incrementally to 45 days by the 1st of October.

- Cows are currently grazing paddock 11, paddocks are being split and residency time per segment is 36 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 67kg.
2. Fertiliser was blanket spread over the whole farm at a rate of 27units CAN/acre during the first week of November. 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 4.61%, Protein 4.20%, Lactose 4.69%, Sediment B, Thermoduric 0, SCC 198k, TBC 11k

