

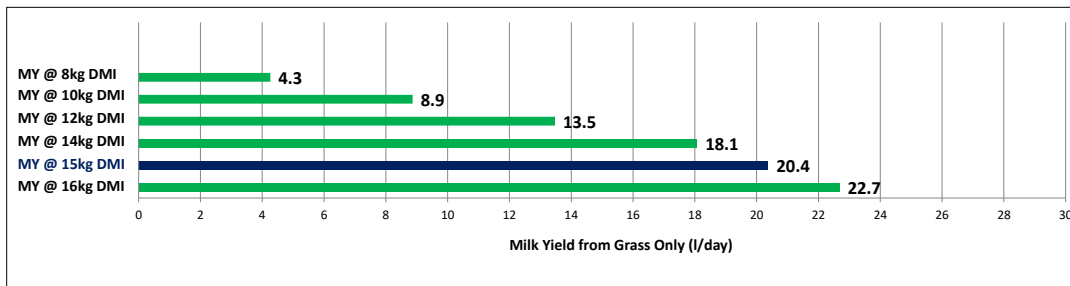
08-Jul-19
Week 28

GrassWatch Report 2019: Brett Brothers Monitor Farm

Grass Quality

	Brett's Monitor Farm	Minimum	Overall Average	Maximum
Dry Matter (%)	17.8	14.0	17.3	20.9
Est ME (MJ/kg DM)	11.5	11.5	12.2	12.9
Crude Protein (%)	22.2	10.8	20.9	27.3
NDF (%)	48	38	44	48
Oil A (%)	3.5	1.8	3.5	5.0
Sugars (%)	7.9	7.2	10.0	14.0

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

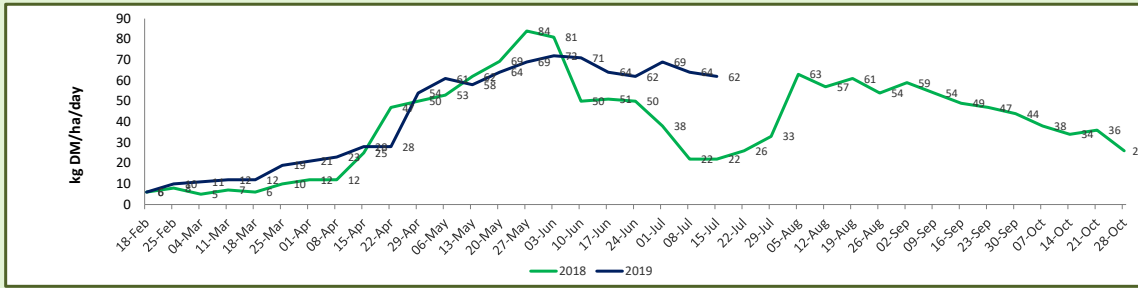


Energy from Grass 12kg DMI	146	MJ/day
Energy from Grass 15kg DMI	183	MJ/day
Energy required for 26 litres	213	MJ/day
Energy required for 30 litres	234	MJ/day

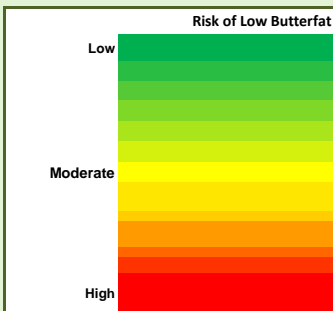
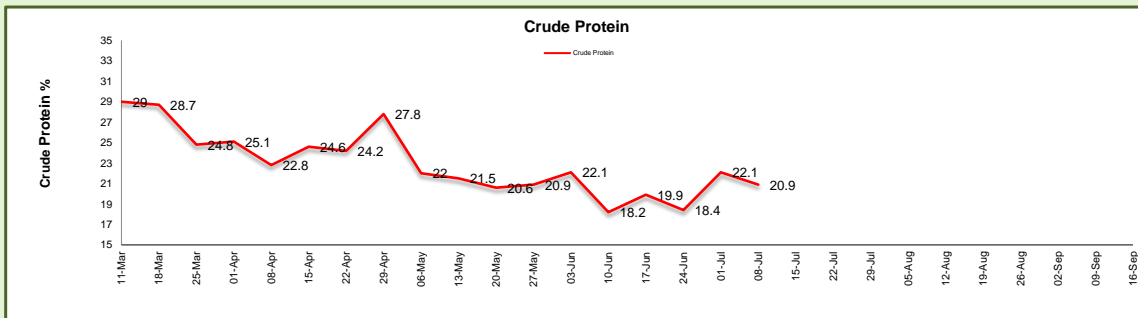
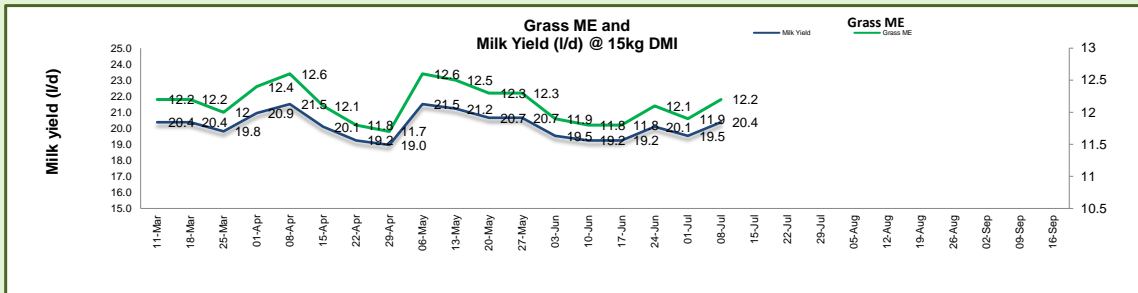
Compound required (kg/d)

	8kg DMI	10kg DMI	12kg DMI	14kg DMI	15kg DMI	16kg DMI
20 litres	7.7	5.5	3.2	0.9	0.0	0.0
22 litres	8.7	6.4	4.2	1.9	0.8	0.0
24 litres	9.7	7.4	5.2	2.9	1.8	0.6
26 litres	10.7	8.4	6.1	3.9	2.8	1.6
28 litres	11.6	9.4	7.1	4.9	3.7	2.6
30 litres	12.6	10.4	8.1	5.9	4.7	3.6

Weekly Grass Growths (Pasturebase Ireland)



Weekly Grazing Information:



	Average	Brett's Monitor Farm
RFC Intake	179	153
Acid Load	40	35
Fibre Index	188	206
RUFAL Intake	12	12

Rumen Protein Energy Balance of Grass (@15kgDMI)		
	Average	Brett's Farm
NFEPB (g/kg DM)	54	60
NFEPB (g/day)	816	894
Grass Excess N	99	111
Est Milk Loss (l/h/d)*	0.59	0.67

* Estimated milk loss from excess N in grass only