

Weekly update Clonakilty Dairy – 29 August 2016

Tetraploid swards (2.75 cows/ha)

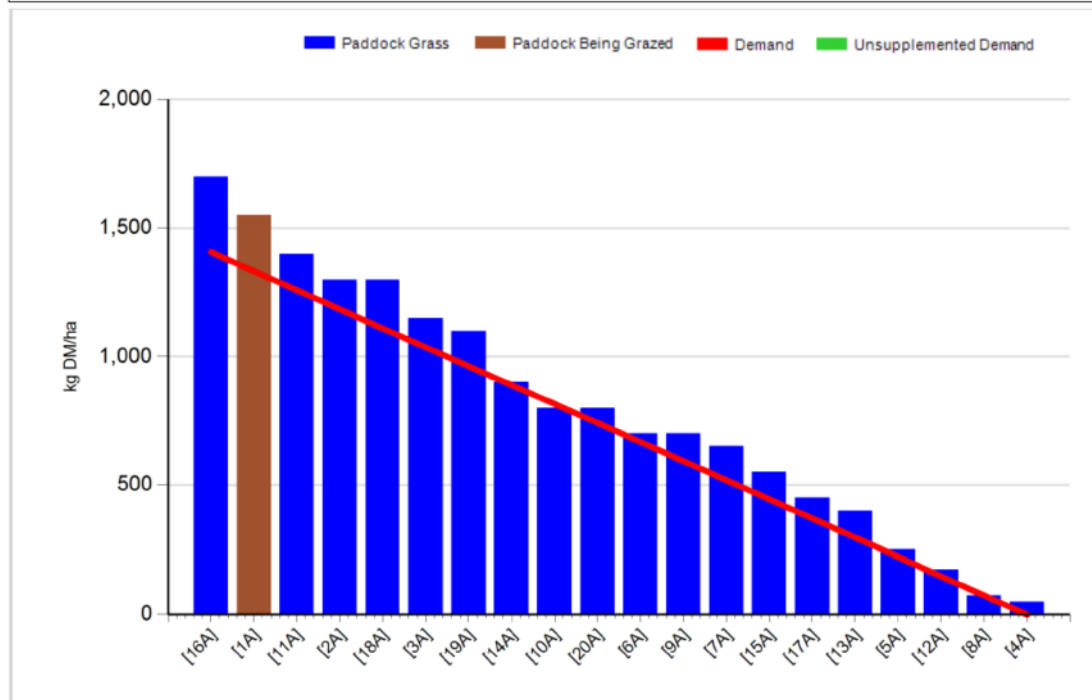
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|-----------------------|------------------------|
| Group: | Cover Date: 29/08/2016 |
| Farm: Clonakilty Farm | Treatment: T |

Management Decisions

| | | | |
|-----------------------------------|------|-------------------------|-----|
| Rotation Length (days): | 30 | 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 | | |

