

## Weekly update Clonakilty Dairy – 12 September 2017

### Tetraploid swards (2.75 cows/ha)

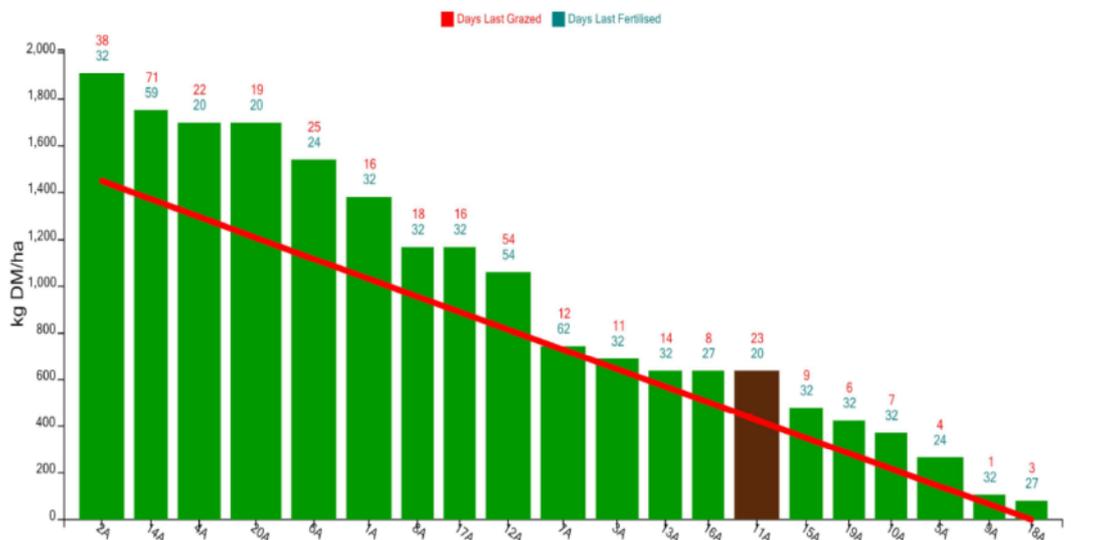
Group: Teagasc Dairy Research Farms	Cover Date: 11/09/2017
Farm: Clonakilty Farm	Treatment: T

#### Management Decisions

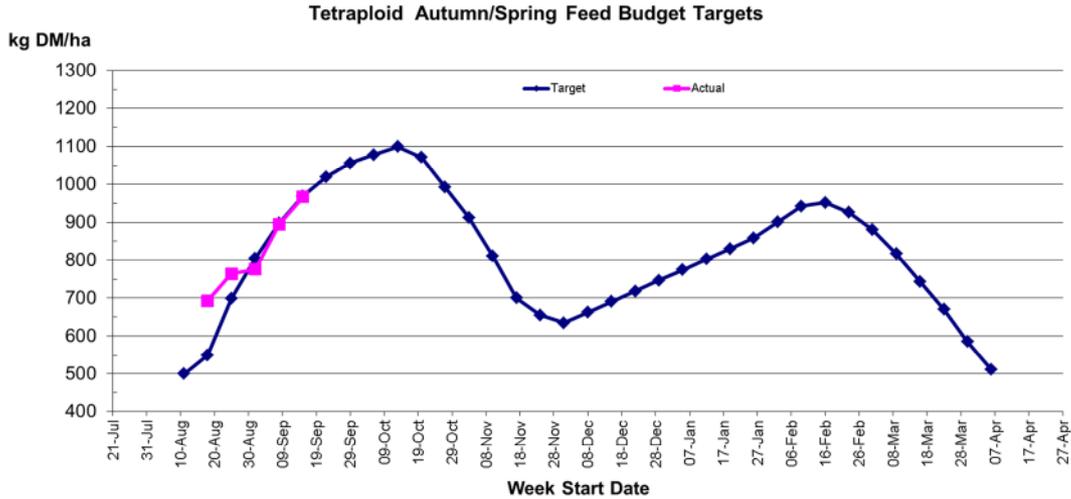
Rotation Length (days):	35	Residual Height (cm)	4
Target Pre-Grazing (kg DM/ha):	1449		

