

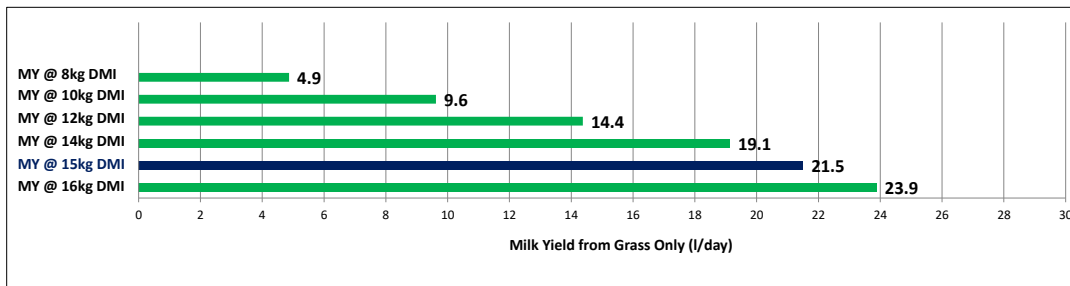
08-Apr-19
Week 15

GrassWatch Report 2019: Brett Brothers Monitor Farm

Grass Quality

	Brett's Monitor Farm	Minimum	Overall Average	Maximum
Dry Matter (%)	17.2	17.2	20.2	23.5
Est ME (MJ/kg DM)	12.5	12.1	12.6	13.0
Crude Protein (%)	24.0	18.3	22.8	25.3
NDF (%)	35	31	37	44
Oil A (%)	6.3	5.9	6.2	6.5
Sugars (%)	11.7	9.6	11.8	13.9

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

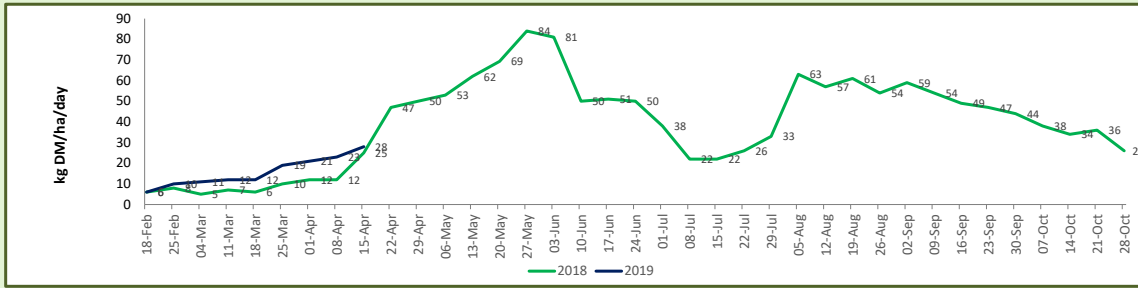


Energy from Grass 12kg DMI	151	MJ/day
Energy from Grass 15kg DMI	189	MJ/day
Energy required for 26 litres	213	MJ/day
Energy required for 30 litres	234	MJ/day

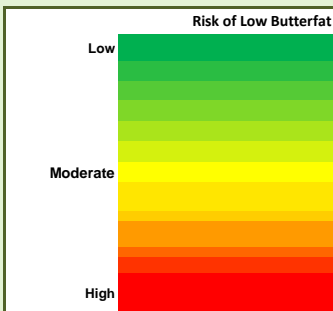
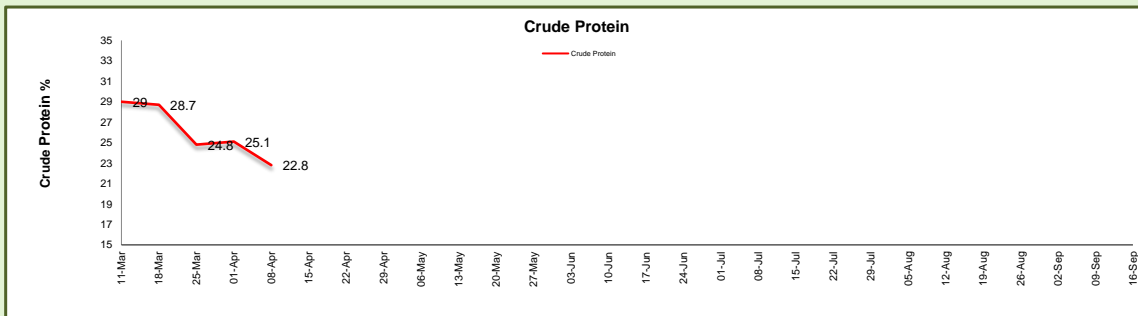
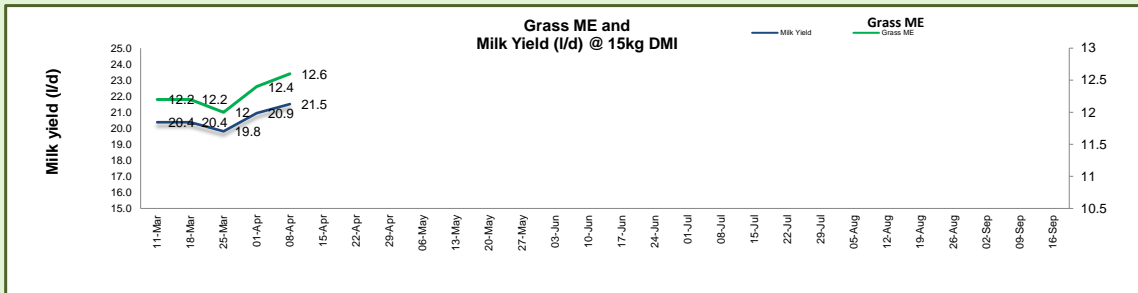
Compound required (kg/d)

	8kg DMI	10kg DMI	12kg DMI	14kg DMI	15kg DMI	16kg DMI
20 litres	7.4	5.1	2.8	0.4	0.0	0.0
22 litres	8.4	6.1	3.7	1.4	0.2	0.0
24 litres	9.4	7.1	4.7	2.4	1.2	0.1
26 litres	10.4	8.0	5.7	3.4	2.2	1.0
28 litres	11.4	9.0	6.7	4.4	3.2	2.0
30 litres	12.3	10.0	7.7	5.3	4.2	3.0

Weekly Grass Growths (Pasturebase Ireland)



Weekly Grazing Information:



	Average	Brett's Monitor Farm
RFC Intake	200	193
Acid Load	43	43
Fibre Index	158	151
RUFAL Intake	21	22

	Average	Brett's Farm
Rumen Protein Energy Balance of Grass (@15kgDMI)		
NFEPB (g/kg DM)	69	83
NFEPB (g/day)	1029	1242
Grass Excess N	133	167
Est Milk Loss (l/h/d)*	0.80	1.00

* Estimated milk loss from excess N in grass only