

## Weekly update Clonakilty Dairy – 16 May 2017

### Tetraploid swards (2.75 cows/ha)

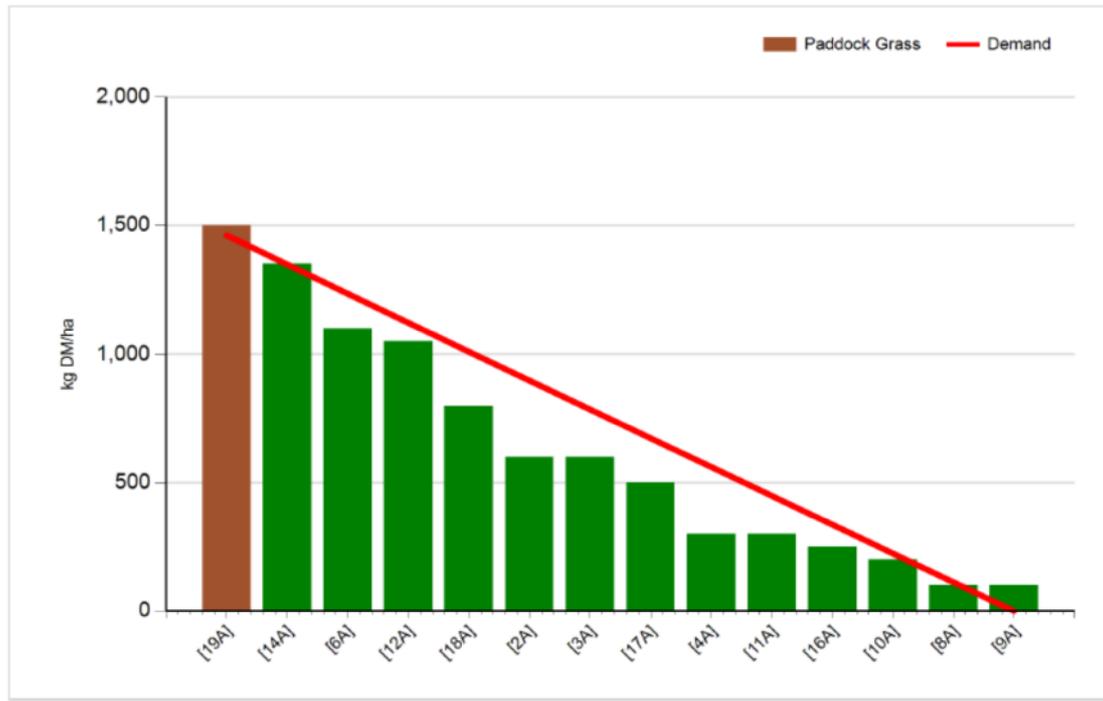
Group: Teagasc Dairy Research Farms	Cover Date: 15/05/2017
Farm: Clonakilty Farm	Treatment: T

#### Management Decisions

Rotation Length (days):	21	Residual Height (cm)	4
Target pre-gaze (kg DM/ha):	1460	Estimation Method:	Visual Assessment - Available

#### Cover Parameters

Farm Cover (kg DM/ha):	633.00	Total LU:	30.00
Cover / LU (kg DM/LU):	155.00	LU / ha:	4.09
Growth / Ha (kg DM/ha/day):	57.00	Measured:	20 (10.88 Ha)
Demand / ha (kg DM/ha/day):	69.00	Reseeded:	0 (0.00 Ha)
Demand / day (kg DM/day):	510.00	Silage:	6 (3.54 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 633 kg DM/ha (155 kg DM/LU).
3. Growth rate last week was 57 kg DM/ha per day.
4. Stocking rate is 4.09 LU/ha and demand is 69 kg DM/ha per day.
5. Growth was similar to demand (approximately 60 kg DM/ha per day) last week but we received 22 ml of rain over the weekend so we skipped paddock 20 and demand is now 69 kg DM/ha per day with the anticipation that growth will pick up significantly this week. Cows were on 1 kg concentrate at the start of last week however, this was removed on Wednesday again in anticipation of growth improving.

- Pre-grazing yield is 1500 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 26.4 kg at 4.16% fat and 3.72% protein giving 2.07 kg milk solids/cow.

