

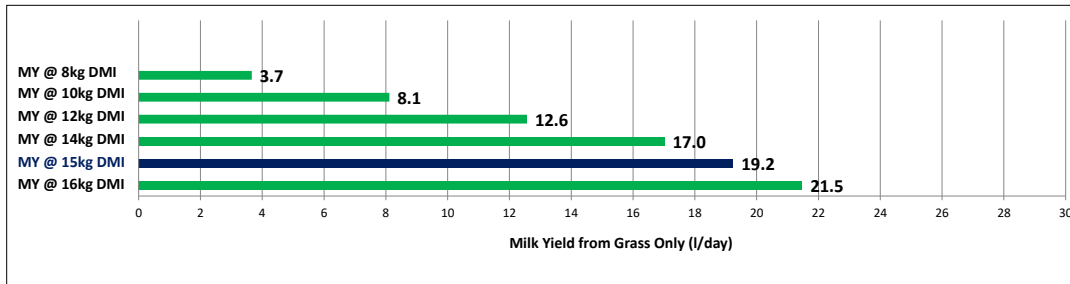
22-Apr-19  
Week 17

**GrassWatch Report 2019: Brett Brothers Monitor Farm**

**Grass Quality**

	Brett's Monitor Farm	Minimum	Overall Average	Maximum
Dry Matter (%)	11.3	13.8	17.0	19.5
Est ME (MJ/kg DM)	12.1	11.0	11.8	12.6
Crude Protein (%)	32.4	18.4	24.2	31.8
NDF (%)	34	38	43	55
Oil A (%)	6.6	5.8	6.4	6.9
Sugars (%)	6.5	5.9	8.5	12.0

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



Energy from Grass 12kg DMI	142	MJ/day
Energy from Grass 15kg DMI	177	MJ/day
Energy required for 26 litres	213	MJ/day
Energy required for 30 litres	234	MJ/day

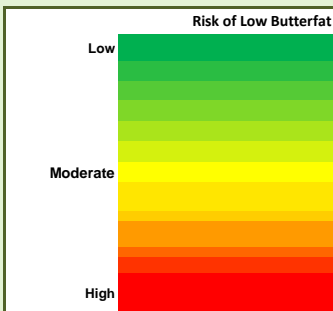
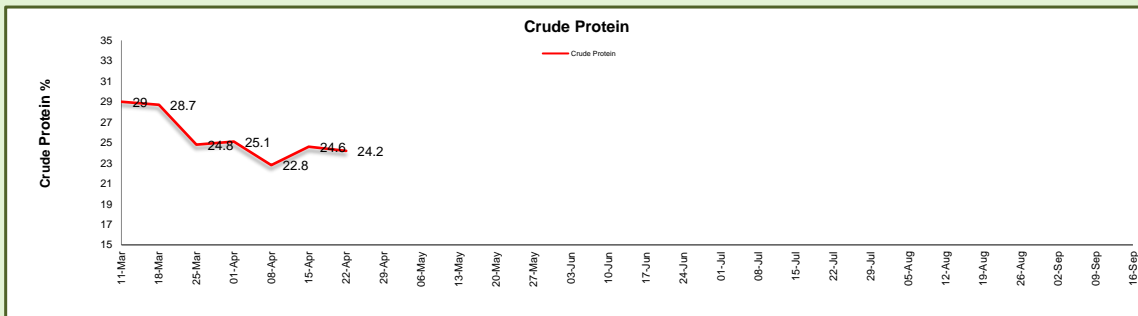
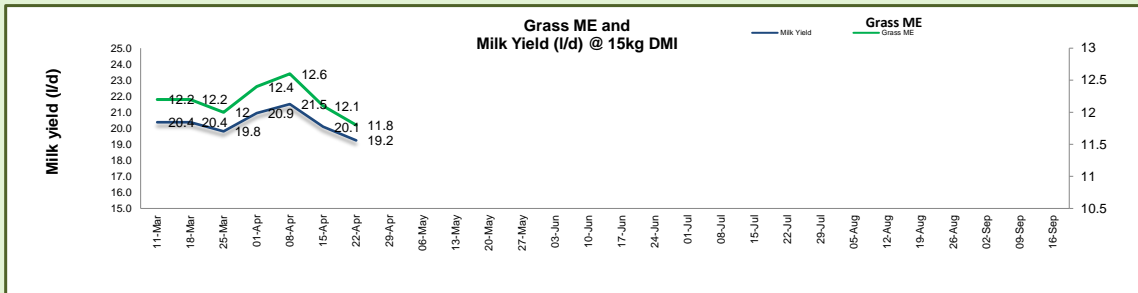
**Compound required (kg/d)**

	8kg DMI	10kg DMI	12kg DMI	14kg DMI	15kg DMI	16kg DMI
20 litres	8.0	5.8	3.6	1.5	0.4	0.0
22 litres	9.0	6.8	4.6	2.4	1.4	0.3
24 litres	10.0	7.8	5.6	3.4	2.3	1.2
26 litres	11.0	8.8	6.6	4.4	3.3	2.2
28 litres	11.9	9.8	7.6	5.4	4.3	3.2
30 litres	12.9	10.7	8.6	6.4	5.3	4.2

### Weekly Grass Growths (Pasturebase Ireland)



### Weekly Grazing Information:



	Average	Brett's Monitor Farm
RFC Intake	155	128
Acid Load	37	38
Fibre Index	185	146
RUFAL Intake	22	23

	Average	Brett's Farm
Rumen Protein Energy Balance of Grass (@15kgDMI)		
NFEPB (g/kg DM)	79	168
NFEPB (g/day)	1184	2520
Grass Excess N	157	371
Est Milk Loss (l/h/d)*	0.94	2.23

\* Estimated milk loss from excess N in grass only