

## Weekly update Clonakilty Dairy – 29 September 2015

### Tetraploid swards (2.75 cows/ha)

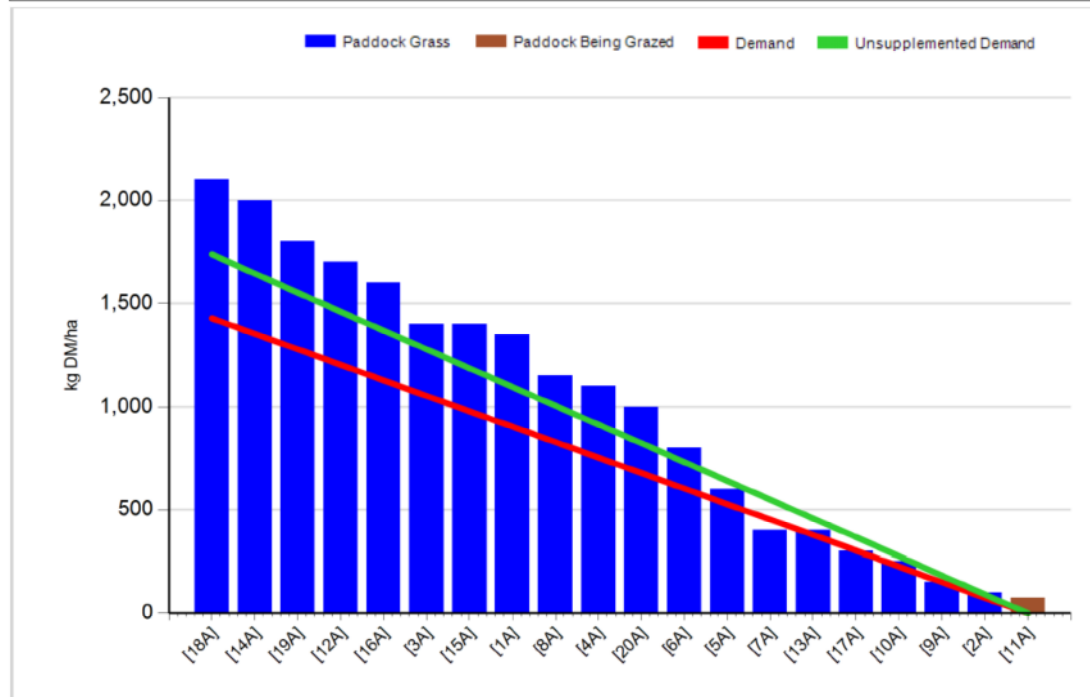
|                       |                        |
|-----------------------|------------------------|
| Group:                | Cover Date: 29/09/2015 |
| Farm: Clonakilty Farm | Treatment: T           |

#### Management Decisions

|                                   |      |                         |     |
|-----------------------------------|------|-------------------------|-----|
| Rotation Length (days):           | 37   | Silage Fed (kg DM/cow): | 0.0 |
| Grass Allocation/Cow (kg DM/cow): | 14.0 | Residual Height (cm):   | 4.0 |
| No. of Cows:                      | 30   |                         |     |
| Concentrate Fed (kg/cow):         | 3.0  |                         |     |

#### Cover Parameters

|                                 |      |                                      |      |
|---------------------------------|------|--------------------------------------|------|
| Grass Allocation/LU (kg DM/LU): | 14.0 | Growth Rate:                         | 41   |
| Total Livestock (LU):           | 30.0 | Farm Demand (kg DM/ha/day):          | 39   |
| Farm Cover (kg DM/ha):          | 962  | Target Pre-grazing yield (kg DM/ha): | 1430 |
| Farm Cover (kg DM/LU):          | 349  | Days Ahead:                          | 25   |
| 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 962 kg DM/ha (349 kg DM/LU).
3. Growth rate last week was 41 kg DM/ha per day
4. Stocking rate is 2.76 LU/ha and demand is 39 kg DM/ha per day.
5. Pre-grazing yield is 2050 kg DM/ha. Rotation length is 37 days this week. Average Farm Cover is below target at 962 kg DM/ha (target is 1095 kg DM/ha, see budget below). We have increased concentrate up to 3 kg/cow to reduce demand.
6. Cows are being allocating 14 kg DM of grass/cow and 3 kg of concentrate is being fed. Minerals (Mg) are being administered through the water.

- This group of cows are currently milking 15.4 kg/day at 5.19% fat and 4.43% protein. Milk solids per cow are 1.47 kg/day.

