

Weekly update Clonakilty Dairy – 22 September 2014

Tetraploid swards (2.75 cows/ha)



Date Produced: 25-09-2014

PastureBase-Ireland

Grass Measurement Report

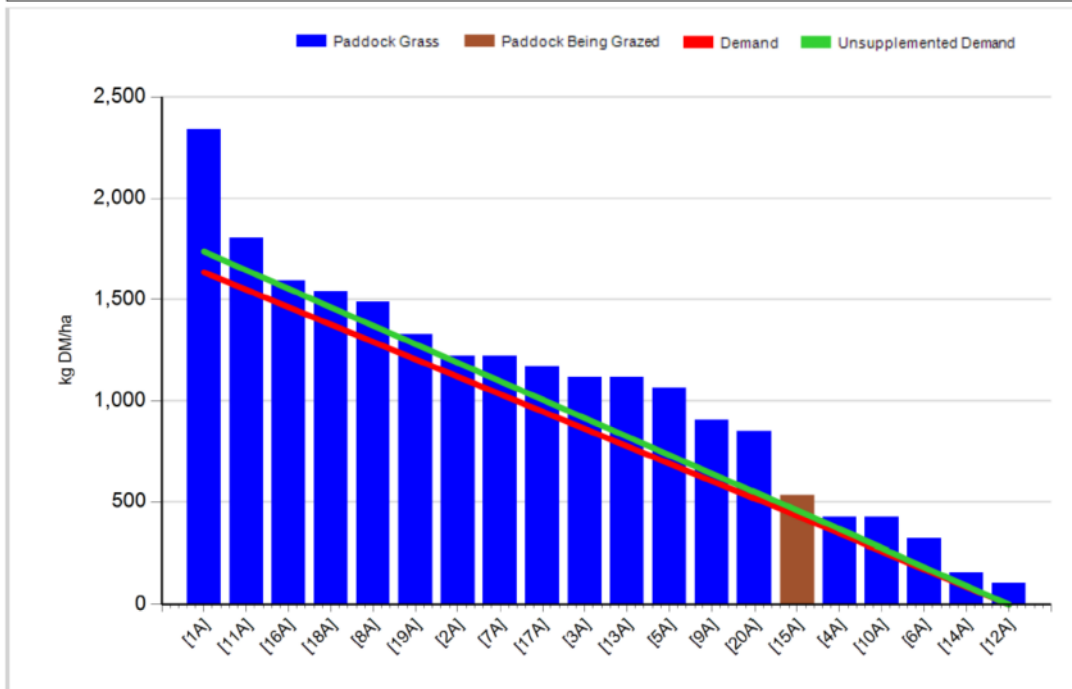
Group:	Cover Date: 22/09/2014
Farm: Clonakilty Farm	Treatment: T

Management Decisions

Rotation Length (days):	37	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 (kg/ha/day):	47
Total Livestock (LU):	30.0	Farm Demand (kg DM/ha/day):	44
Farm Cover (kg DM/ha):	1036	Target Pre-grazing yield (kg DM/ha):	1634
Farm Cover (kg DM/LU):	375	Days Ahead:	24
Stocking Rate (LU/ha):	2.76	LW/ha (Liveweight/ha):	



1. Average farm cover (AFC) is 1036 kg DM/ha (375 kg DM/LU)
2. Growth rate last week was 47 kg DM/ha per day
3. Stocking rate is 2.76 LU/ha and demand is 44 kg DM/ha per day
4. AFC has increased to 1036 kg DM/ha, which is right on target (See budget below) as we were still supplementing with 3 kg DM of silage last week. However, growth rates are still not high enough for us to stop supplementing, as we would have a demand of 47 kg DM/ha per day if we

stopped supplementing. We will stop feeding silage this week, instead we have introduced 1 kg of concentrate in order to lower demand to build AFC. We think we should grow at least 50 kg DM/ha this week after the rain we have received over the last few days.

- Pre-grazing yield is 2300 and we are allocating 15 kg DM of grass per cow. Cows are being allocated 2 kg of concentrate. Minerals are being given to the cows through the dosatron into the water.

Diploid swards (2.75 cows/ha)



