

## Weekly update Clonakilty Dairy – 21 September 2015

### Tetraploid swards (2.75 cows/ha)

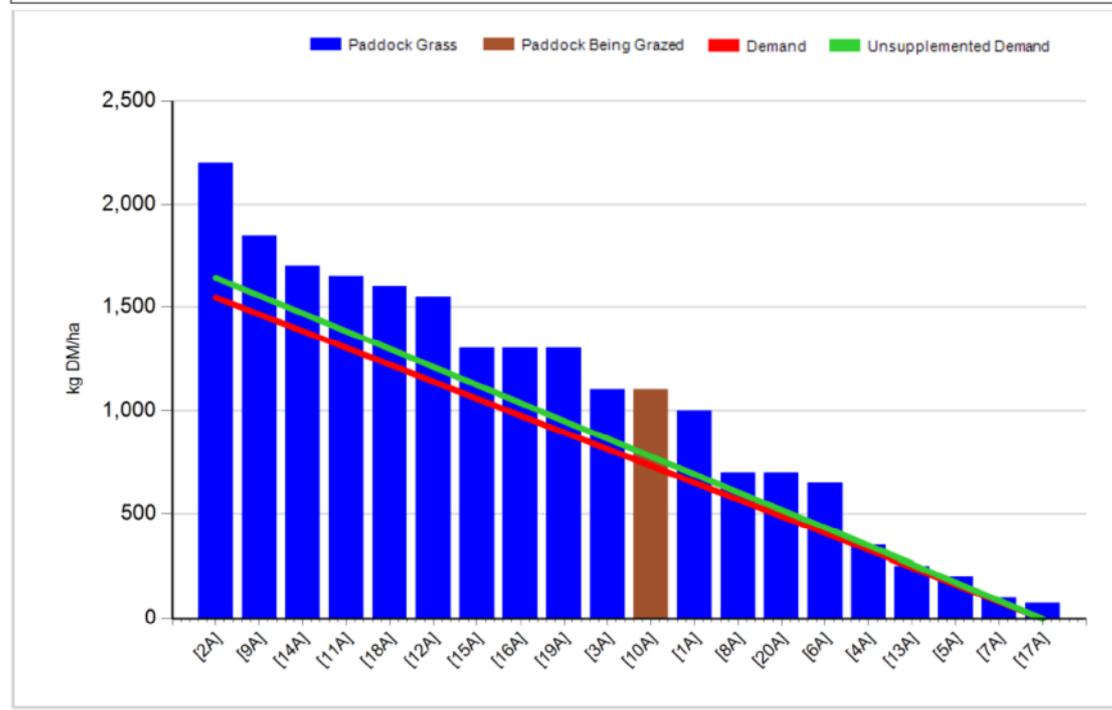
Group:	Cover Date: 21/09/2015
Farm: Clonakilty Farm	Treatment: T

#### Management Decisions

Rotation Length (days):	35	Silage Fed (kg DM/cow):	0.0
Grass Allocation/Cow (kg DM/cow):	16.0	Residual Height (cm):	4.0
No. of Cows:	30		
Concentrate Fed (kg/cow):	1.0		

#### Cover Parameters

Grass Allocation/LU (kg DM/LU):	16.0	Growth Rate:	61
Total Livestock (LU):	30.0	Farm Demand (kg DM/ha/day):	44
Farm Cover (kg DM/ha):	1019	Target Pre-grazing yield (kg DM/ha):	1546
Farm Cover (kg DM/LU):	369	Days Ahead:	23
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 1019 kg DM/ha (369 kg DM/LU).
3. Growth rate last week was 61 kg DM/ha per day
4. Stocking rate is 2.76 LU/ha and demand is 44 kg DM/ha per day.
5. Pre-grazing yield is 2150 kg DM/ha. Rotation length is 35 days this week. Average Farm Cover is right on target at 1019 kg DM/ha (target is 1019 kg DM/ha, see budget below). We introduced 2 kg of concentrate to the last weekend; we reduced that to 1 kg on Thursday and we will keep it at 1 kg for this week.
6. Cows are being allocating 16 kg DM of grass/cow and 1 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 4.98% fat and 4.35% protein. Milk solids per cow are 1.42 kg/day.

