

Weekly update Clonakilty Dairy – 11 July 2017

Tetraploid swards (2.75 cows/ha)

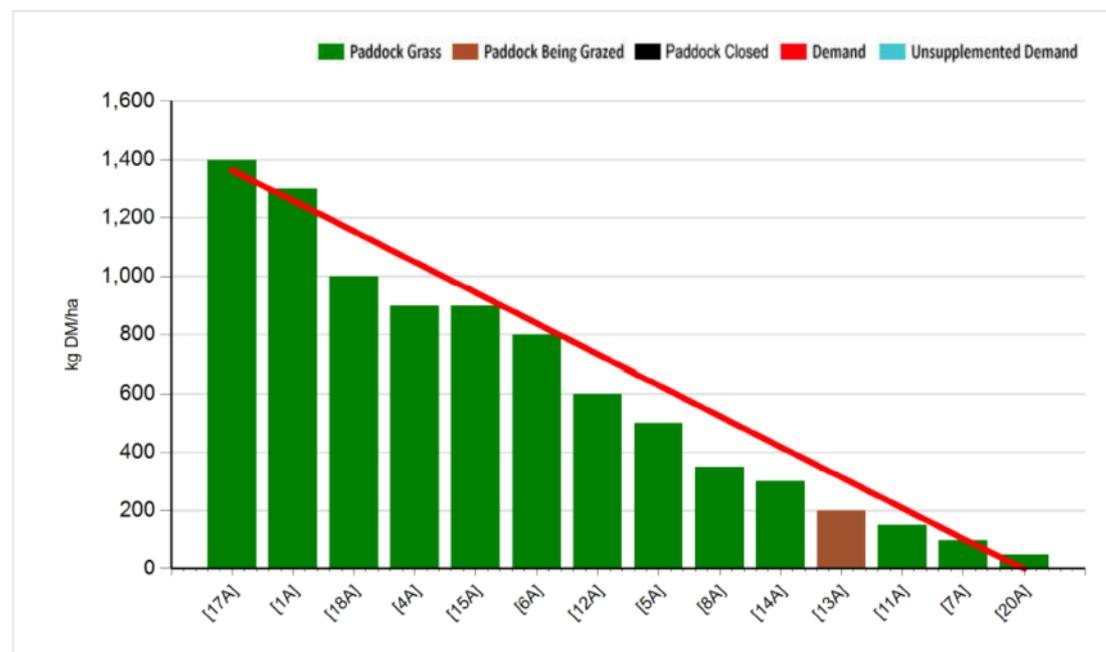
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|-------------------------------------|------------------------|
| Group: Teagasc Dairy Research Farms | Cover Date: 10/07/2017 |
| Farm: Clonakilty Farm | Treatment: T |

Management Decisions

| | | | |
|-----------------------------|------|----------------------|-------------------------------|
| Rotation Length (days): | 21 | Residual Height (cm) | 4 |
| Target pre-gaze (kg DM/ha): | 1364 | Estimation Method: | Visual Assessment - Available |

Cover Parameters

| | | | |
|-----------------------------|--------|-----------|---------------|
| Farm Cover (kg DM/ha): | 592.00 | Total LU: | 30.00 |
| Cover / LU (kg DM/LU): | 155.00 | LU / ha: | 3.82 |
| Growth / Ha (kg DM/ha/day): | 66.00 | Measured: | 20 (10.88 Ha) |
| Demand / ha (kg DM/ha/day): | 65.00 | Reseeded: | 0 (0.00 Ha) |
| Demand / day (kg DM/day): | 510.00 | Silage: | 6 (3.03 Ha) |
| Days ahead: | 9.00 | | |
| Kg LWT / Ha: | 0.00 | | |



1. We have 30 cows calved and milking in this group.
2. Average farm cover (AFC) is 592 kg DM/ha (155 kg DM/LU).
3. Growth rate last week was 66 kg DM/ha per day.
4. Stocking rate is 3.82 LU/ha and demand is 65 kg DM/ha per day.
5. Growth was similar to demand last week and cover per LU is at 150 kg DM/LU. With the forecast not showing a lot of rain will keep an eye on pre-grazing yields as growth could slow. We will start supplementing straight away with a 2-3 kg of concentrate if we feel that AFC and cover/LU are going to drop too low.

- 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.
- Cows are currently milking 18.9 kg at 4.31% fat and 3.68% protein giving 1.50 kg milk solids/cow.

