

Weekly update Clonakilty Dairy – 27 June 2016

Tetraploid swards (2.75 cows/ha)

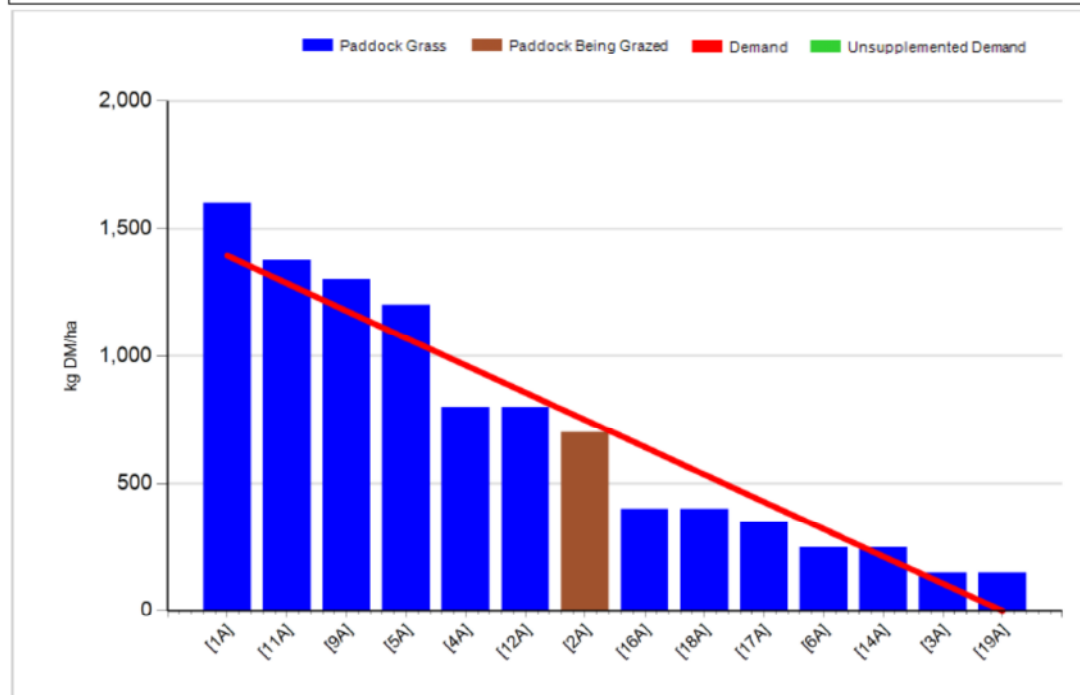
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|-----------------------|------------------------|
| Group: | Cover Date: 27/06/2016 |
| Farm: Clonakilty Farm | Treatment: T |

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: | 71 |
| Total Livestock (LU): | 30.0 | Farm Demand (kg DM/ha/day): | 66 |
| Farm Cover (kg DM/ha): | 726 | Target Pre-grazing yield (kg DM/ha): | 1392 |
| Farm Cover (kg DM/LU): | 186 | Days Ahead: | 11 |
| Stocking Rate (LU/ha): | 3.90 | LW/ha (Liveweight/ha): | 0 |



1. We have 30 cows calved and milking in this group.
2. Average farm cover (AFC) is 726 kg DM/ha (186 kg DM/LU).
3. Growth rate last week was 71 kg DM/ha per day.
4. Stocking rate is 3.90 LU/ha and demand is 66 kg DM/ha per day.
5. Growth rate (71 kg DM/ha per day) was similar to last week (69 kg DM/ha per day). We have topped up paddock 13 with 50 units of N for 2nd cut silage in 3 or 4 weeks' time. We skipped paddocks 7 and 15 for silage this week and will top them up with 30 units again for 2nd cut silage. The rain on Tuesday has really greened the farm up so growth should be good again this week.

- Pre-grazing yield is 1600 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 18.8 kg/day at 4.62% fat and 3.62% protein giving 1.54 kg milk solids/cow per day.