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

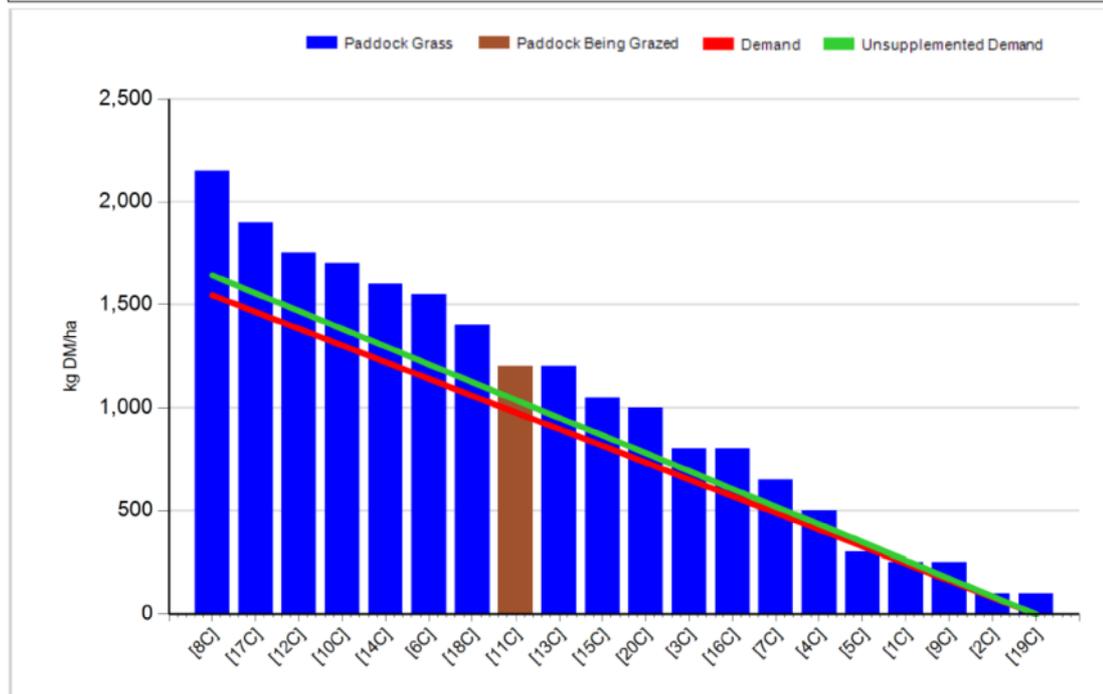
Group:	Cover Date: 21/09/2015
Farm: Clonakilty Farm	Treatment: TC

#### **Management Decisions**

Rotation Length (days):	35	Silage Fed (kg DM/cow):	0.0
Grass Allocation/Cow (kg DM/cow):	16.0	Residual Height (cm):	4.0
No. of Cows:	30		
Concentrate Fed (kg/cow):	1.0		

