

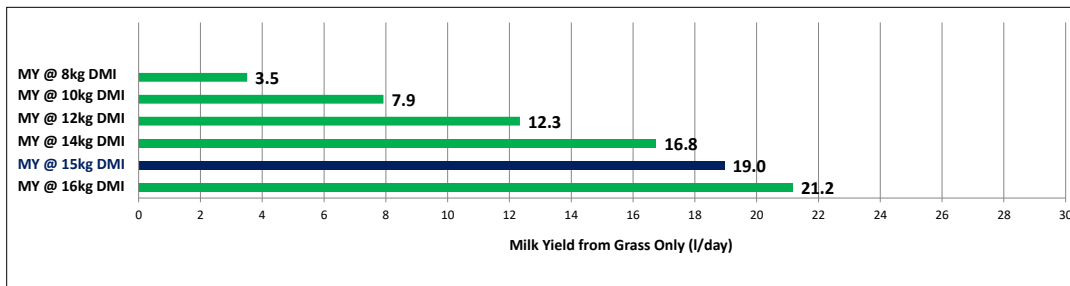
29-Apr-19
Week 18

GrassWatch Report 2019: Brett Brothers Monitor Farm

Grass Quality

	Brett's Monitor Farm	Minimum	Overall Average	Maximum
Dry Matter (%)	12.0	10.7	14.6	18.9
Est ME (MJ/kg DM)	11.8	10.5	11.7	12.5
Crude Protein (%)	32.3	19.6	27.8	32.6
NDF (%)	31	31	40	54
Oil A (%)	4.3	4.3	5.6	6.2
Sugars (%)	5.8	2.0	5.8	10.9

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



Energy from Grass 12kg DMI	140	MJ/day
Energy from Grass 15kg DMI	176	MJ/day
Energy required for 26 litres	213	MJ/day
Energy required for 30 litres	234	MJ/day

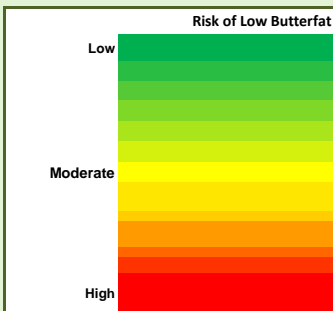
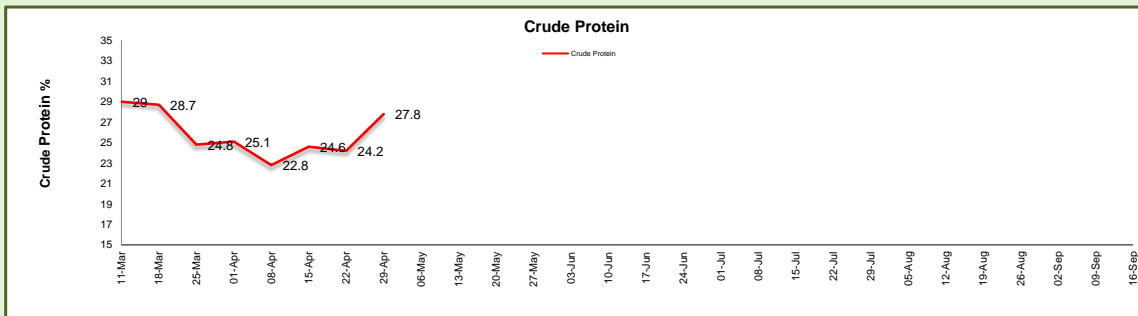
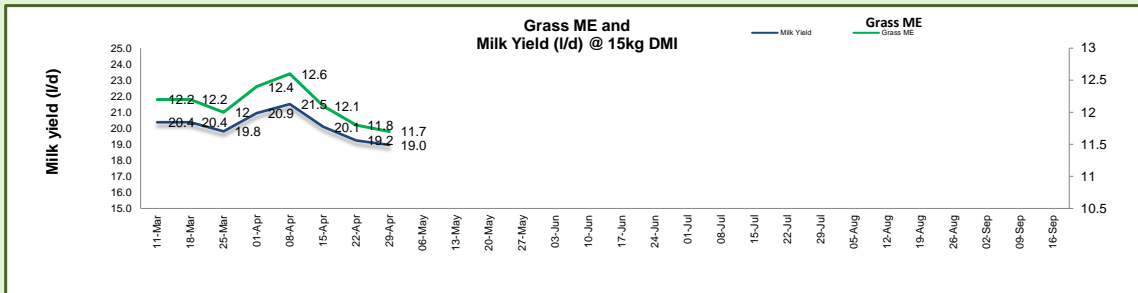
Compound required (kg/d)

	8kg DMI	10kg DMI	12kg DMI	14kg DMI	15kg DMI	16kg DMI
20 litres	8.1	5.9	3.8	1.6	0.5	0.0
22 litres	9.1	6.9	4.7	2.6	1.5	0.4
24 litres	10.1	7.9	5.7	3.6	2.5	1.4
26 litres	11.0	8.9	6.7	4.5	3.5	2.4
28 litres	12.0	9.9	7.7	5.5	4.4	3.4
30 litres	13.0	10.8	8.7	6.5	5.4	4.3

Weekly Grass Growths (Pasturebase Ireland)



Weekly Grazing Information:



	Average	Brett's Monitor Farm
RFC Intake	137	136
Acid Load	36	39
Fibre Index	173	136
RUFAL Intake	19	15

Rumen Protein Energy Balance of Grass (@15kgDMI)		
	Average	Brett's Farm
NFEPB (g/kg DM)	114	166
NFEPB (g/day)	1703	2484
Grass Excess N	240	365
Est Milk Loss (l/h/d)*	1.44	2.19

* Estimated milk loss from excess N in grass only