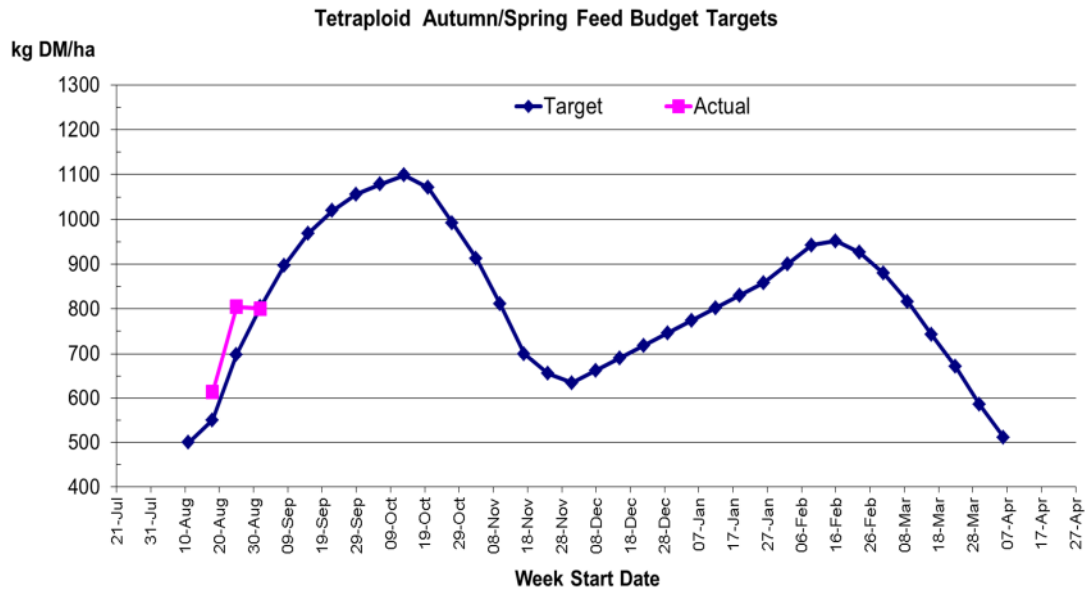
Cover Parameters

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|---------------------------------|------|--------------------------------------|------|
| Grass Allocation/LU (kg DM/LU): | 17.0 | Growth Rate: | 45 |
| Total Livestock (LU): | 30.0 | Farm Demand (kg DM/ha/day): | 47 |
| Farm Cover (kg DM/ha): | 801 | Target Pre-grazing yield (kg DM/ha): | 1408 |
| Farm Cover (kg DM/LU): | 290 | Days Ahead: | 17 |
| Stocking Rate (LU/ha): | 2.76 | LW/ha (Liveweight/ha): | 0 |



1. We have 30 cows milking in this group.
2. Average farm cover (AFC) is 801 kg DM/ha (290 kg DM/LU).
3. Growth rate last week was 45 kg DM/ha per day.
4. Stocking rate is 2.76 LU/ha and demand is 47 kg DM/ha per day.
5. Growth rate dropped from 70 kg DM/ha per day the previous week to 45 kg DM/ha per day last week. As a consequence AFC remained fairly static however, AFC is on target (see budget below). We will blanket spread the farm with the remaining fertiliser we have left this week, which is between 23 and 30 units/acre depending on the paddock so hopefully this will give us a boost in growth. We will have to monitor growth as we may have to introduce supplement in order to ensure that AFC continues to increase.

6. Pre-grazing yield is 1700 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 17.0 kg/day at 4.81% fat and 4.02% protein giving 1.50 kg milk solids/cow per day.



Tetraploid + clover swards (2.75 cows/ha)

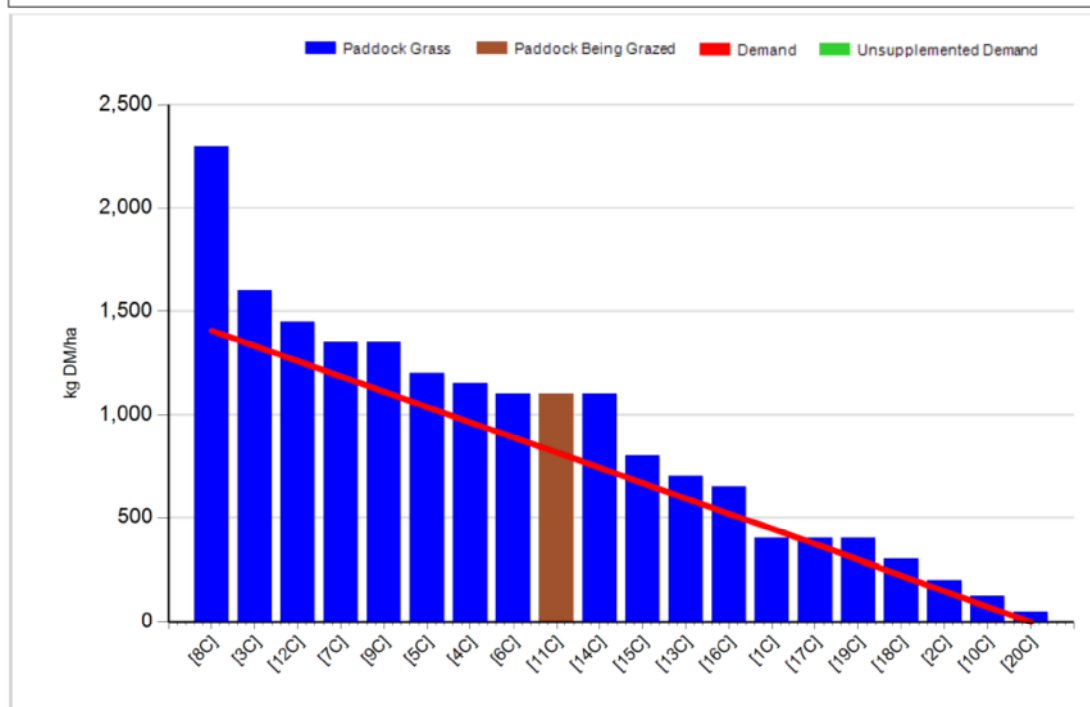
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|-----------------------|------------------------|
| Group: | Cover Date: 29/08/2016 |
| Farm: Clonakilty Farm | Treatment: TC |

