

Weekly update Clonakilty Dairy – 23 May 2017

Tetraploid swards (2.75 cows/ha)

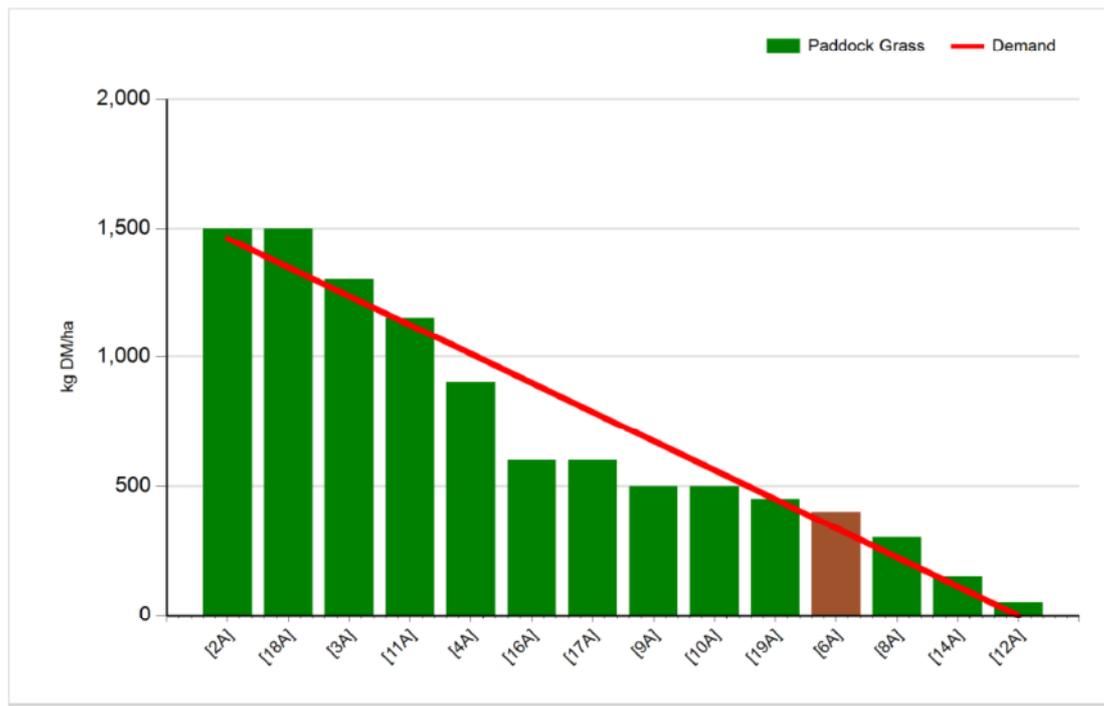
Group: Teagasc Dairy Research Farms	Cover Date: 22/05/2017
Farm: Clonakilty Farm	Treatment: T

Management Decisions

Rotation Length (days):	21	Residual Height (cm)	4
Target pre-gaze (kg DM/ha):	1460	Estimation Method:	Visual Assessment - Available

Cover Parameters

Farm Cover (kg DM/ha):	728.00	Total LU:	30.00
Cover / LU (kg DM/LU):	178.00	LU / ha:	4.09
Growth / Ha (kg DM/ha/day):	78.00	Measured:	20 (10.88 Ha)
Demand / ha (kg DM/ha/day):	69.00	Reseeded:	0 (0.00 Ha)
Demand / day (kg DM/day):	510.00	Silage:	6 (3.54 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 728 kg DM/ha (178 kg DM/LU).
3. Growth rate last week was 78 kg DM/ha per day.
4. Stocking rate is 4.09 LU/ha and demand is 69 kg DM/ha per day.
5. Average farm cover and cover/LU increased last week as growth was higher than demand. We have a good wedge and cover/LU of 178 kg DM/LU so we are in a good position. However, we will monitor pre-grazing yield closely as growth will probably be high this week so paddocks could go too strong quickly. We will skip paddocks if pre-grazing yield goes above 1600 kg DM/ha. We will cut the 1st cut silage this week, paddocks were mown Tuesday evening and Wednesday and will be picked up on Thursday.

- 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 23.5 kg at 4.00% fat and 3.64% protein giving 1.79 kg milk solids/cow.