Date Produced: 25-09-2014

PastureBase-Ireland

Grass Measurement Report

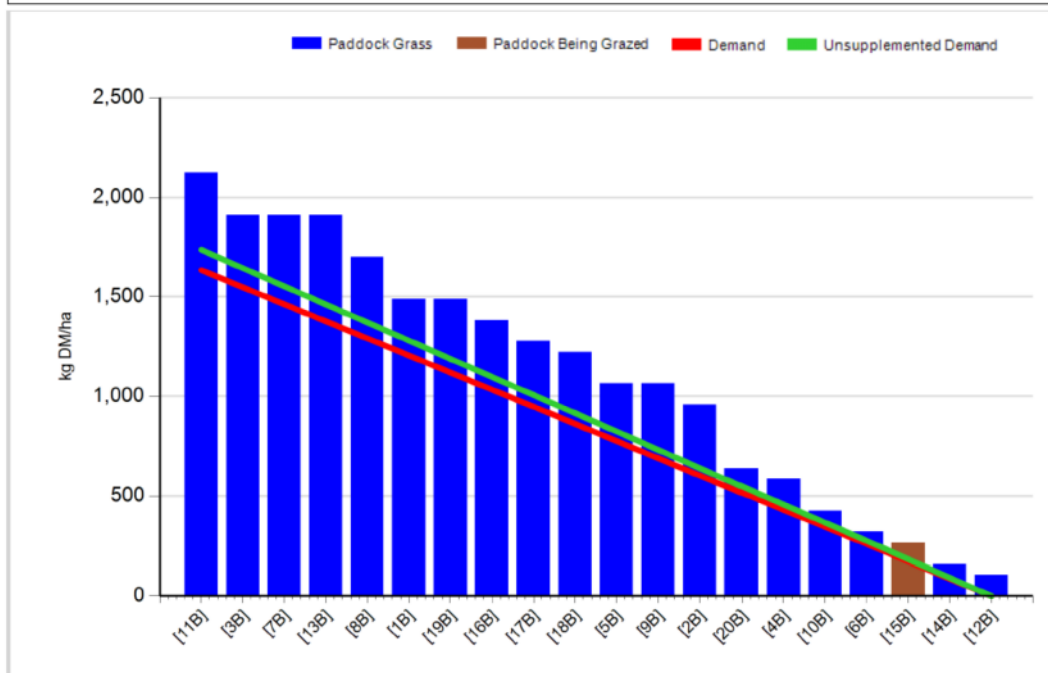
Group:	Cover Date: 22/09/2014
Farm: Clonakilty Farm	Treatment: D

Management Decisions

Rotation Length (days):	37	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		

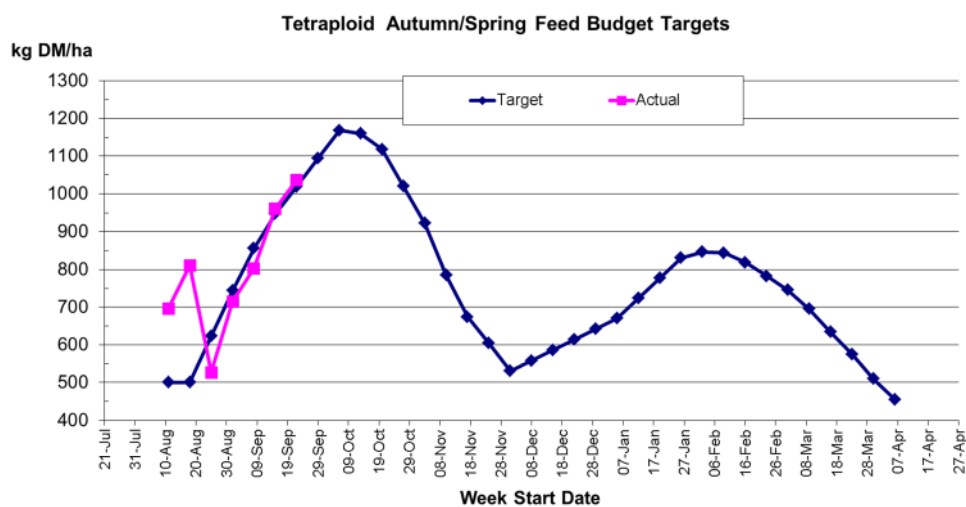
Cover Parameters

Grass Allocation/LU (kg DM/LU):	16.0	Growth Rate (kg/ha/day):	44
Total Livestock (LU):	30.0	Farm Demand (kg DM/ha/day):	44
Farm Cover (kg DM/ha):	1096	Target Pre-grazing yield (kg DM/ha):	1634
Farm Cover (kg DM/LU):	397		
Stocking Rate (LU/ha):	2.76		



- Average farm cover 1096 kg DM/ha (397 kg DM/LU)
- Growth rate last week was 44 kg DM/ha per day
- Stocking rate is 2.76 LU/ha and demand is 44 kg DM/ha per day

6. Grass growth increased last week from 36 kg DM/ha per day the previous week to 44 kg DM/ha per day this week. AFC increased (to 1096 kg DM/ha, which is on target) due to the fact that we were feeding silage (3 kg DM/ cow per day; a demand of 35 kg DM/ha per day). However, growth rates are still not high enough for us to stop supplementing, as we would have a demand of 47 kg DM/ha per day if we stopped supplementing. We have decided to stop feeding silage and have introduced 1 kg of concentrate. We think we should grow at least 50 kg DM/ha this week after the rain we have received over the last few days. We may reduce the amount of concentrate depending on grass growth; we will monitor the situation closely.
4. Pre-grazing yield is 2200 and we are allocating 15 kg DM of grass per cow. Cows are being allocated 2 kg concentrate. Minerals are being given to the cows through the dosatron into the water.



Whole farm update

1. Cows are currently milking 16.4 kg/day at 4.68% fat, 4.06% protein and 4.73% lactose. Milk solids per cow are 1.42 kg/day. Latest results from the processor 4.98% fat, 4.18 % protein, 4.68% lactose, 144 SCC and TBC is 5. Average bodyweight of milking cows is 524 kg and average body condition score is 2.88.
2. Average farm cover on the general area is 944 kg DM/ha (381 kg DM/LU). Demand is 37 kg DM/ha per day and growth rate on the general area last week was 54 kg DM/ha per day. Stocking rate is 2.48 LU/ha. General cows are receiving 3 kg concentrate/day to lower demand to increase AFC.
3. Breeding started on the 20th of April with the stock bulls being removed on Monday, the 14th of July, after a 12 week breeding season. 47 out of the 49 heifers are in-calf.
4. Overall empty rate for the herd is 10.5% this year.