

Weekly update Clonakilty Dairy – 13 June 2016

Tetraploid swards (2.75 cows/ha)

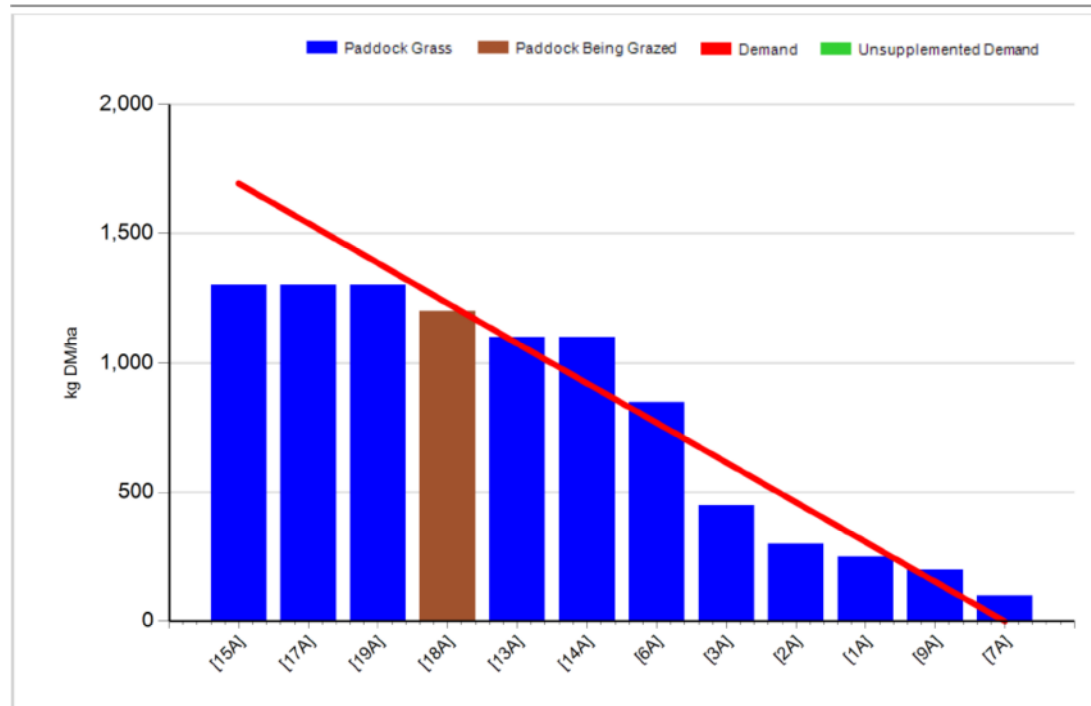
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|-----------------------|------------------------|
| Group: | Cover Date: 13/06/2016 |
| Farm: Clonakilty Farm | Treatment: T |

Management Decisions

| | | | |
|-----------------------------------|------|-------------------------|-----|
| Rotation Length (days): | 21 | Silage Fed (kg DM/cow): | 0.0 |
| Grass Allocation/Cow (kg DM/cow): | 17.0 | Residual Height (cm): | 4.0 |
| No. of Cows: | 30 | | |
| Concentrate Fed (kg/cow): | 0.0 | | |

Cover Parameters

| | | | |
|---------------------------------|------|--------------------------------------|------|
| Grass Allocation/LU (kg DM/LU): | 17.0 | Growth Rate: | 94 |
| Total Livestock (LU): | 30.0 | Farm Demand (kg DM/ha/day): | 81 |
| Farm Cover (kg DM/ha): | 736 | Target Pre-grazing yield (kg DM/ha): | 1692 |
| Farm Cover (kg DM/LU): | 155 | Days Ahead: | 9 |
| Stocking Rate (LU/ha): | 4.74 | LW/ha (Liveweight/ha): | 0 |



1. We have 30 cows calved and milking in this group.
2. Average farm cover (AFC) is 736 kg DM/ha (155 kg DM/LU).
3. Growth rate last week was 94 kg DM/ha per day.
4. Stocking rate is 4.74 LU/ha and demand is 81 kg DM/ha per day.
5. Growth rate increased up to 94 kg DM/ha per day in the last week after the rain last weekend. It had been around 60 kg DM/ha per day for the last two weeks. We skipped paddock 16 as the pre-grazing yield was too strong and we have skipped paddock 8, 10 and 20 in preparation for the open day so this has driven our stocking rate up, however, we have silage ground to come back in so that will reduce our stocking rate again.

- Pre-grazing yield is 1400 and we are allocating 17 kg DM of grass and no concentrate is being fed. Minerals (Mg, I, Se, Zn, Cu and Co) are being administered through the water.
- Current milk yield for this group is 19.3 kg/day at 4.34% fat and 3.73% protein giving 1.55 kg milk solids/cow per day.

