

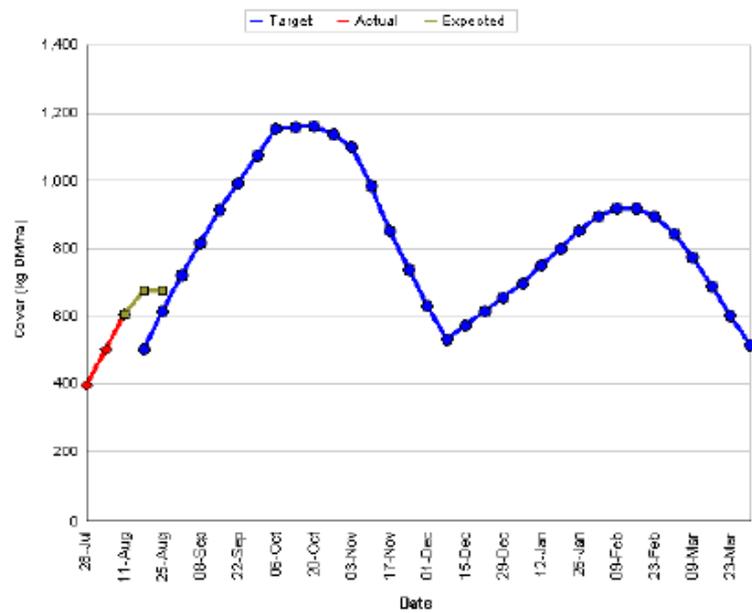
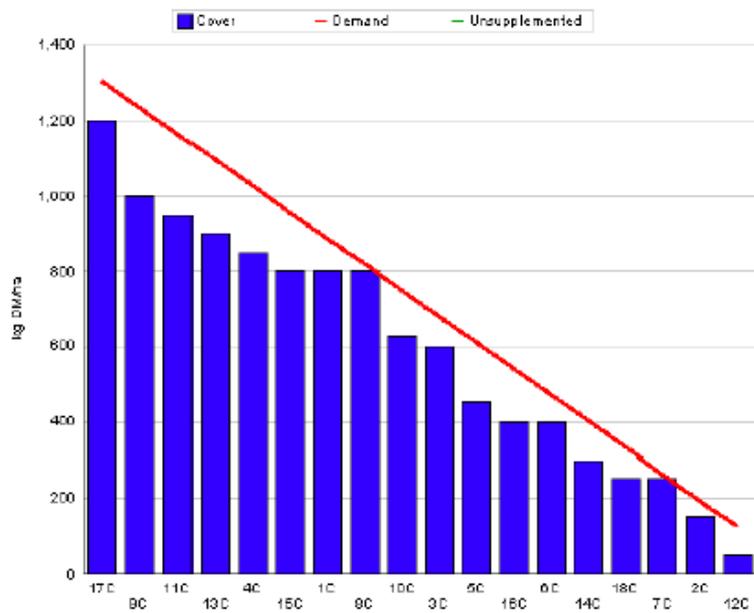
Curtins Farm Walk Notes Tuesday 16-08-11

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 : 16-AUG-11	
Farm : Curtins Farm		Effect of stocking rate and calving date on animal performance	
Date : 15-AUG-11		Treatment : Low SR	
Rotation Length :	28	Farm Cover (kg DM/ha) :	607
Grass Allocation /cow (kg grass dry matter/LL	18	Farm Cover (kg DM/LU) :	241
Concentrate Fed (kg/cow) :	0	Current Monthly Fertilizer Rate (kg/ha) :	56
Silage Fed (kg DM/cow) :	0	Stock Rate (LU/ha) :	2.52
N Application Rate (units/acre) :	4.5	Growth Rate :	56
N Application Rate (kg/ha) :	23	Farm Demand (kg DM/LU/day) :	45
Residual Height :	23	Target pregrazing yield (kg DM/ha) :	1303
Total Livestock :	23	Forecast Growth Week 1 and 2:	55 55



- Average farm cover for this week is 607kg/ha (241kg/cow). Average growth rate over the past 7 days on this farmlet was 56kg, which is almost the same as last week.

- As can be seen in Figure 1, there is still a slight deficit in the feed wedge. However, we are ahead of target in terms of average farm cover for this time (above, right) so no action will be taken.
- Stocking rate is currently 2.52cows/ha. Cows are grazing block 9, residency time per paddock is 36 hours. Cows are grazing to between 4.5 and 5cm.
- Rotation length has increased to 26 days. This will be increased incrementally to 30 days by the 1st of September and 50 days by the end of September.
- Soiled water is being spread at a rate of 3000gls/acre after grazing.

