

Weekly update Clonakilty Dairy – 9 May 2017

Tetraploid swards (2.75 cows/ha)

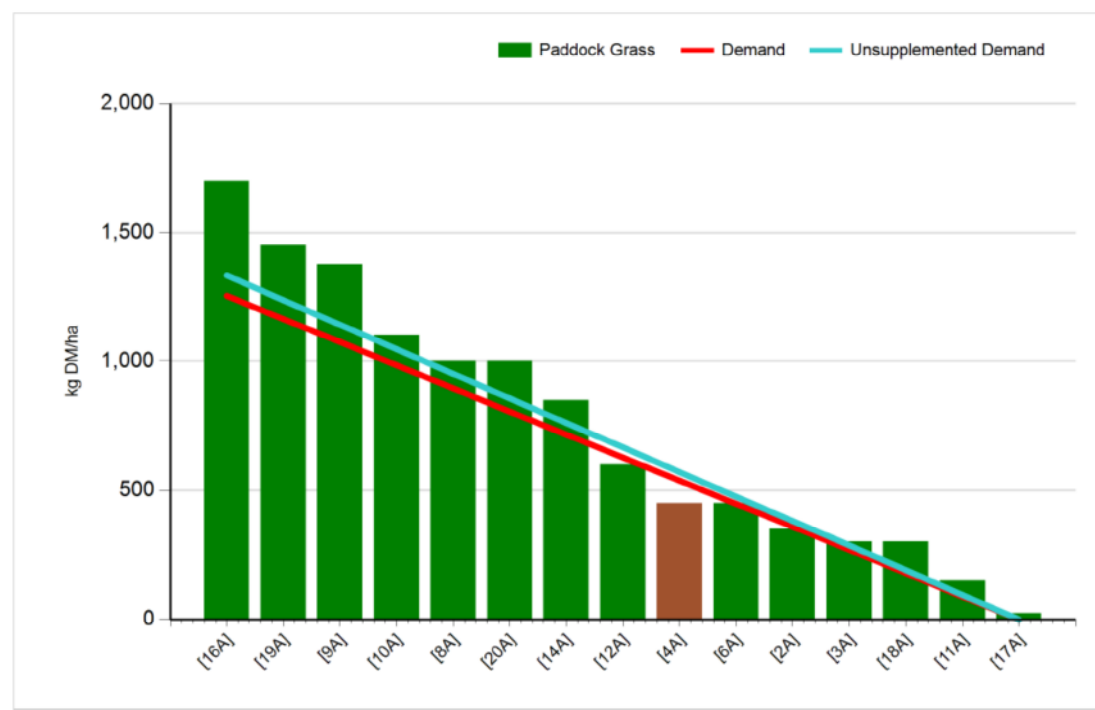
Group: Teagasc Dairy Research Farms	Cover Date: 08/05/2017
Farm: Clonakilty Farm	Treatment: T

Management Decisions

Rotation Length (days):	21	Residual Height (cm)	4
Target pre-gaze (kg DM/ha):	1253	Estimation Method:	Visual Assessment - Available

Cover Parameters

Farm Cover (kg DM/ha):	704.00	Total LU:	30.00
Cover / LU (kg DM/LU):	189.00	LU / ha:	3.73
Growth / Ha (kg DM/ha/day):	71.00	Measured:	20 (10.88 Ha)
Demand / ha (kg DM/ha/day):	60.00	Reseeded:	0 (0.00 Ha)
Demand / day (kg DM/day):	480.00	Silage:	5 (2.83 Ha)
Days ahead:	12.00		
Kg LWT / Ha:	0.00		



1. We have 30 cows calved and milking in this group.
2. Average farm cover (AFC) is 704 kg DM/ha (189 kg DM/LU).
3. Growth rate last week was 71 kg DM/ha per day.
4. Stocking rate is 3.73 LU/ha and demand is 63 kg DM/ha per day.
5. When we walked the farm on the 2nd of May growth was only 48 kg DM/ha per day and cover/LU was 162 kg/LU so we started feeding 3 kg of concentrate to reduce demand to 52 kg DM/ha per day. Since then growth has been good at 71 kg DM/ha per day so cover/LU has increased to 189 kg DM/LU. We have reduced concentrate to 1 kg and if growth remains strong for the rest of the week we will probably remove it by the weekend.

6. Pre-grazing yield is 1600 and we are allocating 16 kg DM of grass and 1 kg of concentrate. Minerals (Mg, I, Se, Zn, Cu and Co) are being administered through the water.
7. Cows are currently milking 26.3 kg at 3.83% fat and 3.71% protein giving 1.98 kg milk solids/cow.