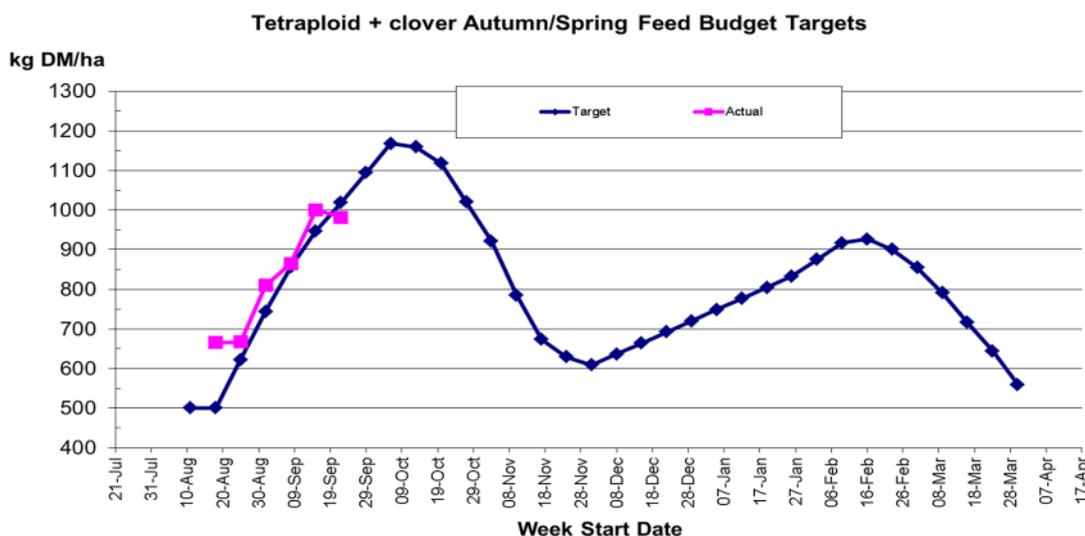
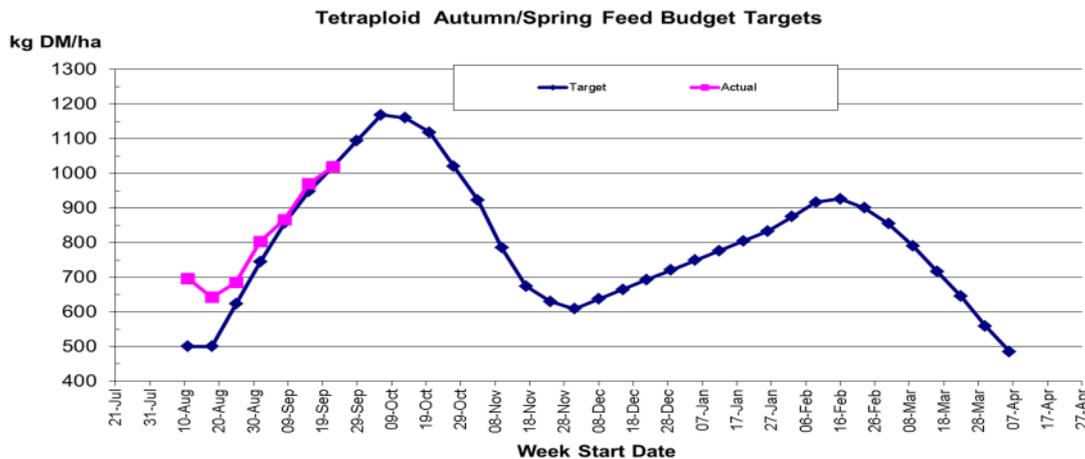
#### **Cover Parameters**

Grass Allocation/LU (kg DM/LU):	16.0	Growth Rate:	56
Total Livestock (LU):	30.0	Farm Demand (kg DM/ha/day):	44
Farm Cover (kg DM/ha):	982	Target Pre-grazing yield (kg DM/ha):	1546
Farm Cover (kg DM/LU):	356	Days Ahead:	22
Stocking Rate (LU/ha):	2.76	LW/ha (Liveweight/ha):	0



- We have 30 cows calved and milking in this group.
- Average farm cover 982 kg DM/ha (356 kg DM/LU).
- Growth rate last week was 56 kg DM/ha per day
- Stocking rate is 2.76 LU/ha and demand is 44 kg DM/ha per day.
- Pre-grazing yield is 2050 kg DM/ha. Rotation length is 35 days this week. Average Farm Cover dropped slightly from last week and is slightly below target at 982 kg DM/ha (target is 1019 kg DM/ha, see budget below) even though growth rate was higher than demand, the dry matter % of the grass clover swards is low and we may have overestimated cover last week. We introduced 2 kg of concentrate to the last weekend; we reduced that to 1 kg on Thursday and we will keep it at 1 kg for this week.

- We are allocating 16 kg DM of grass/cow and 1 kg of concentrate is being fed. Minerals (Mg) are being administered through the water.
- This group of cows are currently milking 19.3 kg/day at 4.71% fat and 4.07% protein and milk solids per cow are 1.69 kg/day.



### Whole farm update

- 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.
- Cows are currently milking 16.8 kg/day at 4.66% fat, 4.15% protein and 4.70% lactose. Milk solids per cow are 1.46 kg/day. Latest results from the processor 4.67% fat, 4.18% protein, 4.76% lactose and 100 SCC, TBC 4. Average bodyweight of milking cows is 541 kg and average BCS is 2.96.
- Average farm cover on the general area is 751 kg DM/ha (290 kg DM/LU). Demand is 27 kg DM/ha per day and growth rate on the general area last week was 33 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 215 kg/cow concentrate has been fed.