Management Decisions

| | | | |
|-----------------------------------|------|-------------------------|-----|
| Rotation Length (days): | 30 | 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 | | |

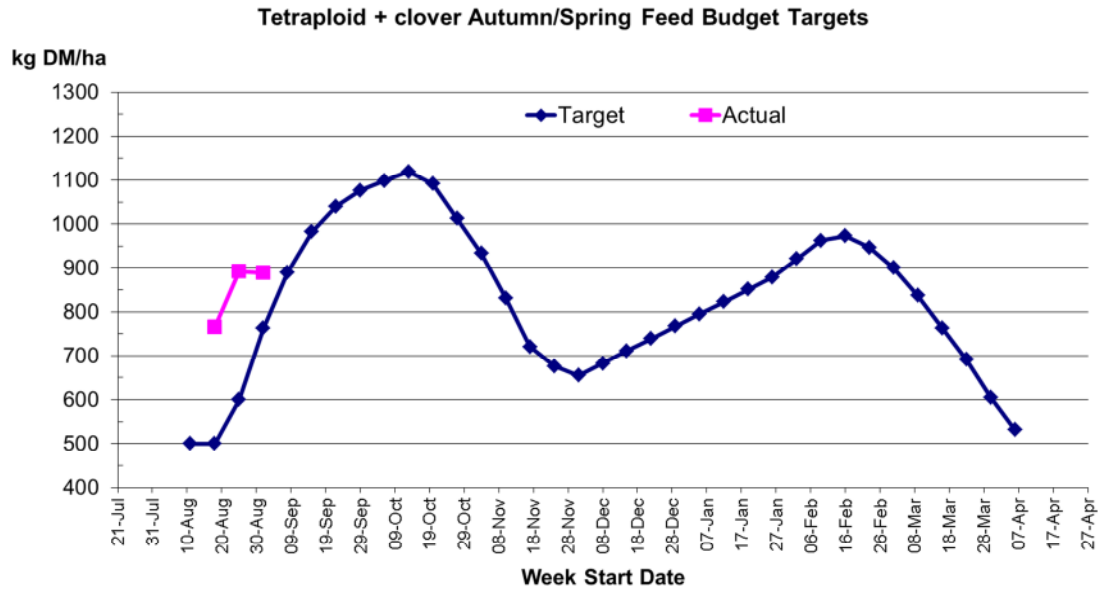
Cover Parameters

| | | | |
|---------------------------------|------|--------------------------------------|------|
| Grass Allocation/LU (kg DM/LU): | 17.0 | Growth Rate: | 55 |
| Total Livestock (LU): | 30.0 | Farm Demand (kg DM/ha/day): | 47 |
| Farm Cover (kg DM/ha): | 889 | Target Pre-grazing yield (kg DM/ha): | 1408 |
| Farm Cover (kg DM/LU): | 322 | Days Ahead: | 19 |
| Stocking Rate (LU/ha): | 2.76 | LW/ha (Liveweight/ha): | 0 |



1. We have 30 cows calved and milking in this group.
2. Average farm cover (AFC) is 889 kg DM/ha (322 kg DM/LU).
3. Growth rate last week was 55 kg DM/ha per day.
4. Stocking rate is 2.76 LU/ha and demand is 47 kg DM/ha per day.
8. We cut paddock 2 last week. Growth rate dropped from 70 kg DM/ha per day the previous week to 55 kg DM/ha per day last week. As a consequence AFC remained fairly static however, AFC is on target (see budget below). We will blanket spread the farm with the remaining fertiliser we have left this week, which is between 23 and 30 units/acre depending on the paddock so hopefully this will give us a boost in growth. We will have to monitor growth as we may have to introduce supplement in order to ensure that AFC continues to increase.

- Pre-grazing yield is 2300 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 20.0 kg/day at 4.60% fat and 3.79% protein giving 1.66 kg milk solids/cow per day.



Whole farm update

- We had 205 cows to calve this year. There are 178 cows being milked. Latest results from the processor 4.76% fat, 4.04% protein, 4.74% lactose and 176 SCC, TBC 2. Average bodyweight of milking cows is 525 kg and average body condition score is 2.89.
- Average farm cover on the general area is 814 kg DM/ha (311 kg DM/LU). Demand is 37 kg DM/ha per day and growth rate on the general area last week was 41 kg DM/ha per day. Stocking rate is 2.62 LU/ha. We are allocating 16 kg DM of grass and 1 kg of concentrate.
- 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. We finished breeding on Friday the 15th of July. Initial scanning results are looking good for the cows with a six week in-calf rate of over 85%.