Tetraploid + clover swards (2.75 cows/ha)

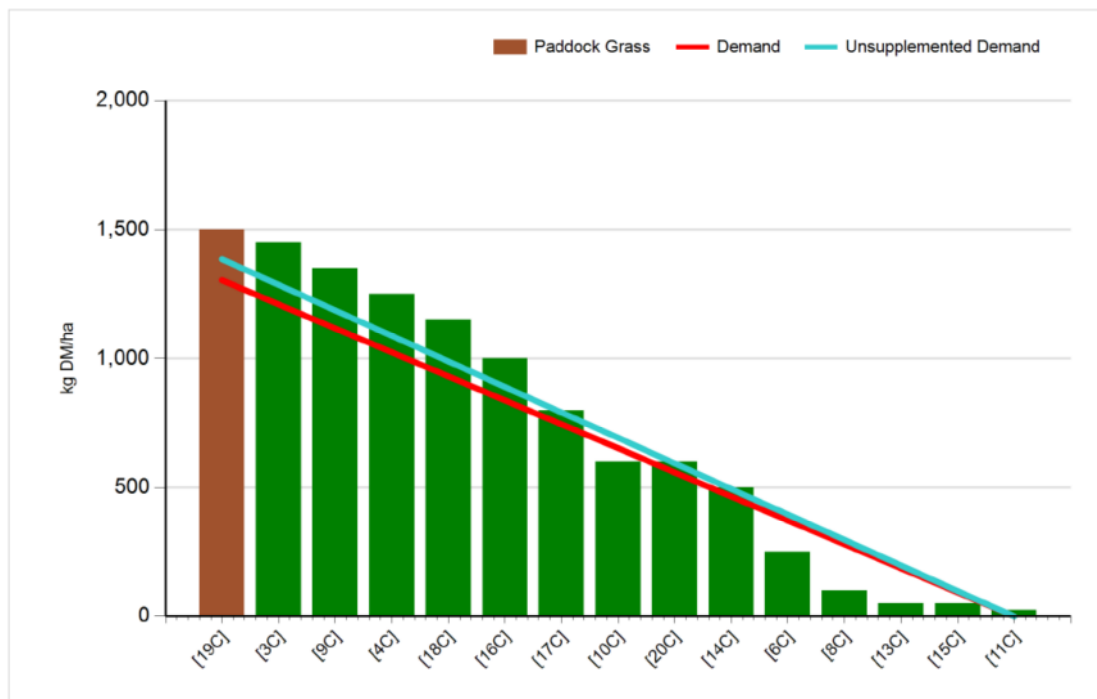
Group: Teagasc Dairy Research Farms	Cover Date: 08/05/2017
Farm: Clonakilty Farm	Treatment: TC

Management Decisions

Rotation Length (days):	21	Residual Height (cm)	4
Target pre-gaze (kg DM/ha):	1304	Estimation Method:	Visual Assessment - Available

Cover Parameters

Farm Cover (kg DM/ha):	702.00	Total LU:	30.00
Cover / LU (kg DM/LU):	181.00	LU / ha:	3.88
Growth / Ha (kg DM/ha/day):	60.00	Measured:	20 (10.88 Ha)
Demand / ha (kg DM/ha/day):	62.00	Reseeded:	0 (0.00 Ha)
Demand / day (kg DM/day):	480.00	Silage:	5 (3.15 Ha)
Days ahead:	11.00		
Kg LWT / Ha:	0.00		



1. We have 30 cows calved and milking in this group.
2. Average farm cover (AFC) is 702 kg DM/ha (181 kg DM/LU).
3. Growth rate last week was 60 kg DM/ha per day.
4. Stocking rate is 3.88 LU/ha and demand is 66 kg DM/ha per day.
5. When we walked the farm on the 2nd of May growth was only 55 kg DM/ha per day and cover/LU was 162 kg/LU so we started feeding 3 kg of concentrate to reduce demand to 54 kg DM/ha per day. Since then growth has been good at 60 kg DM/ha per day so cover/LU has increased to 181 kg

DM/LU. We have reduced concentrate to 1 kg and if growth remains strong for the rest of the week we will probably remove it by the weekend.

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 27.2 kg at 4.09% fat and 3.60% protein giving 2.08 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. We will milk 180 cows for the year so we will sell 7 cows in the next week or two.
2. Cows are currently milking 25.3 kg/day at 4.13% fat, 3.56% protein and 4.98% lactose. Milk solids per cow are 1.94 kg/day. Latest results from the processor 4.25% fat, 3.66% protein, 5.13% lactose and 47 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 902 kg DM/ha (208 kg DM/LU). Demand is 62 kg DM/ha per day and growth rate on the general area last week was 73 kg DM/ha per day. Stocking rate is 4.34LU/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 25th of April. Cows and heifers both started on Monday. 66% of the cows were served in the first 14 days of the breeding season and all of the heifers were served in the first 12 days. We are well on track to have over 90% of the cows submitted for AI in the first 3 weeks if the breeding season.