Weekly update Clonakilty Dairy - 21 September 2015

Tetraploid swards (2.75 cows/ha)

Group:	Co	ver 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		
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- 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.

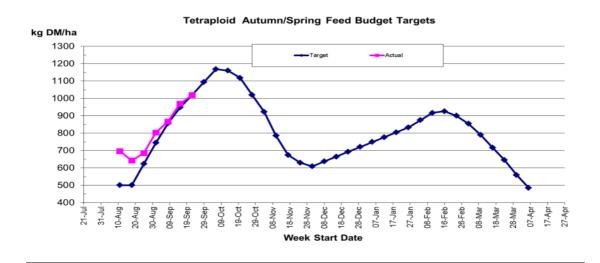
7. This group of cows are currently milking 15.4 kg/day at 4.98% fat and 4.35% protein. Milk solids per cow are 1.42 kg/day.

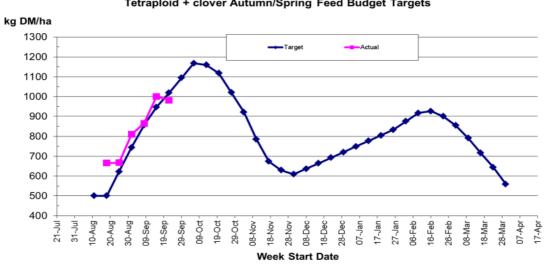
Tetraploid + clover swards (2.75 cows/ha)

Group:	Cover Date: 21/09/2015 Treatment: TC				
Farm: Clonakilty Farm					
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		
Form Cover /kg DM/LLI):	356	Days Ahead:	22		
-arm Cover (kg DIM/LO):			0		
Stocking Rate (LU/ha):	2.76 dock Grass	LW/ha (Liveweight/ha): Paddock Being Grazed Demand Unsupple			
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- 1. We have 30 cows calved and milking in this group.
- 2. Average farm cover 982 kg DM/ha (356 kg DM/LU).
- 3. Growth rate last week was 56 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 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.

- 6. 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.
- 7. 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.





Tetraploid + clover Autumn/Spring Feed Budget Targets

Whole farm update

- 1. 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.
- 2. 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.
- 3. 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.