Tetraploid + clover swards (2.75 cows/ha)

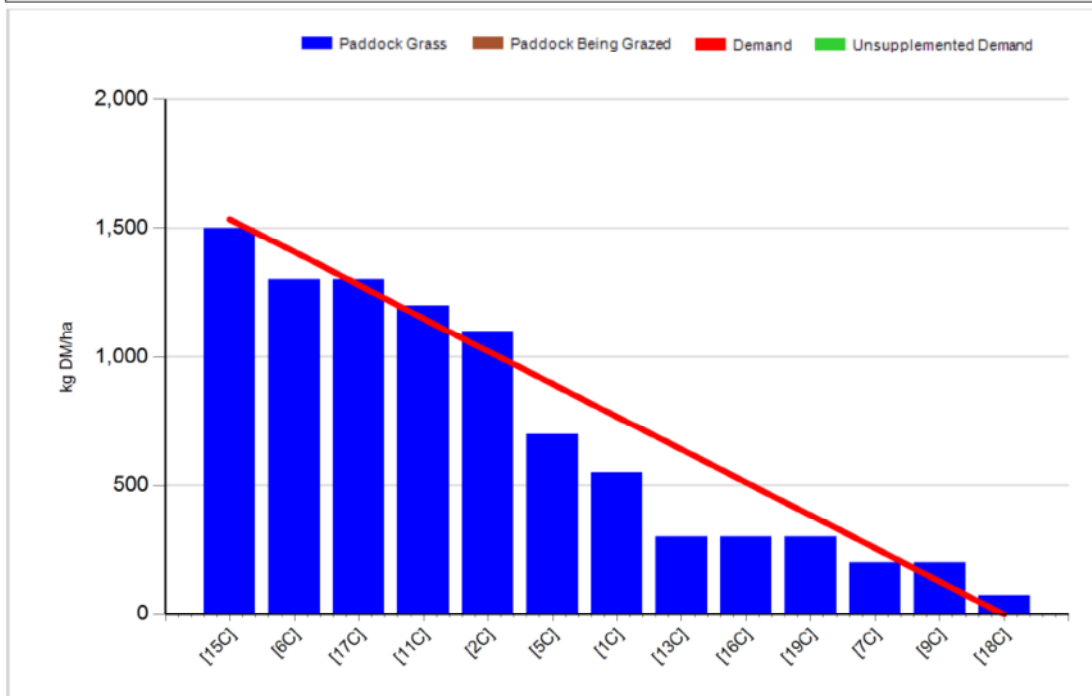
| | |
|-----------------------|------------------------|
| Group: | Cover Date: 13/06/2016 |
| Farm: Clonakilty Farm | Treatment: TC |

Management Decisions

| | | | |
|-----------------------------------|------|-------------------------|-----|
| Rotation Length (days): | 21 | Silage Fed (kg DM/cow): | 0.0 |
| Grass Allocation/Cow (kg DM/cow): | 17.0 | Residual Height (cm): | 4.0 |
| No. of Cows: | 30 | | |
| Concentrate Fed (kg/cow): | 0.0 | | |

Cover Parameters

| | | | |
|---------------------------------|------|--------------------------------------|------|
| Grass Allocation/LU (kg DM/LU): | 17.0 | Growth Rate: | 92 |
| Total Livestock (LU): | 30.0 | Farm Demand (kg DM/ha/day): | 73 |
| Farm Cover (kg DM/ha): | 718 | Target Pre-grazing yield (kg DM/ha): | 1535 |
| Farm Cover (kg DM/LU): | 167 | Days Ahead: | 10 |
| Stocking Rate (LU/ha): | 4.30 | LW/ha (Liveweight/ha): | 0 |



- We have 30 cows calved and milking in this group.
- Average farm cover (AFC) is 718 kg DM/ha (167 kg DM/LU).
- Growth rate last week was 92 kg DM/ha per day.
- Stocking rate is 4.30 LU/ha and demand is 73 kg DM/ha per day.
- Growth rate increased up to 92 kg DM/ha per day in the last week after the rain last weekend. It had been around 60 kg DM/ha per day for the last two weeks. We skipped paddock 3 as the pre-grazing yield was too strong and we have skipped paddock 8, 10 and 20 in preparation for the open day so this

has driven our stocking rate up, however, we have silage ground to come back in so that will reduce our stocking rate again.

6. Pre-grazing yield is 1500 and we are allocating 17 kg DM of grass and no concentrate is being fed. Minerals (Mg, I, Se, Zn, Cu and Co) are being administered through the water.
7. Current milk yield for this group is 23.2 kg/day at 4.73% fat and 3.64% protein giving 1.93 kg milk solids/cow per day.

Whole farm update

1. We had 205 cows to calve this year. There are 180 cows being milked. All cows are calved. Some late calving cows were sold before they calved, some were sold after calving and some culls went to the factory.
2. Latest results from the processor 4.22% fat, 3.64% protein, 4.89% lactose and 71 SCC, TBC 3. Average bodyweight of milking cows is 508 kg and average body condition score is 2.97.
3. Average farm cover on the general area is 656 kg DM/ha (146 kg DM/LU). Demand is 53 kg DM/ha per day and growth rate on the general area last week was 79 kg DM/ha per day. Stocking rate is 4.50 LU/ha. We have 60 general cows calved and they are being allocated 14 kg DM of grass and 3 kg of concentrate.
4. Breeding started on Monday the 25th of April. We had 96% of the cows submitted in 21 days and we had 88% of the heifers submitted in 12 days. Bulls are out. The heifers are now running with 2 stock bulls.