Tetraploid + clover swards (2.75 cows/ha)

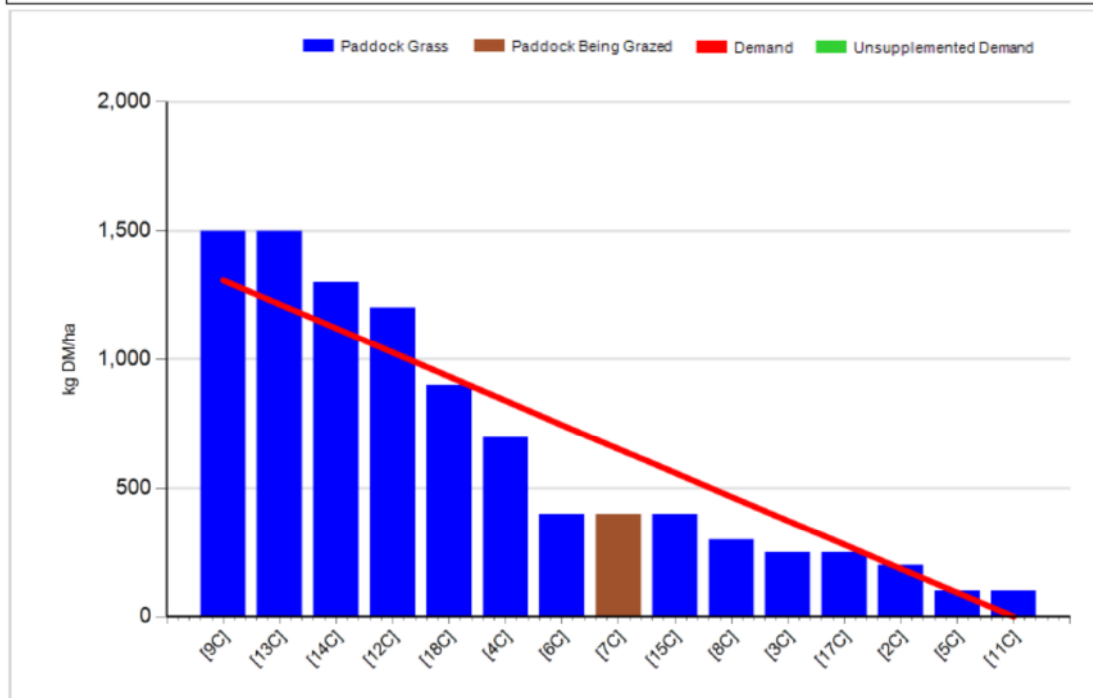
| | |
|-----------------------|------------------------|
| Group: | Cover Date: 27/06/2016 |
| Farm: Clonakilty Farm | Treatment: TC |

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: | 68 |
| Total Livestock (LU): | 30.0 | Farm Demand (kg DM/ha/day): | 62 |
| Farm Cover (kg DM/ha): | 600 | Target Pre-grazing yield (kg DM/ha): | 1307 |
| Farm Cover (kg DM/LU): | 164 | Days Ahead: | 10 |
| Stocking Rate (LU/ha): | 3.66 | LW/ha (Liveweight/ha): | 0 |



- We have 30 cows calved and milking in this group.
- Average farm cover (AFC) is 600 kg DM/ha (164 kg DM/LU).
- Growth rate last week was 68 kg DM/ha per day.
- Stocking rate is 3.66 LU/ha and demand is 562 kg DM/ha per day.
- Growth rate (68 kg DM/ha per day) was similar to last week (70 kg DM/ha per day). We topped up paddocks 1, 16 and 19 with 50 units of N for 2nd cut silage in 3 or 4 weeks' time. We haven't skipped any paddocks for bales this week.

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 20.8 kg/day at 4.52% fat and 3.74% protein giving 1.71 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 4.17% fat, 3.71% protein, 4.83% lactose and 107 SCC, TBC 3. Average bodyweight of milking cows is 513 kg and average body condition score is 2.97.
3. Average farm cover on the general area is 581 kg DM/ha (132 kg DM/LU). Demand is 49 kg DM/ha per day and growth rate on the general area last week was 73 kg DM/ha per day. Stocking rate is 4.50 LU/ha. We have 60 general cows calved. Average farm cover has increased since last week and growth rate is above demand now so we have removed the silage from the diet for these cows. We are allocating 13 kg DM of grass and 4 kg of concentrate but hopefully we will be able to reduce concentrate next week as growth should be good for the week and we have some reseeded paddocks to come back into the rotation.
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.