

## Johnstown Castle Winter Milk Herd- Weekly Management Notes - 03/07/17

- We had a bit of a broken week in terms of the weather, total rainfall for the week was 25.8mm, with an average soil temp of 17.2°C. The rainfall will have done no harm at all in terms of keeping grass growing. We took the opportunity of the good weekend to do some second cut silage (being baled today). On the autumn herd pre-grazing yields are back near the target of ~1400kgs Dm/ha, quality is good.
- With the spring calved cows, pre-grazing yields are a little on the low side, but we still have adequate grass and very good quality. After taking a big drop about 15 days ago, during the heavy rainfall week, production for the past couple of weeks has been very steady. The sweeper bulls are entering their final couple of weeks with the cows and activity seems to be low.
- All replacement stock were weighed last week (see table below), we're happy that all groups are on or near target, the autumn born weanlings due to be served in Mid-December are ~30kgs lighter than last year's equivalents, but we're not that concerned as last year's heifers were 10-20kgs above target. The group appear to be thriving well at the moment & with good quality grass I expect them to do well over the next couple of months (we still have 170 days to gain 120-130kgs). This year's spring replacement calves have all been weaned at this stage and are still being fed 1.0kgs of calf ration, we might drop this out over the next couple of weeks, as they'll be grazing fresh after-grass.

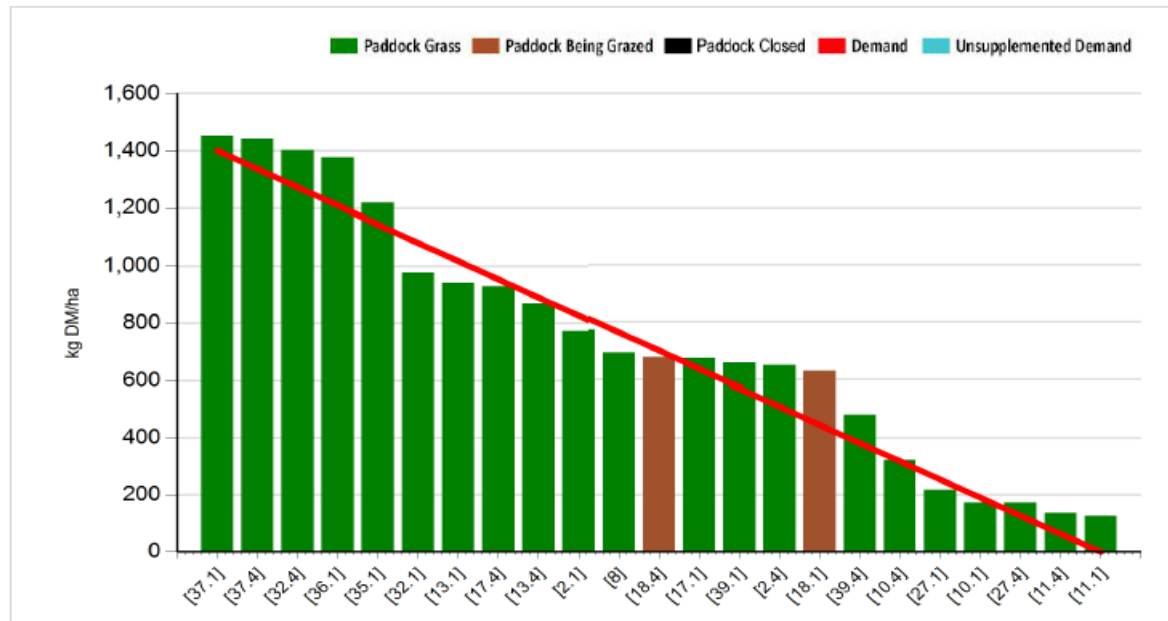
	<b><i>This week (03/07/17)</i></b>	<b>Autumn Calving Herd</b>	<b>Spring Calving Herd</b>
<b>Production</b>	% of Herd Milking	100%	100%
	Milk Kg	19.4	25.3
	Fat %	4.62	3.85
	Protein %	3.84	3.45
	Milk Solids kg	1.63	1.85
<b>Intake</b>	Grazed Grass kgs/dm/cow (estimate)	16	17
	Silage kgs/dm/cow	0	0
	Maize silage kgs/dm/cow	0	0
	Concentrate in TMR – kgs/dm/cow	0	0
	Parlour concentrate kgs/dm/cow	2	2
<b>Totals</b>	<b><i>Lactation to date per cow</i></b>	Mean calving date 10 <sup>th</sup> Oct	Mean calving date 7 <sup>th</sup> March
	Days in Milk	266	118
	Milk kg	6763	3147
	Milk Solids kg	523	229
	Concentrate Fed	1127kg in parlour (1308kg total)	295

### Management Decisions

Rotation Length (days):	20	Residual Height (cm)	4
Target pre-gaze (kg DM/ha):	1400	Estimation Method:	Visual Assessment - Available

### Cover Parameters

Farm Cover (kg DM/ha):	752.00	Total LU:	60.00
Cover / LU (kg DM/LU):	222.00	LU / ha:	3.39
Growth / Ha (kg DM/ha/day):	57.00	Measured:	27 (20.61 Ha)
Demand / ha (kg DM/ha/day):	58.00	Reseeded:	0 (0.00 Ha)
Demand / day (kg DM/day):	1020.00	Silage:	0 (0.00 Ha)
Days ahead:	13.00		
Kg LWT / Ha:	0.00		



Group	Autumn 2014 D.O.B: 3/10/14 Avg EBI:	Spring 2015 D.O.B: 17/02/15 Avg EBI:	Autumn 2015 D.O.B: 01/10/15 Avg EBI:	Spring 2016 D.O.B: 09/02/16 Avg EBI:	Autumn 2016 D.O.B: 06/10/16 Avg EBI:	Spring 2017 D.O.B: 19/02/17 Avg EBI:
Birth	39	36	41	37	41	38
21-Apr-15	186					
28-Jul-15	288	158				
31-Aug-15	317	191				
30-Sep-15	351	220				
11-Dec-15	381 (breeding)	267	93			
20-Jan-16	403	294	136			
30-Mar-16	441	330	183			
25-Apr-16	445	351 (breeding)	203			
10-Jun-16	503	404	258	129		
12-Jul-16	527	417	279	166		
24-Aug-16	579	471	309	208		
10-Oct-16		508	345	258		
3-Nov-16		548		280		
12-Dec-16		553	370 (breeding)	303		
11-Jan-17		568	377	296	110	
12-Apr-17			443	336 (breeding)	170	
21-Jun-17			539	421	229	129