

Johnstown Castle Winter Milk Herd Weekly Management Notes - 22/07/19

- Rainfall total for the past **two** weeks was 20.5mm. Soil moisture deficits had reached over 50 last week but their back down to the mid-forties at present. We missed most of the heavy rainfall that fell in many areas over the past week, but the 10mm that we got last Friday definitely helped halt some “burning” that was starting to effect the drier paddocks. Growth is well below normal for the time of year (mid 20s), but is not impacting greatly on us as 1) all paddocks are available for grazing after 2nd cut and 2) our demand has reduced significantly now that we’re drying off 60% of autumn calvers.
- Given that we did get some rain over the past week and there’s a possibility of more over the next few days, we’ll go ahead with our next round of fertiliser as planned within the next week, but probably at a lighter rate of just 20kgs/ha.
- The spring breeding season has finished since last Friday, so hopefully activity will remain as quite or quieter as it has been for the past few weeks!
- The autumn calving cows which will be dried off this week have been grouped separately for the past week – in order to restrict these pre-dry off & get milk yield below 8-10L (still milked twice daily until dry off)
- All replacement stock have had a very good spring/early summer and are well on target (see table below), some of these groups are getting vaccinations over the coming weeks for Salmonella, IBR & clostridial booster

	<i>This week (22/07/19)</i>	Autumn Calving Herd	Spring Calving Herd
Production	% of Herd Milking	100% (60% being dried off this week)	100%
	Milk Kg	16.1	25.1
	Fat %	4.66	4.23
	Protein %	4.03	3.62
	Milk Solids kg	1.39	1.96
Intake Estimates	Grazed Grass kgs/dm/cow	16.0 kgs	17.0 kgs
	Silage kgs/dm/cow		
	Maize silage kgs/dm/cow		
	Concentrate in TMR –		
	Parlour concentrate	0.8 kgs	2.0 kgs
Totals	<i>Lactation to date per cow</i>	Mean calving date 10 th October	Mean calving date 20 th Feb
	Days in Milk	287	154
	Milk kg	7304	4076
	Milk Solids kg	594	310
	Concentrate Fed	1265kg in parlour (1555 kgs total)	458kg

Replacement Weights

Group	Autumn 2016	Spring 2017	Autumn 2017	Spring 2018	Aut 2018	Spring 2019
	D.O.B: 06/10/16 Avg EBI:	D.O.B: 19/02/17 Avg EBI:	D.O.B: 02/10/17 Avg EBI: 188	D.O.B: 11/02/17 Avg EBI: 188	D.O.B: 30/09/18 Avg EBI: 206	D.O.B: 22/02/19 Avg EBI: 185
Birth	41	38	40	40	40	37
11-Jan-17	110					
12-Apr-17	170					
21-Jun-17	229	129				
25-Jul-17	260	162				
12-Sep-17	294	211				
25-Oct-17	339	242				
22-Nov-17	360 (breeding)	252	85			
21-Dec-17		287	103			
6-Mar-18	424	321	171			
23-Apr-18		339 (breeding)				
15-May-18				111		
19-Jun-18	510	400	252	135		
10-Sep-18	568 (calving)	452	325	215		
23-Oct-18		512	344	236		
30-Nov-18		508	360 (breeding)	265	81	
3-Jan-19		551 (calving)	395	278	123	
11-Mar-19			436		189	
12-Apr-19				371 (breeding)		
22-May-19					246	103
16-Jul-19			549		287	144

Cover Date: 22/07/2019	
Farm: Johnstown Dairy	Treatment: Autumn Reds
Management Decisions	
Rotation Length (days):	20 Residual Cover (cm) 4
Target Pre-Grazing (kg DM/ha):	1014

Cover Parameters	
Farm Cover (kg DM/ha):	621.00 Total LU: 40.0
Cover / LU (kg DM/LU):	172.00 LU / ha: 3.62
Growth/ha (kg DM/ha/day):	26(27) Grazing Area: 11.05 ha (14)
Demand / ha (kg DM/ha/day):	51.00 Reseed: 0.00 ha (0)
Demand / day (kg DM/day):	560.00 Silage - Cut Later: 0.00 ha (0)
Days ahead:	12.00 Silage - Cut Now: 0.00 ha (0)
Kg LWT / ha:	0.00 Other: 0.00 ha (0)
	Rotation Length Back (Days): 27