### **Tetraploid + clover swards (2.75 cows/ha)**

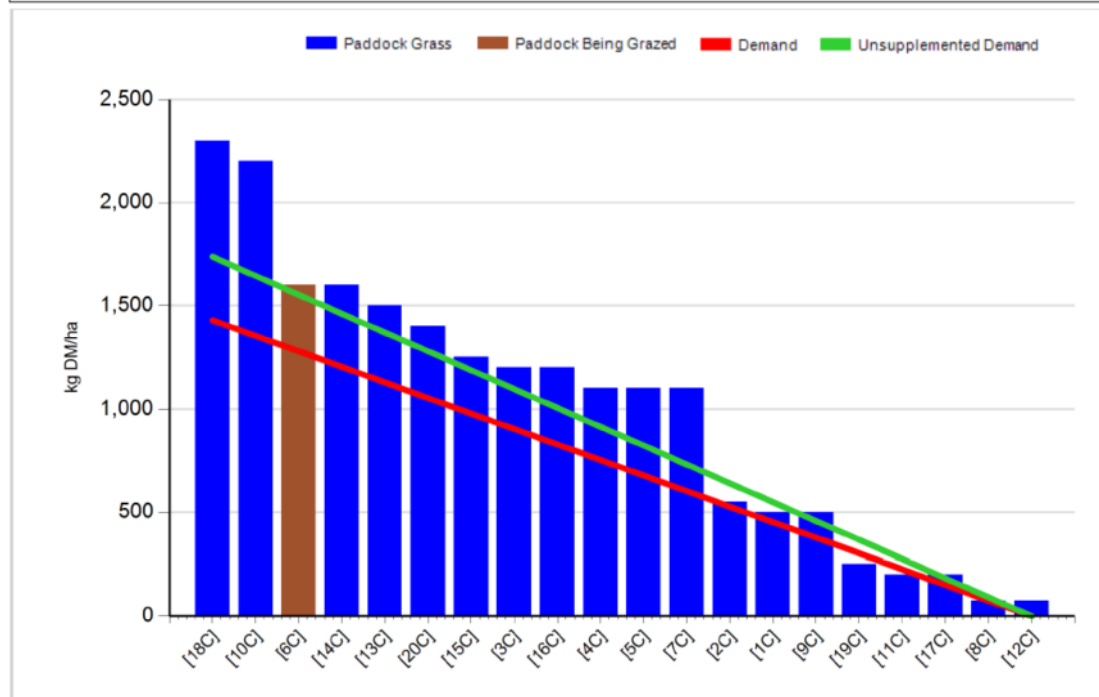
|                       |                        |
|-----------------------|------------------------|
| Group:                | Cover Date: 29/09/2015 |
| Farm: Clonakilty Farm | Treatment: TC          |

#### **Management Decisions**

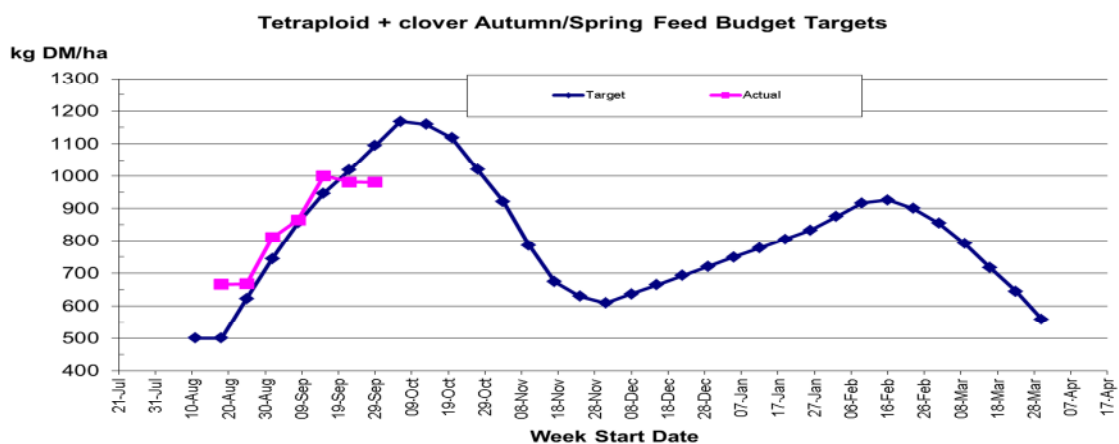
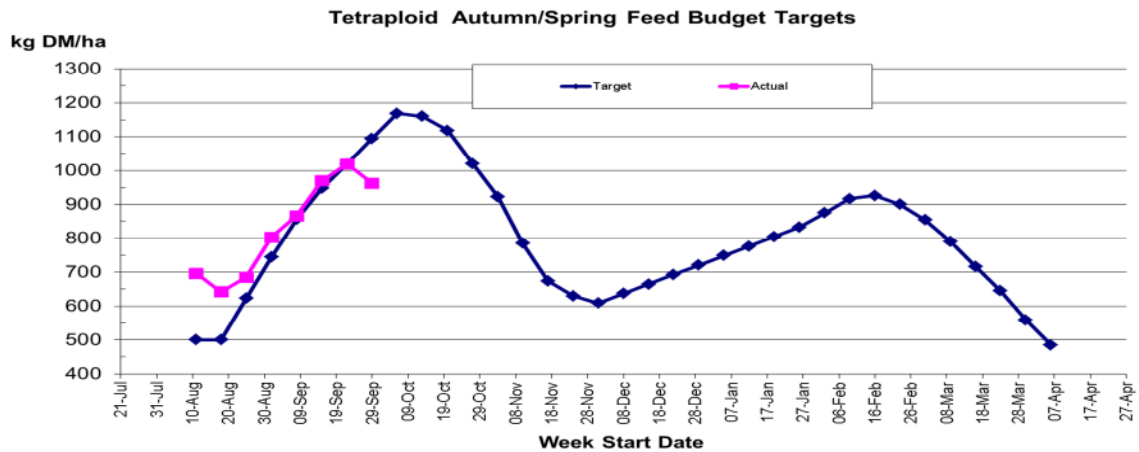
|                                   |      |                         |     |
|-----------------------------------|------|-------------------------|-----|
| Rotation Length (days):           | 37   | Silage Fed (kg DM/cow): | 0.0 |
| Grass Allocation/Cow (kg DM/cow): | 14.0 | Residual Height (cm):   | 4.0 |
| No. of Cows:                      | 30   |                         |     |
| Concentrate Fed (kg/cow):         | 3.0  |                         |     |