#### Cover Parameters

Farm Cover (kg DM/ha):	967.00	Total LU:	30.00
Cover / LU (kg DM/LU):	350.00	LU / ha:	2.76
Growth/ha (kg DM/ha/day):	66.00	Grazing Area:	20 (10.88 ha)
Demand / ha (kg DM/ha/day):	41.00	Reseed:	0 (0.00 ha)
Demand / day (kg DM/day):	450.00	Silage - Cut Later:	0 (0.00 ha)
Days ahead:	24.00	Silage - Cut Now:	0 (0.00 ha)
Kg LWT / ha:	0.00	Other:	0 (0.00 ha)



1. We have 30 cows calved and milking in this group.
2. Average farm cover (AFC) is 967 kg DM/ha (350 kg DM/LU).
3. Growth rate last week was 66 kg DM/ha per day.
4. Stocking rate is 2.76 LU/ha and demand is 41 kg DM/ha per day.
5. Grass growth was good last week so AFC is increasing and is on target (see budget below). We have introduced 2 kg of concentrate to lower demand to ensure that AFC continues to increase.
6. Pre-grazing yield is 1900 and we are allocating 15 kg DM of grass and 2 kg of concentrate is being fed. Magnesium is being administered through the water.
7. Cows are currently milking 16.9 kg at 4.97% fat and 4.27% protein giving 1.55 kg milk solids/cow.



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

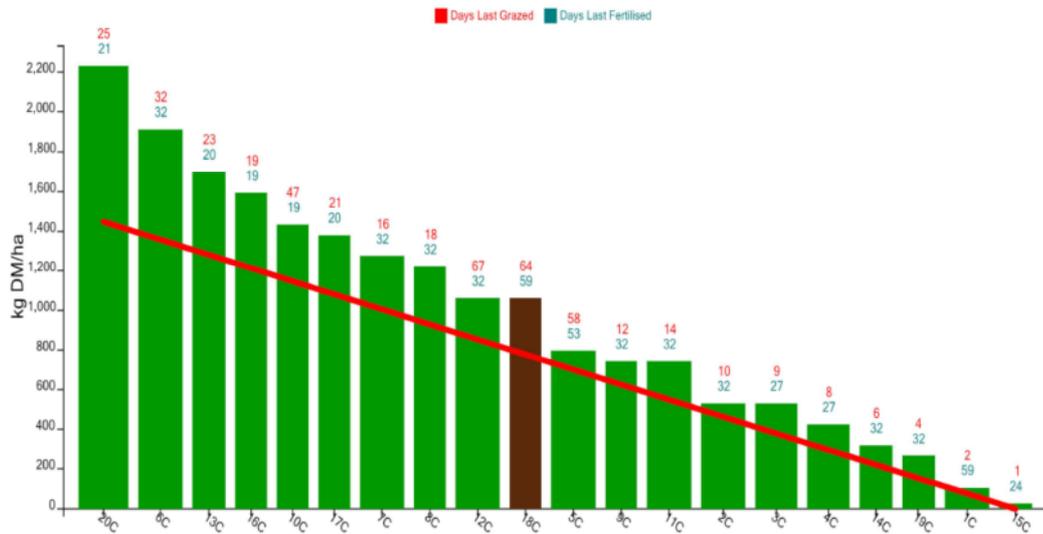
Group: Teagasc Dairy Research Farms	Cover Date: 11/09/2017
Farm: Clonakilty Farm	Treatment: TC

### Management Decisions

Rotation Length (days):	35	Residual Height (cm)	4
Target Pre-Grazing (kg DM/ha):	1449		

