Low Stocking Rate Group (2.5 Cows/ha)

Situation

Figure 1. Low Stocking Rate Feed Wedge

<table>
<thead>
<tr>
<th>Moorepark Animal &amp; Grassland Research and Innovation Centre</th>
<th>GrazePlan - Grass Measurement Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group: TEAGASC RESEARCH FARMS</td>
<td>Date Produced: 21-MAY-12</td>
</tr>
<tr>
<td>Farm: Curtins Farm</td>
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<tr>
<td>Date: 21-MAY-12</td>
<td>Treatment: Low SR</td>
</tr>
</tbody>
</table>

- Rotation Length: 21
- Number of Cows: 23
- Grass Allocation/cow (kg grass dry matter/LU): 18
- Concentrate Fed (kg/cow): 0
- Silage Fed (kg DM/cow): 0
- N Application Rate (units/acre): 4
- N Application Rate (kg/ha): 23
- Residual Height: 23
- Total Livestock (LU): 4
- Grass Allocation /LU (kg DM/LU): 18
- Farm Cover (kg DM/ha): 759
- Farm Cover (kg DM/LU): 200
- Stocking Rate (LU/ha): 3.60
- Growth Rate: 64
- Farm Demand (kg DM/ha/day): 68
- Target pregrazing yield (kg DM/ha): 1435
• Average Farm Cover for this week is 759kg/ha (200/cow). Growth rate for this group over the past 7 days was 64kg/day.
• 3 more paddocks were skipped for silage this week, bringing the total area closed to 27%.
• Stocking rate is now 3.8 cows/ha and demand is 68kg/day.
• Average pre-grazing yield is 1200kg and residency time per paddock is between 36 and 48 hours.
High Stocking Rate Group (3.3 Cows/ha)

Situation

Figure 5. High Stocking Rate Feed Wedge

- Average farm cover this week is 736kg/ha (164/cow). Growth rate over the past 7 days was 65kg/day.
• 3 paddocks were skipped for silage this week. Total area closed for silage is 20%.
• Stocking rate is 4.48cows/ha and demand is 72kg/day. Pre-grazing yield is on average 1400kg DM.

Whole Farm Situation
1. 20 units of SulCAN/acre is being spread after grazing during May.
2. All paddocks that were closed for silage last week and this week have received 60 units of SulCAN per acre. These paddocks will be closed for 4 weeks and allowed to bulk up.
3. Residency time per paddock is between 36 and 48 hours depending on grazing conditions which have been difficult at times.
4. Latest milk composition details from the processor are: Fat 4.42%, Protein 3.64%, Lactose 4.85% and SCC 148k.
5. Magnesium, selenium, cobalt, copper, zinc and iodine are being supplemented daily through the water supply via a Dosatron pump.
6. Block 11 was sprayed with *Roundup Biactive* at a rate of 5l/ha on Saturday 31st March. This was grazed 7 days later and was reseeded using a ‘one-pass’ machine on Friday 20th of April. 3t/acre of lime and 2.7 bags/acre of 10:10:20 was applied at time of sowing. A monoculture of the tetraploid *Aston Energy* was sown with *Chieftan* clover.
7. Mating started on the 26th of April. 36% of the bulls used will be Norwegian Red (BSJ & EKE), 35% will be Friesian (MWH, KNW, MJD, MOK, TJF) and 29% will be Jersey (HWY, ASV, WTL, TIO).