

## Johnstown Castle Winter Milk Herd- Weekly Management Notes - 17/09/18

- Total rainfall for the past 2 weeks was 36.0mm. Average soil temperatures over this period are coming in at 14.5°C, with Soil moisture deficits around 22, so grazing conditions are still excellent with no restriction on growth (except for the shortening days & lower soil temperatures). Growth for the past week has been good (~42kgs/dm/ha), with very good re-growths on paddocks grazed in the past week.
- Calving on the autumn herd is just beginning with 4 calving over the weekend (expected start of calving 22/09/18), similar to previous years, cows/heifers within 10-14 days of calving join a group in the “calving paddock”. This year we don’t have any poorer quality stemmy silage so the diet in the calving paddock consists of 4kgs stemmy grass (>3,000 kgs/dm/ha strip grazed daily), approx. 5kgs straw in a ring feeder (fed ad lib) along with 2.5kgs of a coarse ration which is used to carry pre-calver as well as balancing the high straw content.
- We will apply our last round of Nitrogen next week (25kgs/N/ha), obviously of a normal year we’d be finished by mid-September, but with the deadline extended & a big demand on forage we’ll be going with a final round next week with the hope of getting at least 10kgs grass/Kg of N response.
- Spring cows continue to perform well, they remain on 3ks concentrate, as we’re still building autumn cover & winter forage supplies are tight.

	<b><i>This week (17/09/18)</i></b>	<b>Autumn Calving Herd</b>	<b>Spring Calving Herd</b>
<b>Production</b>	% of Herd Milking	6%	100%
	Milk Kg		21.7
	Fat %		4.77
	Protein %		3.79
	Milk Solids kg		1.85
<b>Intake</b>	Grazed Grass kgs/dm/cow	15 kgs	15kgs
	Silage kgs/dm/cow		
	Maize silage kgs/dm/cow		
	Concentrate in TMR –		
	Parlour concentrate		3kgs
<b>Totals</b>	<b><i>Lactation to date per cow</i></b>	Mean calving date 11 <sup>th</sup> October	Mean calving date 25 <sup>th</sup> Feb
	Days in Milk	301	204
	Milk kg	7280	5218
	Milk Solids kg	585	392
	Concentrate Fed	1450 in parlor (1905total)	922

## "Autumn Herd" - grass wedge

Cover Date: 17/09/2018	
Farm: Johnstown Dairy	Treatment: Autumn

### Management Decisions

Rotation Length (days):	32	Residual Cover (cm)	4
Target Pre-Grazing (kg DM/ha):	1450		

### Cover Parameters

Farm Cover (kg DM/ha):	828.00	Total LU:	60.00
Cover / LU (kg DM/LU):	265.00	LU / ha:	3.12
Growth/ha (kg DM/ha/day):	41(39)	Grazing Area:	19.22 ha (25)
Demand / ha (kg DM/ha/day):	43.00	Reseed:	0.00 ha (0)
Demand / day (kg DM/day):	832.00	Silage - Cut Later:	0.00 ha (0)
Days ahead:	19.00	Silage - Cut Now:	0.00 ha (0)
Kg LWT / ha:	1748.00	Other:	1.39 ha (2)
		Rotation Length Back (Days):	34

