

## Johnstown Castle Winter Milk Herd Weekly Management Notes - 02/09/19

- We had well below average rainfall for the past two weeks at 11.3mm, with good average soil temperatures of 16.9°C. Ground conditions are excellent, giving some great growth for the month of August after below average growth for July due to soil moisture deficits.
- All autumn cows are Dry, the last 40% dried a week ago, with the good growth (60-70kgs/day for the past couple of weeks) and the low herd demand, we've been taking out some surpluses, ideally we would have all surplus grass taken out by end of August, but with the good growth we'll be taking some more this week - on the autumn herd we want to avoid peak cover going much over 900kgs/ha and keep pre-grazing below 1800kgs. We also have about 10% of the autumn farm taken out for re-seeding.
- Our last round of fertiliser will go out next week @ 25kgs/N/ha, in the form of protected urea.
- The spring herd continue to graze as one group, as this is our "set-up" year for the new multi-species trial. Most of this area has been re-seeded this year, with more being done at the moment, so covers are a bit below normal targets for this time of year. With reseeded ground coming back in this will help extend out the rotation a bit. The cows have dropped in production over the past couple of weeks; (down to ~1.6kgs/ms/cow) hopefully they'll hold at this for the next few weeks.
- Just completing final preparations for our Winter milk event, which takes place Wednesday 4<sup>th</sup> Sept @ 11.00

	<b><i>This week (02/09/19)</i></b>	<b>Autumn Calving Herd</b>	<b>Spring Calving Herd</b>
<b>Production</b>	% of Herd Milking	All Dry	100%
	Milk Kg		19.2
	Fat %		4.60
	Protein %		3.72
	Milk Solids kg		1.60
<b>Intake Estimates</b>	Grazed Grass kgs/dm/cow	13.0 kgs	17.0 kgs
	Silage kgs/dm/cow		
	Maize silage kgs/dm/cow		
	Concentrate in TMR –		
	Parlour concentrate		2.0 kgs
<b>Totals</b>	<b><i>Lactation to date per cow</i></b>	Mean calving date 10 <sup>th</sup> October	Mean calving date 20 <sup>th</sup> Feb
	Days in Milk	302	196
	Milk kg	7625	5012
	Milk Solids kg	622	385
	Concentrate Fed	1313kg in parlor (1603 kgs total)	575kg

Cover Date: 03/09/2019	
Farm: Johnstown Castle Dairy	Treatment: Autumn Reds

**Management Decisions**

Rotation Length (days):	28	Residual Cover (cm)	4
Target Pre-Grazing (kg DM/ha):	1500		

**Cover Parameters**

Farm Cover (kg DM/ha):	759.00	Total LU:	40.0
Cover / LU (kg DM/LU):	178.00	LU / ha:	4.26
Growth/ha (kg DM/ha/day):	41(46)	Grazing Area:	9.39 ha (11)
Demand / ha (kg DM/ha/day):	51.00	Reseed:	1.66 ha (3)
Demand / day (kg DM/day):	480.00	Silage - Cut Later:	0.00 ha (0)
Days ahead:	15.00	Silage - Cut Now:	0.00 ha (0)
Kg LWT / ha:	0.00	Other:	0.00 ha (0)
		Rotation Length Back (Days):	43

