

## Weekly update Clonakilty Dairy – 5 May 2014

### Tetraploid swards (2.75 cows/ha)



Date Produced: 07-05-2014

### PastureBase-Ireland

### Grass Measurement Report

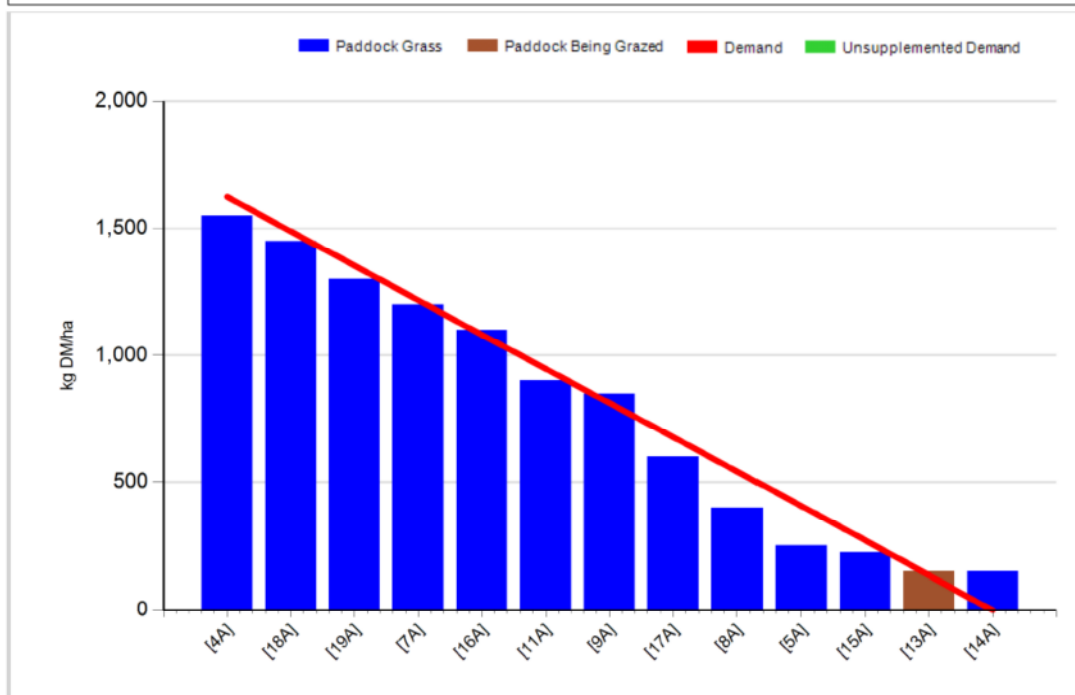
Group:	Cover Date: 06/05/2014
Farm: Clonakilty Farm	Treatment: T

#### Management Decisions

Rotation Length (days):	21	Silage Fed (kg DM/cow):	0.0
Grass Allocation/Cow (kg DM/cow):	17.0	Residual Height (cm):	3.5
No. of Cows:	30		
Concentrate Fed (kg/cow):	0.0		

#### Cover Parameters

Grass Allocation/LU (kg DM/LU):	17.0	Growth Rate (kg/ha/day):	91
Total Livestock (LU):	30.0	Farm Demand (kg DM/ha/day):	77
Farm Cover (kg DM/ha):	791	Target Pre-grazing yield (kg DM/ha):	1624
Farm Cover (kg DM/LU):	174		
Stocking Rate (LU/ha):	4.55		



1. Average farm cover (AFC) is 791 kg DM/ha (174 kg DM/LU)
2. Growth rate last week was 91 kg DM/ha per day which is up from 58 kg DM/ha per day the previous week.
3. Stocking rate is 4.55 LU/ha and demand is 77 kg DM/ha per day
4. Our growth rate last week was 91 kg DM/ha per day which is increased dramatically from the previous week so our growth rate is now greater than our demand of 77 kg DM/ha per day. This has caused AFC to increase to 791 kg DM/ha and 174 kg DM/LU which is on target. If growth

continues to be well above demand and pre-grazing yields start to get too high then we will take out a paddock for bales. At the minute however, we are in a good position with pre-grazing yields just on target.

- Pre-grazing yield is 1500 and we are allocating 17 kg DM of grass per cow. No concentrate is being fed. Minerals are being given to the cows through the dosatron into the water. The minerals the cows are receiving are Mg, I, Se, Zn, Cu and Co.