### Cover Parameters

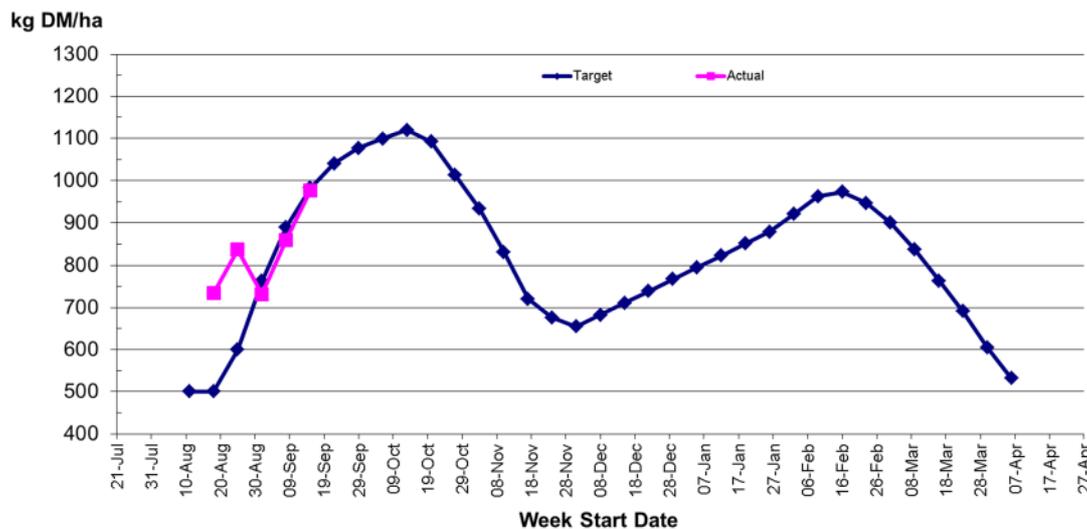
Farm Cover (kg DM/ha):	977.00	Total LU:	30.00
Cover / LU (kg DM/LU):	354.00	LU / ha:	2.76
Growth/ha (kg DM/ha/day):	68.00	Grazing Area:	20 (10.88 ha)
Demand / ha (kg DM/ha/day):	41.00	Reseed:	0 (0.00 ha)
Demand / day (kg DM/day):	450.00	Silage - Cut Later:	0 (0.00 ha)
Days ahead:	24.00	Silage - Cut Now:	0 (0.00 ha)
Kg LWT / ha:	0.00	Other:	0 (0.00 ha)



1. We have 30 cows calved and milking in this group.
2. Average farm cover (AFC) is 977 kg DM/ha (254 kg DM/LU).

- Growth rate last week was 68 kg DM/ha per day.
- Stocking rate is 2.76 LU/ha and demand is 41 kg DM/ha per day.
- Grass growth was good last week so AFC is increasing and is on target (see budget below). We have introduced 2 kg of concentrate to lower demand to ensure that AFC continues to increase.
- Pre-grazing yield is 2200 and we are allocating 15 kg DM of grass and 2 kg of concentrate is being fed. Magnesium is being administered through the water.
- Cows are currently milking 17.0 kg at 4.87% fat and 4.13% protein giving 1.52 kg milk solids/cow.

**Tetraploid + clover Autumn/Spring Feed Budget Targets**



### Whole farm update

- 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.
- Cows are currently milking 16.5 kg/day at 4.94% fat, 4.09% protein and 4.62% lactose. Milk solids per cow are 1.47 kg/day. Latest results from the processor 4.86% fat, 4.49% protein, 4.68% lactose and 97 SCC, TBC 2. Average bodyweight of milking cows is 494 kg and average body condition score is 2.97.
- Average farm cover on the general area is 849 kg DM/ha (347 kg DM/LU). Demand is 35 kg DM/ha per day and growth rate on the general area last week was 63 kg DM/ha per day. Stocking rate is 2.45 LU/ha. We have 63 general cows milking and they are being allocated 16 kg DM of grass and 2 kg of concentrate.
- We started breeding on Monday the 25<sup>th</sup> of April. 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. Eighty two percent of the cows have been scanned incalf in the first 6 weeks of the breeding season. Overall empty rate for the herd was 5.5%