

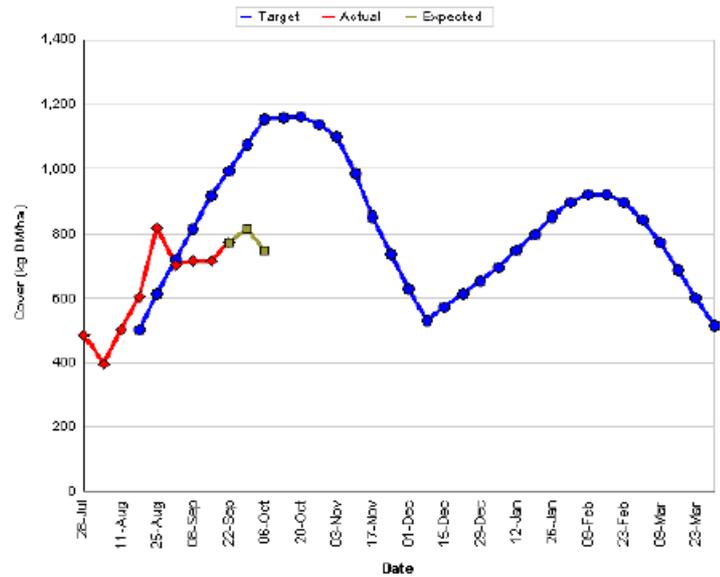
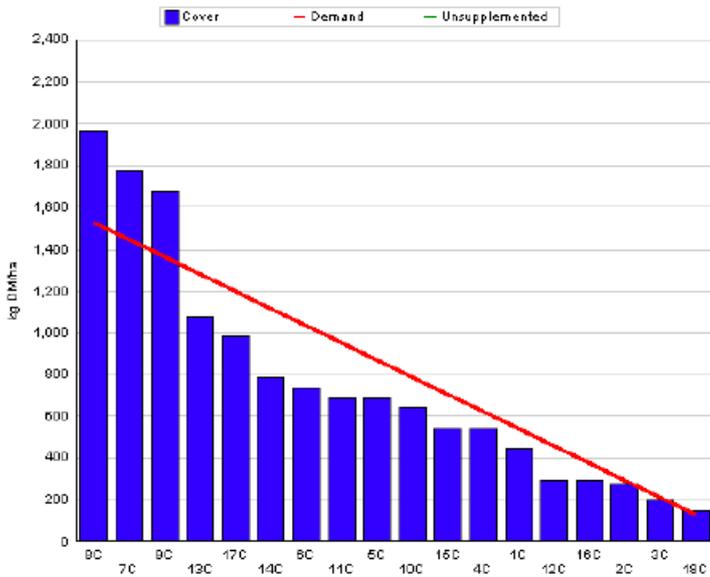
Curtins Farm Walk Notes Tuesday 20-09-11

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 : 20-SEP-11 | |
| Farm : Curtins Farm | | Effect of stocking rate and calving date on animal performance | |
| Date : 19-SEP-11 | | Treatment : Low SR | |
| <hr/> | | | |
| Rotation Length : | 38 | Farm Cover (kg DM/ha) : | 774 |
| Grass Allocation /cow (kg grass dry matter/LL | 16 | Farm Cover (kg DM/LU) : | 307 |
| Concentrate Fed (kg/cow) : | 2.5 | 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 : | 52 |
| N Application Rate (kg/ha) : | | Farm Demand (kg DM/ha/day) : | 40 |
| Residual Height : | 4.5 | Target pregrazing yield (kg DM/ha) : | 1530 |
| Total Livestock (LU) : | 23 | Forecast Growth Week 1 and 2: | 46 37 |



- Average farm cover for this week is 774kg/ha (307kg/cow) which is a slight increase on last weeks figure. Farm cover is now well below target for this group (774kg actual versus 1000kg target). Average growth rate over the past 7 days on this farmlet was 52kg, (last week was 33kg).
- In order to address the situation we are continuing to feed supplement at a rate of 3kg concentrate/day.