## Diploid swards (2.75 cows/ha)



Date Produced: 07-05-2014

### PastureBase-Ireland

### Grass Measurement Report

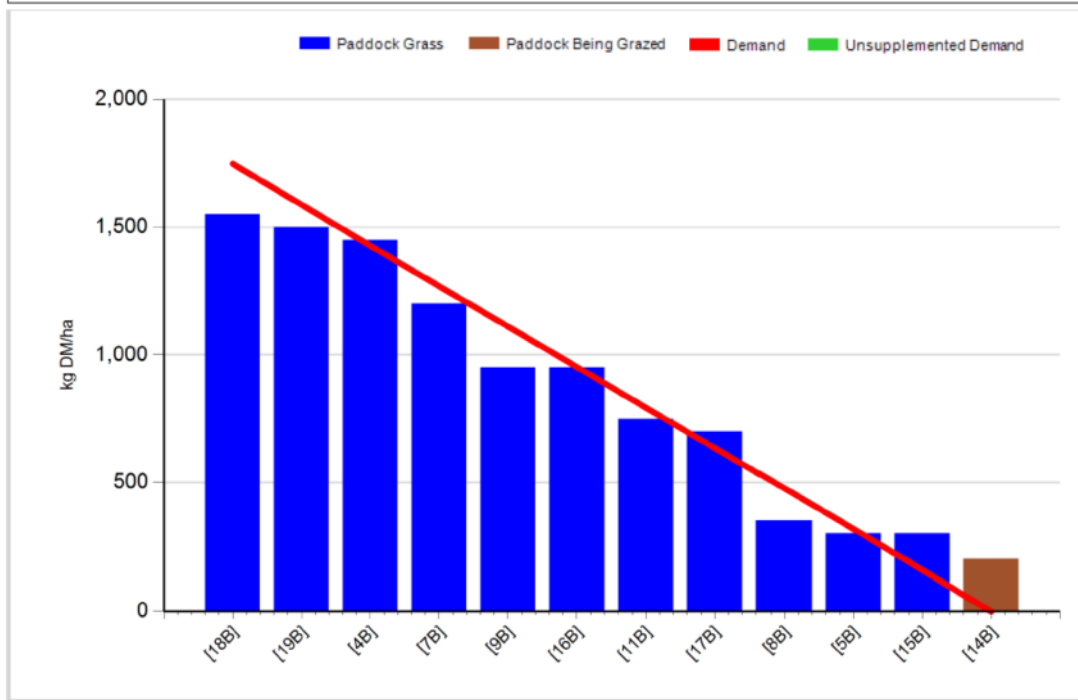
Group:	Cover Date: 06/05/2014
Farm: Clonakilty Farm	Treatment: D

#### Management Decisions

Rotation Length (days):	21	Silage Fed (kg DM/cow):	
Grass Allocation/Cow (kg DM/cow):	17.0	Residual Height (cm):	3.5
No. of Cows:	30		
Concentrate Fed (kg/cow):	0.0		

#### Cover Parameters

Grass Allocation/LU (kg DM/LU):	17.0	Growth Rate (kg/ha/day):	89
Total Livestock (LU):	30.0	Farm Demand (kg DM/ha/day):	83
Farm Cover (kg DM/ha):	852	Target Pre-grazing yield (kg DM/ha):	1746
Farm Cover (kg DM/LU):	174		
Stocking Rate (LU/ha):	4.89		



- Average farm cover 862 kg DM/ha (174 kg DM/LU)
- Growth rate last week was 89 kg DM/ha per day
- Stocking rate is 4.89 LU/ha and demand is 83 kg DM/ha per day

4. Our growth rate last week was 89 kg DM/ha per day which is increased dramatically from the previous week so our growth rate is now greater than our demand of 77 kg DM/ha per day. We have taken out paddock 14 for bales in this treatment as cover per LU was close to 200 kg DM/LU which is too high for our liking at this time of the year. We will cut this out as soon as weather permits. AFC has increased to 862 kg DM/ha and 174 kg DM/LU which is on target. If growth continues to be well above demand and pre-grazing yields start to get too high then we will take out a paddock for bales. At the minute however, we are in a good position with pre-grazing yields just on target.
5. Pre-grazing yield is 1500 and we are allocating 17 kg DM of grass per cow. No concentrate is being fed. Minerals are being given to the cows through the dosatron into the water. The minerals the cows are receiving are Mg, I, Se, Zn, Cu and Co

### **Whole farm update**

1. We had 193 cows to calve this year and all cows are now calved. There are 180 cows being milked, 1 cow died, 8 cows were sold after they calved, another 3 cows have been dried off early and will be sold and we had one abortion.
2. Cows are currently milking 23.5kg/day at 4.74% fat, 3.61% protein and 4.91 % lactose. Milk solids per cow are 1.95 kg/day. Latest results from the processor 4.45% fat, 3.51% protein, 4.94% lactose 76 SCC and TBC is 3. Average bodyweight of milking cows is 489 kg and average body condition score is 3.06.
3. Average farm cover on the general area is 930 kg DM/ha (209kg DM/LU). Demand is 58 kg DM/ha per day and growth rate on the general area last week was 95 kg DM/ha per day. We took out another paddock from the general area for bales this week as the pre-grazing yield was gone too strong, we will try to cut this paddock for bales as soon as possible to get it back into the rotation. Stocking rate is 4.45 LU/ha. We have 60 general cows milking and they are being allocated 16 kg DM of grass and 1.5 kg of concentrate.
4. We have 30 calves weaned and they are now out on grass. Holstein-Friesian and 3way calves are being weaned at 90 kg and JEX calves are being weaned at 85 kg.
5. We have started breeding on the 20<sup>th</sup> of April. We are using a mixture of Holstein-Friesian (JRE, WLY, PSZ, AKZ, WDS and MDW), Jersey (PKA, OKT and HWY) and Norwegian Red (VSK, VLX, EKE and EGE) bulls on the cows and heifers.
6. Breeding is going well; we have had 121 cows served in two weeks so we are on target in terms of submission rate. 47 out of the 49 heifers were bred to AI in the first 11 days of the breeding season. Two Friesian bulls have now been let off with the heifers.