

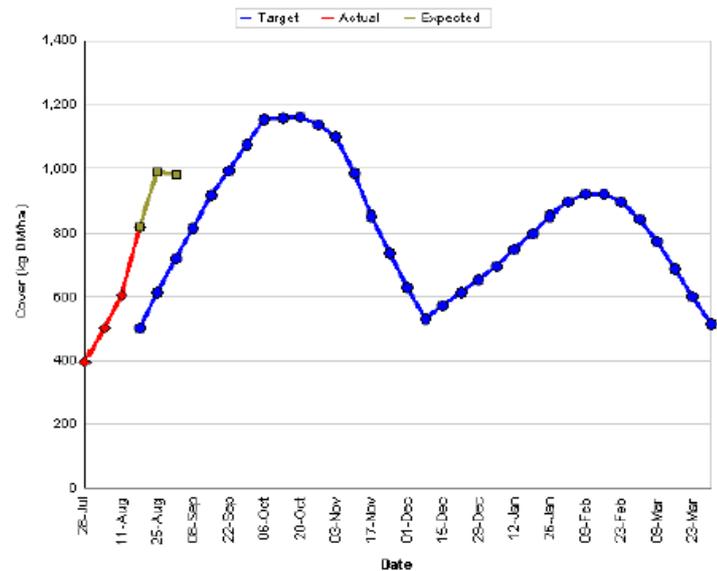
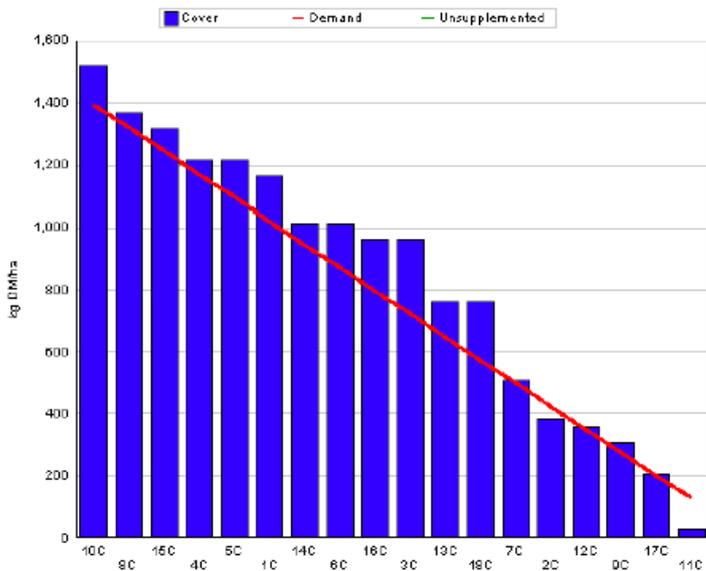
Curtins Farm Walk Notes Tuesday 23-08-11

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 : 23-AUG-11	
Farm : Curtins Farm		Effect of stocking rate and calving date on animal performance	
Date : 22-AUG-11		Treatment : Low SR	
Rotation Length : 28 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 : 23	Farm Cover (kg DM/ha) : 820 Farm Cover (kg DM/LU) : 326 Current Monthly Fertilizer Rate (kg/ha) : Stock Rate (LU/ha) : 2.52 Growth Rate : 71 Farm Demand (kg DM/LU/day) : 45 Target pregrazing yield (kg DM/ha) : 1393 Forecast Growth Week 1 and 2: 69 68		



- Average farm cover for this week is 820kg/ha (326kg/cow). Average growth rate over the past 7 days on this farmlet was 71kg, which is an increase from last week.
- As can be seen in Figure 1, we have a slight surplus in the feed wedge and we are well ahead of target in terms of average farm cover. No action has been taken this week.
- Stocking rate is 2.52cows/ha. Cows are grazing block 13, residency time per paddock is 48 hours. Cows are grazing to between 4.5 and 5cm.

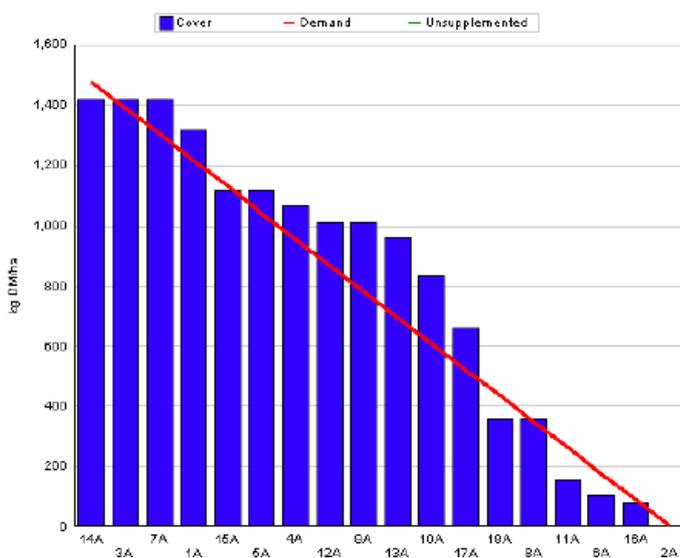
- Rotation length has increased to 28 days. This will be increased incrementally to 30 days by the 1st of September and 50 days by the end of September.

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 23-AUG-11	
Farm	Curtins Farm	Effect of stocking rate and calving date on animal performance	
Date	22-AUG-11	Treatment : High SR	
Rotation Length :	28	Farm Cover (kg DM/ha) :	795
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) :	
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) :	1476
Total Livestock :	23	Forecast Growth Week 1 and 2:	63 62



- Stocking rate is 3.3 cows/ha. Cows are currently grazing paddock 14 and residency time per paddock is 48hours. 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 66kg.
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. Latest milk composition details from the processor are: Fat 4.60%, Protein 3.64%, Lactose 4.62%, Sediment A, Thermoduric 13, SCC 160k, TBC 14k

