

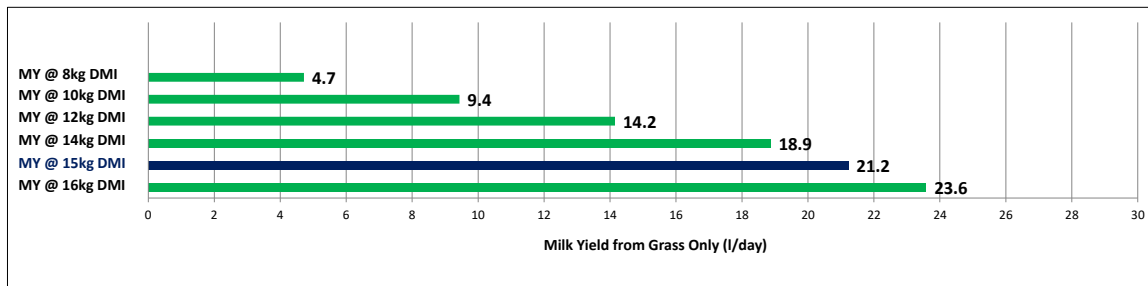
13-May-19
 Week 20

GrassWatch Report 2019:

Grass Quality

	Minimum	Overall Average	Maximum
Dry Matter (%)	16.6	19.2	21.3
Est ME (MJ/kg DM)	12.2	12.5	12.8
Crude Protein (%)	13.4	21.5	28.5
NDF (%)	30	34	38
Oil A (%)	3.6	4.6	5.2
Sugars (%)	8.4	11.8	15.1

Predicted Milk Yield From Grass Only: Based on Average Grass Energy

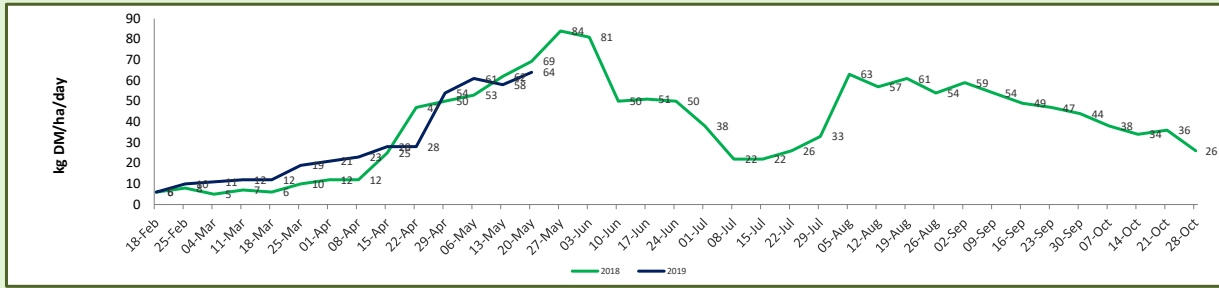


Energy from Grass @ 12kg DMI	150	MJ/day
Energy from Grass @ 15kg DMI	188	MJ/day
Energy required for 26 litres	213	MJ/day
Energy required for 30 litres	234	MJ/day

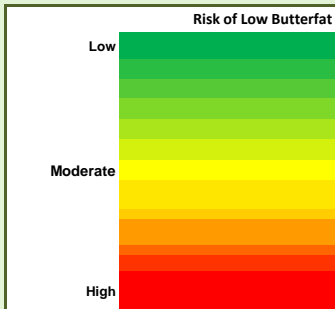
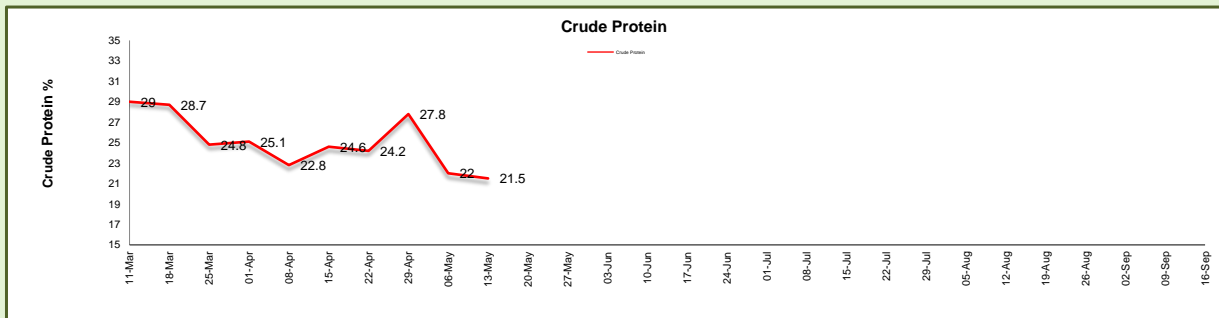
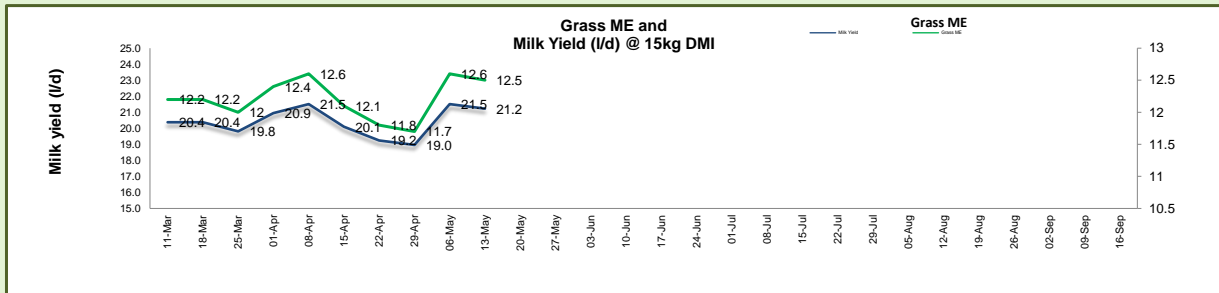
Compound required (kg/d)

	8kg DMI	10kg DMI	12kg DMI	14kg DMI	15kg DMI	16kg DMI
20 litres	7.5	5.2	2.9	0.6	0.0	0.0
22 litres	8.5	6.2	3.9	1.5	0.4	0.0
24 litres	9.5	7.1	4.8	2.5	1.4	0.2
26 litres	10.4	8.1	5.8	3.5	2.3	1.2
28 litres	11.4	9.1	6.8	4.5	3.3	2.2
30 litres	12.4	10.1	7.8	5.5	4.3	3.1

Weekly Grass Growths (Pasturebase Ireland)



Weekly Grazing Information:



	Average	Low Risk Boundary
RFC Intake	217	<140
Acid Load	46	<30
Fibre Index	145	>200
RUFAL Intake	16	<14

Rumen Protein Energy Balance of Grass (@15kgDMI)		
	Average	Target
NFEPB (g/kg DM)	55	<20
NFEPB (g/day)	831	0-200
Grass Excess N	101	
Est Milk Loss (l/h/d)*	0.61	

* Estimated milk loss from excess N in grass only