Weekly update Clonakilty Dairy - 08 August 2016

Tetraploid swards (2.75 cows/ha)

Farm: Clonakilty Farm Management Decisions Rotation Length (days): Grass Allocation/Cow (kg DM/cow): No. of Cows: Concentrate Fed (kg/cow): Grass Allocation/LU (kg DM/LU): Total Livestock (LU): Farm Cover (kg DM/ha): Farm Cover (kg DM/LU): Total Cover (kg DM/LU): Total Cover (kg DM/ha): Farm Cover (kg DM/LU): Total Cover (kg DM/LU): Total Cover (kg DM/LU): Total Livestock (LU): Farm Cover (kg DM/LU): Total Cover (kg DM/LU): Total Cover (kg DM/LU): Target Pre-grazing yield (kg DM/ha): Stocking Rate (LU/ha): Paddock Grass Paddock Being Grazed Demand Unsupplement	0.0 4.0
Rotation Length (days): Grass Allocation/Cow (kg DM/cow): No. of Cows: Concentrate Fed (kg/cow): Grass Allocation/LU (kg DM/LU): Total Livestock (LU): Farm Cover (kg DM/ha): Farm Cover (kg DM/LU): Total Cover (kg DM/LU): Total Livestock (LU): Target Pre-grazing yield (kg DM/ha): LW/ha (Liveweight/ha):	4.0
Grass Allocation/Cow (kg DM/cow): No. of Cows: Concentrate Fed (kg/cow): Cover Parameters Grass Allocation/LU (kg DM/LU): Total Livestock (LU): Farm Cover (kg DM/ha): Farm Cover (kg DM/LU): Total Livestock (kg DM/LU): Target Pre-grazing yield (kg DM/ha): Farm Cover (kg DM/LU): Stocking Rate (LU/ha): 17.0 Residual Height (cm): 17.0 Growth Rate: 17.0 Days Ahead: 17.0 Growth Rate: 17.0 Days Ahead: 17.0 LW/ha (Liveweight/ha):	4.0
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Concentrate Fed (kg/cow): Cover Parameters Grass Allocation/LU (kg DM/LU): Total Livestock (LU): Farm Cover (kg DM/ha): Farm Cover (kg DM/LU): Total Livestock (LU): Target Pre-grazing yield (kg DM/ha): Farm Cover (kg DM/LU): Days Ahead: Stocking Rate (LU/ha): 3.14 LW/ha (Liveweight/ha):	59
Cover Parameters Grass Allocation/LU (kg DM/LU): 17.0 Growth Rate: Total Livestock (LU): 30.0 Farm Demand (kg DM/ha/day): Farm Cover (kg DM/ha): 629 Target Pre-grazing yield (kg DM/ha): Farm Cover (kg DM/LU): 200 Days Ahead: Stocking Rate (LU/ha): 3.14 LW/ha (Liveweight/ha):	59
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Farm Cover (kg DM/LU): 200 Days Ahead: Stocking Rate (LU/ha): 3.14 LW/ha (Liveweight/ha):	53
Stocking Rate (LU/ha): 3.14 LW/ha (Liveweight/ha):	1228
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600 kg DM/ha	
400	
200	
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- 1. We have 30 cows calved and milking in this group.
- 2. Average farm cover (AFC) is 629 kg DM/ha (200 kg DM/LU).
- 3. Growth rate last week was 59 kg DM/ha per day.
- 4. Stocking rate is 3.14 LU/ha and demand is 53 kg DM/ha per day.
- 5. We skipped paddock 20 last week and we skipped paddock 6 this week. We will cut these this week as soon as the weather improves to reduce demand.
- 6. Pre-grazing yield is 1250 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.
- 7. Current milk yield for this group is 18.6 kg/day at 4.88% fat and 3.90% protein giving 1.63 kg milk solids/cow per day.

Tetraploid + clover swards (2.75 cows/ha)

Group: Cover Date: 08/08/2016				
Farm: Clonakilty Farm	Treatment: TC			
Management Decisions				
Rotation Length (days):	23	Silage Fed (kg DM/cow):	0.0	
Grass Allocation/Cow (kg DM/cow):	17.0	Residual Height (cm):	4.0	
No. of Cows:	30			
Concentrate Fed (kg/cow):	0.0			
Cover Parameters				
Grass Allocation/LU (kg DM/LU):	17.0	Growth Rate:	74	
Total Livestock (LU):	30.0	Farm Demand (kg DM/ha/day):	56	
Farm Cover (kg DM/ha):	726	Target Pre-grazing yield (kg DM/ha):	1282	
Farm Cover (kg DM/LU):	221	Days Ahead:	13	
Stocking Rate (LU/ha):	3.28	LW/ha (Liveweight/ha):	0	
1,600	ck Grass	Paddock Being Grazed Demand Unsupplei	mented Demand	
1,600 1,400 1,200 1,000	ck Grass	Paddock Being Grazed Demand Unsupplet	mented Demand	
1,600 1,400 1,200 1,000	ick Grass	Paddock Being Grazed Demand Unsupplet	mented Demand	
1,600 1,400 1,200 1,000 800	ck Grass	Paddock Being Grazed Demand Unsupplet	mented Demand	
1,600 1,400 1,200 1,000 800 600	ck Grass	Paddock Being Grazed Demand Unsupplet	mented Demand	

- 1. We have 30 cows calved and milking in this group.
- 2. Average farm cover (AFC) is 726 kg DM/ha (221 kg DM/LU).
- 3. Growth rate last week was 74 kg DM/ha per day.
- 4. Stocking rate is 3.28 LU/ha and demand is 56 kg DM/ha per day.
- 5. We skipped paddock 6 last week and we skipped paddocks 12 and 13 this week. We will cut these paddocks this next week as soon as the weather improves to reduce the demand.
- 6. Pre-grazing yield is 1400 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.
- 7. Current milk yield for this group is 22.0 kg/day at 4.39% fat and 3.83% protein giving 1.79 kg milk solids/cow per day.

Whole farm update

- 1. We had 205 cows to calve this year. There are 180 cows being milked. All cows are calved. Some late calving cows were sold before they calved, some were sold after calving and some culls went to the factory.
- 2. Latest results from the processor 4.63% fat, 4.03% protein, 4.75% lactose and 167 SCC, TBC 3. Average bodyweight of milking cows is 513 kg and average body condition score is 2.97.
- 3. Average farm cover on the general area is 669 kg DM/ha (234 kg DM/LU). Demand is 37 kg DM/ha per day and growth rate on the general area last week was 75 kg DM/ha per day. Stocking rate is 2.86 LU/ha. We skipped paddock 39 this week and we will bale it as soon as the weather improves. We are allocating 16 kg DM of grass and 1 kg of concentrate.
- 4. Breeding started on Monday the 25th of April. We had 96% of the cows submitted in 21 days and we had 88% of the heifers submitted in 12 days. We finished breeding on Friday the 15th of July. Initial scanning results are looking good for the cows with a six week in-calf rate of over 85%.