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

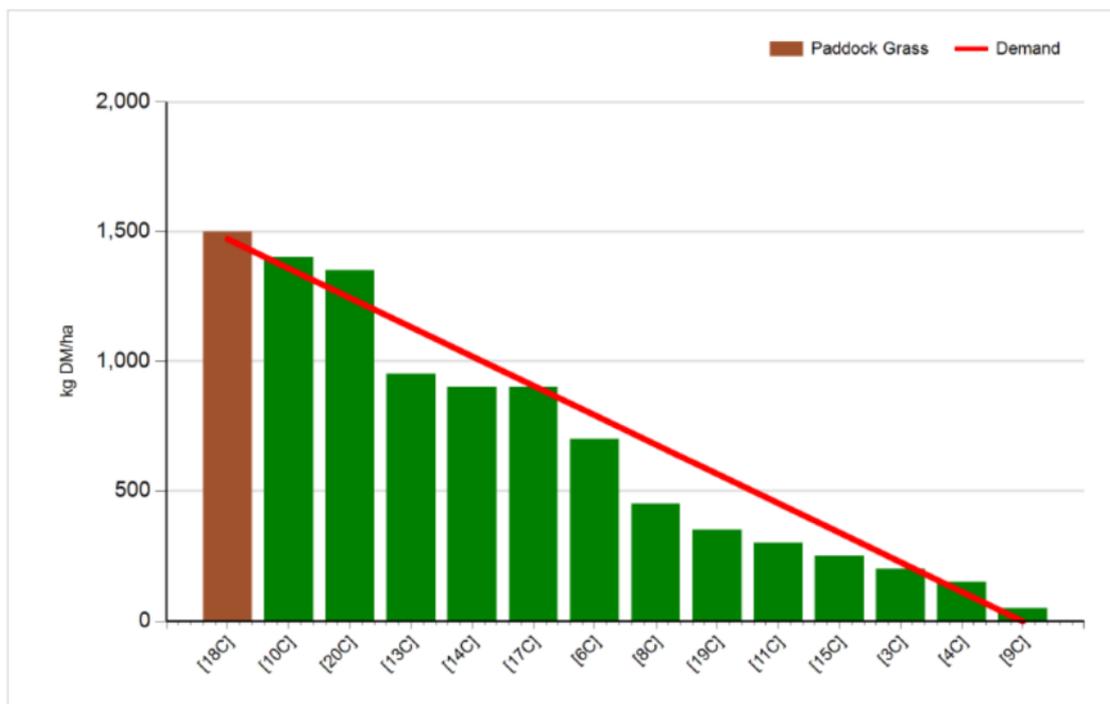
Group: Teagasc Dairy Research Farms	Cover Date: 15/05/2017
Farm: Clonakilty Farm	Treatment: TC

#### Management Decisions

Rotation Length (days):	21	Residual Height (cm)	4
Target pre-gaze (kg DM/ha):	1471	Estimation Method:	Visual Assessment - Available

#### Cover Parameters

Farm Cover (kg DM/ha):	670.00	Total LU:	30.00
Cover / LU (kg DM/LU):	163.00	LU / ha:	4.12
Growth / Ha (kg DM/ha/day):	68.00	Measured:	20 (10.88 Ha)
Demand / ha (kg DM/ha/day):	70.00	Reseeded:	0 (0.00 Ha)
Demand / day (kg DM/day):	510.00	Silage:	6 (3.60 Ha)
Days ahead:	10.00		
Kg LWT / Ha:	0.00		



- We have 30 cows calved and milking in this group.
- Average farm cover (AFC) is 670 kg DM/ha (163 kg DM/LU).
- Growth rate last week was 68 kg DM/ha per day.
- Stocking rate is 4.12 LU/ha and demand is 70 kg DM/ha per day.
- Growth was similar to demand (approximately 65 kg DM/ha per day) last week but we received 22 ml of rain over the weekend so we skipped paddock 16 and demand is now 69 kg DM/ha per day with the anticipation that

growth will pick up significantly this week. Cows were on 1 kg concentrate at the start of last week however, this was removed on Wednesday again in anticipation of growth improving.

6. Pre-grazing yield is 1500 and we are allocating 17 kg DM of grass and 0 kg of concentrate. Minerals (Mg, I, Se, Zn, Cu and Co) are being administered through the water.
7. Cows are currently milking 26.5 kg at 4.46% fat and 3.68% protein giving 2.15 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 25.2 kg/day at 4.56% fat, 3.60% protein and 4.92% lactose. Milk solids per cow are 2.05 kg/day. Latest results from the processor 4.55% fat, 3.72% protein, 5.01% lactose and 51 SCC, TBC 6. Average bodyweight of milking cows is 498 kg and average body condition score is 3.03.
3. Average farm cover on the general area is 808 kg DM/ha (180 kg DM/LU). Demand is 62 kg DM/ha per day and growth rate on the general area last week was 54 kg DM/ha per day. Stocking rate is 4.49 LU/ha. We have 65 general cows calved and they are being allocated 16 kg DM of grass and 1 kg of concentrate.
4. We started breeding on Monday the 25<sup>th</sup> of April. Cows and heifers both started on Monday. 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.