Tetraploid + clover swards (2.75 cows/ha)

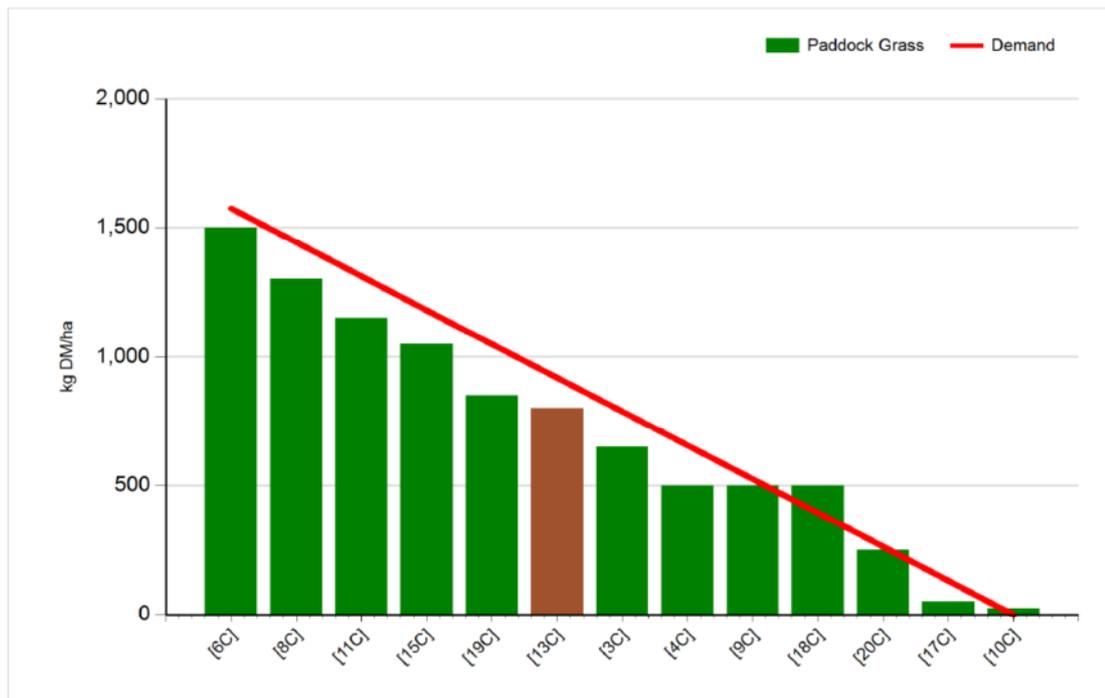
Group: Teagasc Dairy Research Farms	Cover Date: 22/05/2017
Farm: Clonakilty Farm	Treatment: TC

Management Decisions

Rotation Length (days):	21	Residual Height (cm)	4
Target pre-gaze (kg DM/ha):	1574	Estimation Method:	Visual Assessment - Available

Cover Parameters

Farm Cover (kg DM/ha):	713.00	Total LU:	30.00
Cover / LU (kg DM/LU):	162.00	LU / ha:	4.41
Growth / Ha (kg DM/ha/day):	90.00	Measured:	20 (10.88 Ha)
Demand / ha (kg DM/ha/day):	75.00	Reseeded:	0 (0.00 Ha)
Demand / day (kg DM/day):	510.00	Silage:	7 (4.07 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 713 kg DM/ha (162 kg DM/LU).
- Growth rate last week was 90 kg DM/ha per day.
- Stocking rate is 4.41 LU/ha and demand is 75 kg DM/ha per day.
- Average farm cover and cover/LU increased last week as growth was higher than demand. We skipped paddock 14 on Monday as there was a cover of 1400 kg DM/ha on it and cover per/LU was close to 190 kg DM/cow. This

dropped cover/LU to 162 kg DM/LU but we have a good wedge and we are confident that growth will be high this week so we are happy with the position we are in. We will monitor pre-grazing yield closely as paddocks could go too strong quickly. We will skip paddocks if pre-grazing yield goes above 1600 kg DM/ha. We will cut the 1st cut silage this week, paddocks were mown Tuesday evening and Wednesday and will be picked up on Thursday.

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 26.0 kg at 3.68% fat and 3.64% protein giving 1.89 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 24.4 kg/day at 3.99% fat, 3.58% protein and 4.97% lactose. Milk solids per cow are 1.84 kg/day. Latest results from the processor 4.15% fat, 3.75% protein, 4.93% lactose and 56 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 805 kg DM/ha (181 kg DM/LU). Demand is 63 kg DM/ha per day and growth rate on the general area last week was 95 kg DM/ha per day. Stocking rate is 4.44 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.