Tetraploid + clover swards (2.75 cows/ha)

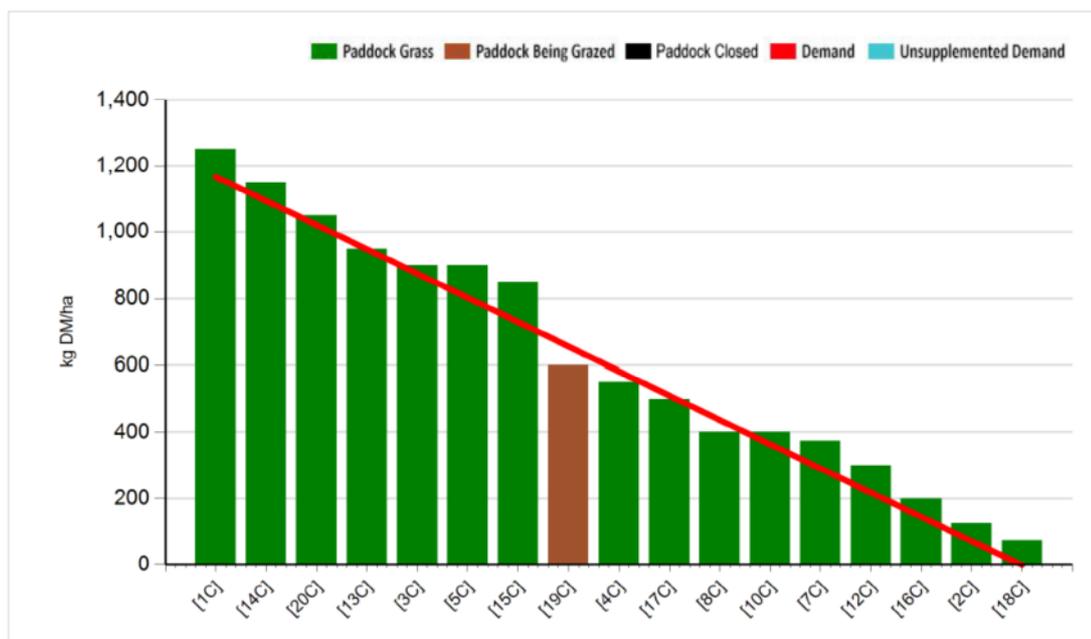
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|-------------------------------------|------------------------|
| Group: Teagasc Dairy Research Farms | Cover Date: 10/07/2017 |
| Farm: Clonakilty Farm | Treatment: TC |

Management Decisions

| | | | |
|-----------------------------|------|----------------------|-------------------------------|
| Rotation Length (days): | 21 | Residual Height (cm) | 4 |
| Target pre-gaze (kg DM/ha): | 1167 | Estimation Method: | Visual Assessment - Available |

Cover Parameters

| | | | |
|-----------------------------|--------|-----------|---------------|
| Farm Cover (kg DM/ha): | 637.00 | Total LU: | 30.00 |
| Cover / LU (kg DM/LU): | 195.00 | LU / ha: | 3.27 |
| Growth / Ha (kg DM/ha/day): | 55.00 | Measured: | 20 (10.88 Ha) |
| Demand / ha (kg DM/ha/day): | 56.00 | Reseeded: | 0 (0.00 Ha) |
| Demand / day (kg DM/day): | 510.00 | Silage: | 3 (1.71 Ha) |
| Days ahead: | 11.00 | | |
| Kg LWT / Ha: | 0.00 | | |



- We have 30 cows calved and milking in this group.
- Average farm cover (AFC) is 637 kg DM/ha (195 kg DM/LU).
- Growth rate last week was 55 kg DM/ha per day.
- Stocking rate is 3.27 LU/ha and demand is 56 kg DM/ha per day.
- Growth was similar to demand last week and cover per LU is good at 195 kg DM/LU. However, with the forecast not showing a lot of rain will keep an eye on pre-grazing yields as growth could slow. We will start supplementing

straight away with a 2-3 kg of concentrate if we feel that AFC and cover/LU are going to drop too low.

6. Pre-grazing yield is 1250 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. Cows are currently milking 24.1 kg at 4.14% fat and 3.83% protein giving 1.91 kg milk solids/cow.

Whole farm update

1. We had 192 cows to calve this year and all cows are now calved. There are 183 cows being milked. 9 cows were sold after they calved.
2. Cows are currently milking 21.0 kg/day at 4.19% fat, 3.72% protein and 4.79% lactose. Milk solids per cow are 1.65 kg/day. Latest results from the processor 4.22% fat, 3.82% protein, 4.90% lactose and 54 SCC, TBC 11. Average bodyweight of milking cows is 494 kg and average body condition score is 2.97.
3. Average farm cover on the general area is 624 kg DM/ha (145 kg DM/LU). Demand is 65 kg DM/ha per day and growth rate on the general area last week was 75 kg DM/ha per day. Stocking rate is 4.29 LU/ha. We have 63 general cows milking and they are being allocated 16 kg DM of grass and 1 kg of concentrate. We skipped paddock 39 this week as pre-grazing yield was gone too strong.
4. We started breeding on Monday the 25th of April. 97% of the cows were served in the first 21 days of the breeding season and all of the heifers were served in the first 12 days. Eighty two percent of the cows have been scanned incalf in the first 5 weeks of the breeding season.