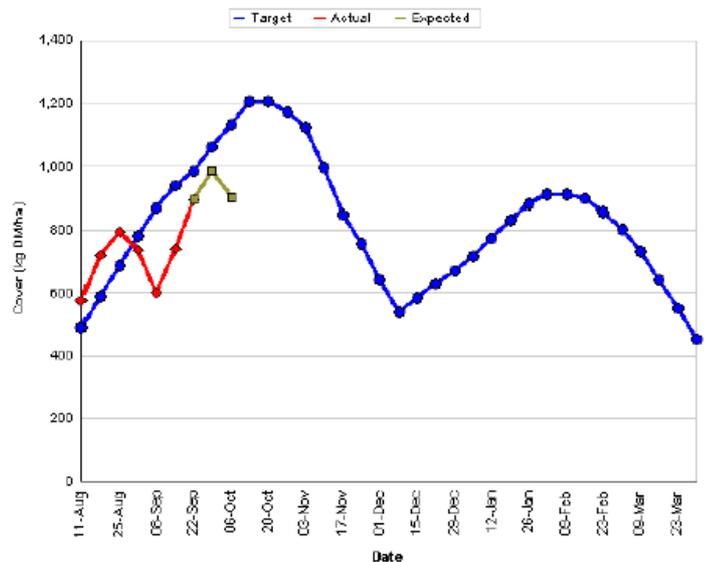
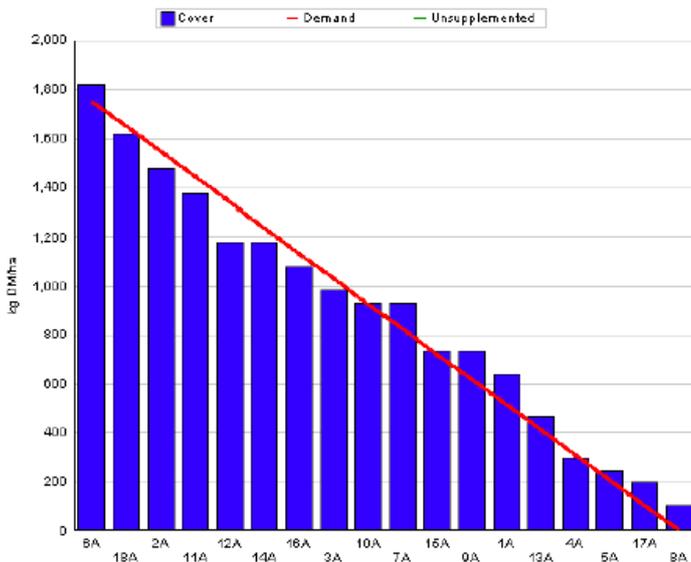
- Cows are currently grazing block 6, residency time per paddock is 36 hours. Cows are grazing to between 4.5 and 5cm.
- Rotation length has increased to 38 days. This will be increased incrementally to 45 days by the 1st of October.

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 20-SEP-11 | |
| Farm | Curtins Farm | Effect of stocking rate and calving date on animal performance | |
| Date | 19-SEP-11 | Treatment : High SR | |
| Rotation Length : | 38 | Farm Cover (kg DM/ha) : | 892 |
| Grass Allocation /cow (kg grass dry matter/LL | 14 | Farm Cover (kg DM/LU) : | 271 |
| Concentrate Fed (kg/cow) : | 2.5 | 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 : | 58 |
| N Application Rate (kg/ha) : | | Farm Demand (kg DM/ha/day) : | 46 |
| Residual Height : | 3.5 | Target pregrazing yield (kg DM/ha) : | 1753 |
| Total Livestock (LU) : | 23 | Forecast Growth Week 1 and 2: | 60 48 |



- Average farm cover this week is 892kg/ha (271/cow) which is a substantial increase on last weeks figure. Growth rate for this week was 58kg/day (last week 61kg). However, we are still below target average farm cover for this week (892kg actual versus 1000kg target).
- Concentrate is being fed at a rate of 3kg/day
- Rotation length has increased to 38 days. This will be increased incrementally to 45 days by the 1st of October.
- Cows are currently grazing paddock 17 and residency time per paddock is 24-36 hours. 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 47kg.
2. Fertiliser was blanket spread over the whole farm at a rate of 27units CAN/acre last week.
This 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 4.82%, Protein 4.02%, Lactose 4.62%, Sediment A, Thermoduric 13, SCC 239k, TBC 15k

