

Weekly update Clonakilty Dairy – 30 May 2017

Tetraploid swards (2.75 cows/ha)

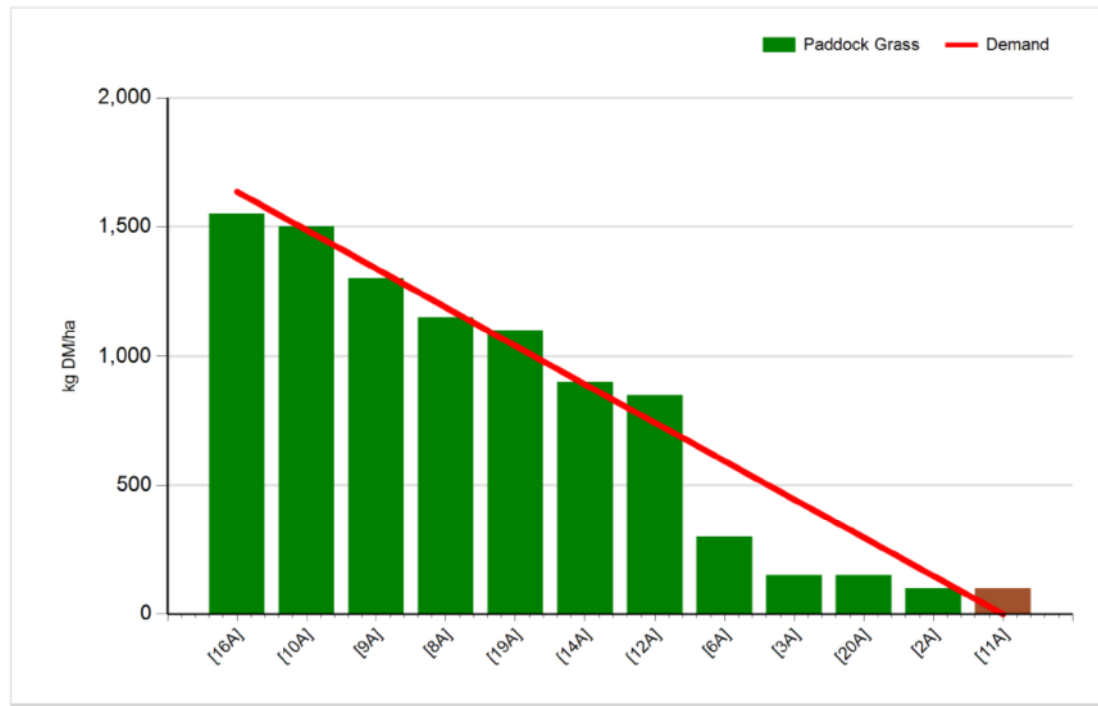
Group: Teagasc Dairy Research Farms	Cover Date: 29/05/2017
Farm: Clonakilty Farm	Treatment: T

Management Decisions

Rotation Length (days):	21	Residual Height (cm)	4
Target pre-gaze (kg DM/ha):	1635	Estimation Method:	Visual Assessment - Available

Cover Parameters

Farm Cover (kg DM/ha):	678.00	Total LU:	30.00
Cover / LU (kg DM/LU):	148.00	LU / ha:	4.58
Growth / Ha (kg DM/ha/day):	118.00	Measured:	20 (10.88 Ha)
Demand / ha (kg DM/ha/day):	78.00	Reseeded:	0 (0.00 Ha)
Demand / day (kg DM/day):	510.00	Silage:	8 (4.33 Ha)
Days ahead:	9.00		
Kg LWT / Ha:	0.00		



1. We have 30 cows calved and milking in this group.
2. Average farm cover (AFC) is 678 kg DM/ha (148 kg DM/LU).
3. Growth rate last week was 118 kg DM/ha per day.
4. Stocking rate is 4.58 LU/ha and demand is 78 kg DM/ha per day.
5. Grass growth was exceptional last week at 118 kg DM/ha per day. We skipped paddock 18 last Friday and on Monday we skipped paddocks 4 and 18. We cut paddock 20 last week with the 1st cut silage so that has come back into the rotation but our stocking rate and demand are still relatively high. Growth will be high this week again so we will continue to monitor pre-grazing yield. First cut silage was cut last week, it was wilted for 36 hours and picked up last Thursday and Friday.

- Pre-grazing yield is 1500 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.
- Cows are currently milking 23.6 kg at 4.16% fat and 3.72% protein giving 1.86 kg milk solids/cow.