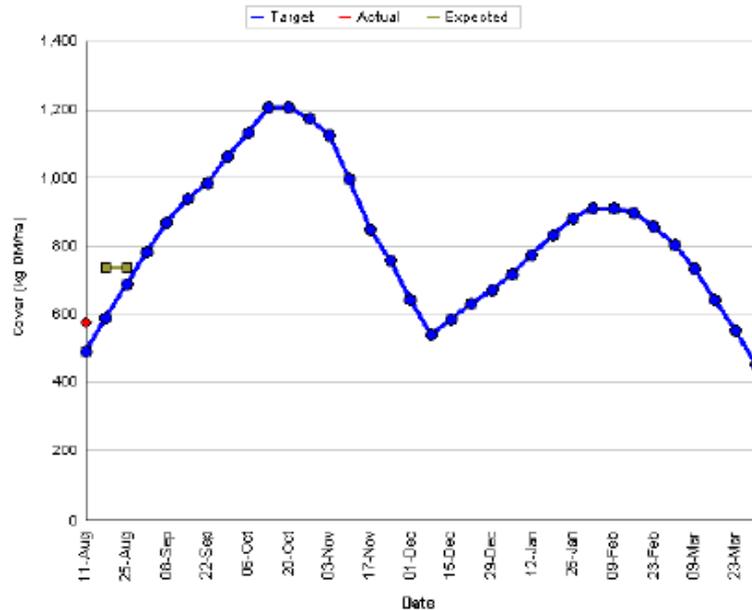
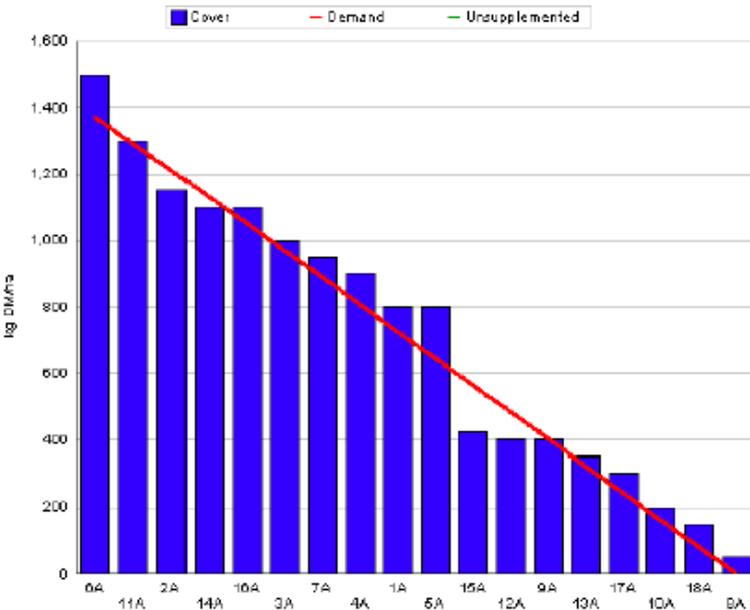
High Stocking Rate Group (3.3 Cows/ha)

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	16-AUG-11
Farm	Curtins Farm	Effect of stocking rate and calving date on animal performance	
Date	15-AUG-11	Treatment	High SR

Rotation Length :	26	Farm Cover (kg DM/ha) :	722
Grass Allocation /cow (kg grass dry matter/LL)	16	Farm Cover (kg DM/LU) :	219
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 :	65
N Application Rate (kg/ha) :		Farm Demand (kg DM/LU/day) :	53
Residual Height :	3.5	Target pregrazing yield (kg DM/ha) :	1371
Total Livestock :	23	Forecast Growth Week 1 and 2:	55 55



- Average farm cover this week is 722kg/ha (219/cow). Growth rate over the past 7 days on this farmlet was 65kg/day.
- As can be seen in figure 2, we have an even shaped wedge and are on target in terms of average farm cover. No action was taken this week.
- Rotation length has increased to 26 days. This will be increased incrementally to 30 days by the 1st of September and 50 days by the end of September.

- Stocking rate is 3.3 cows/ha. Cows are currently grazing paddock 11 and residency time per paddock is 36hours. 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 61kg.
2. The breeding season commenced on the 27th of April and ceased on the 28th of July for the early calving treatment. 70% of the herd were inseminated to Jersey AI while the remainder got Friesian AI. Bulls used were ABT, HWY, PKU, KJW, HZS, MWH, WGM, CBH, TKY, BHQ & CWJ. Angus AI sires are being used since 26th June.
3. Fertiliser was blanket spread over all paddocks on week ending 6th of August at a rate of 30units/acre of Sulphur CAN. The plan is to apply one more blanket spread before the closed period in mid September. This will bring us up to 250kg N/ha and ensure consistency of application.
4. Approximately 3000gls/acre of soiled water is being spread after grazing.
5. Latest milk composition details from the processor are: Fat 4.30%, Protein 3.61%, Lactose 4.69%, Sediment A, Thermoduric 0, SCC 159k, TBC 14k