#### **Cover Parameters**

|                                 |      |                                      |      |
|---------------------------------|------|--------------------------------------|------|
| Grass Allocation/LU (kg DM/LU): | 14.0 | Growth Rate:                         | 52   |
| Total Livestock (LU):           | 30.0 | Farm Demand (kg DM/ha/day):          | 39   |
| Farm Cover (kg DM/ha):          | 981  | Target Pre-grazing yield (kg DM/ha): | 1430 |
| Farm Cover (kg DM/LU):          | 355  | Days Ahead:                          | 25   |
| Stocking Rate (LU/ha):          | 2.76 | LW/ha (Liveweight/ha):               | 0    |



- We have 30 cows calved and milking in this group.
- Average farm cover 981 kg DM/ha (355 kg DM/LU).
- Growth rate last week was 52 kg DM/ha per day
- Stocking rate is 2.76 LU/ha and demand is 39 kg DM/ha per day.
- Pre-grazing yield is 2250 kg DM/ha. Rotation length is 37 days this week. Average Farm Cover dropped below target at 981 kg DM/ha (target is 1095 kg DM/ha, see budget below). We have increased concentrate up to 3 kg/cow to reduce demand.
- We are allocating 14 kg DM of grass/cow and 3 kg of concentrate is being fed. Minerals (Mg) are being administered through the water.
- This group of cows are currently milking 19.2 kg/day at 4.82% fat and 4.08% protein and milk solids per cow are 1.69 kg/day.



### Whole farm update

1. We had 202 cows to calve this year and all cows are now calved. There are 179 cows being milked. 20 cows were sold after they calved.
2. Cows are currently milking 17.5 kg/day at 4.82% fat, 4.16% protein and 4.65% lactose. Milk solids per cow are 1.55 kg/day. Latest results from the processor 4.74% fat, 4.31% protein, 4.76% lactose and 114 SCC, TBC 4. Average bodyweight of milking cows is 541 kg and average BCS is 2.96.
3. Average farm cover on the general area is 730 kg DM/ha (287 kg DM/LU). Demand is 27 kg DM/ha per day and growth rate on the general area last week was 42 kg DM/ha per day. Stocking rate is 2.59 LU/ha. We have 60 general cows calved and they are now being allocated 9 kg DM of grass, 5 kg of silage and 3 kg of concentrate.
4. Eight cows out of the 179 that were bred were not in-calf, giving us a 4.5% empty rate in a 12 week breeding period. Our 6-week in-calf rate was approximately 85%.
5. We had 42 out of 44 heifers bred in 11 days (96%). After scanning the heifers they are 100% in calf (44/44).
6. The heifers were weighed and their average weight was 465 kg.
7. To date 250 kg/cow concentrate has been fed.