Tetraploid + clover swards (2.75 cows/ha)

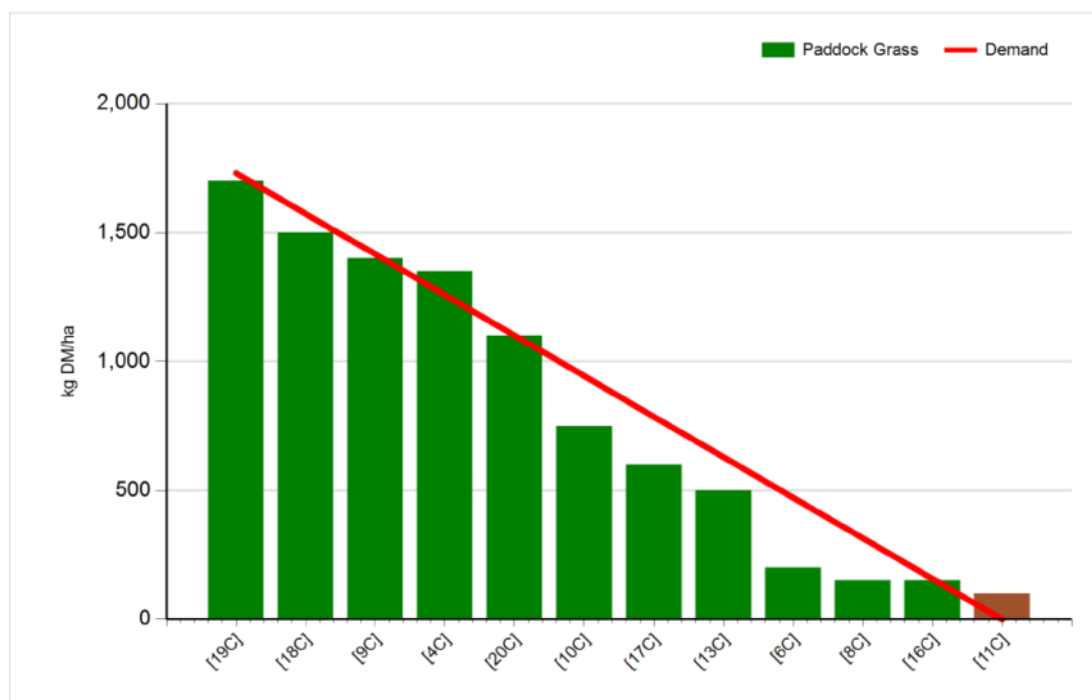
Group: Teagasc Dairy Research Farms	Cover Date: 29/05/2017
Farm: Clonakilty Farm	Treatment: TC

Management Decisions

Rotation Length (days):	21	Residual Height (cm)	4
Target pre-gaze (kg DM/ha):	1731	Estimation Method:	Visual Assessment - Available

Cover Parameters

Farm Cover (kg DM/ha):	780.00	Total LU:	30.00
Cover / LU (kg DM/LU):	161.00	LU / ha:	4.85
Growth / Ha (kg DM/ha/day):	117.00	Measured:	20 (10.88 Ha)
Demand / ha (kg DM/ha/day):	82.00	Reseeded:	0 (0.00 Ha)
Demand / day (kg DM/day):	510.00	Silage:	8 (4.69 Ha)
Days ahead:	10.00		
Kg LWT / Ha:	0.00		



- We have 30 cows calved and milking in this group.
- Average farm cover (AFC) is 780 kg DM/ha (161 kg DM/LU).
- Growth rate last week was 117 kg DM/ha per day.
- Stocking rate is 4.85 LU/ha and demand is 82 kg DM/ha per day.
- Grass growth was exceptional last week at 117 kg DM/ha per day. We skipped paddocks 15 and 3 on Monday. We cut paddock 16 last week with the 1st cut silage so that has come back into the rotation but our stocking rate

and demand are still relatively high. Growth will be high this week again so we will continue to monitor pre-grazing yield. First cut silage was cut last week, it was wilted for 36 hours and picked up last Thursday and Friday.

6. Pre-grazing yield is 1600 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 25.2 kg at 4.25% fat and 3.76% protein giving 2.02 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.
2. Cows are currently milking 24.0 kg/day at 4.11% fat, 3.69% protein and 4.89% lactose. Milk solids per cow are 1.86 kg/day. Latest results from the processor 4.32% fat, 3.71% protein, 4.93% lactose and 41 SCC, TBC 9. Average bodyweight of milking cows is 499 kg and average body condition score is 3.03.
3. Average farm cover on the general area is 747 kg DM/ha (153 kg DM/LU). Demand is 69 kg DM/ha per day and growth rate on the general area last week was 119 kg DM/ha per day. Stocking rate is 4.89 LU/ha. We have 63 general cows milking 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. 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.