

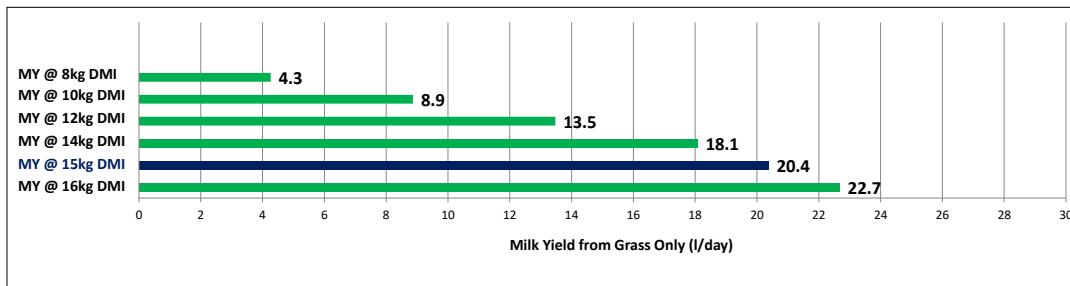
6-Apr-19
Week 15

GrassWatch Report 2020: Brett Brothers Monitor Farm

Grass Quality

	Brett's Monitor Farm	Minimum	Overall Average	Maximum
Dry Matter (%)	17.4	15.9	19.7	30.0
Est ME (MJ/kg DM)	11.9	11.9	12.2	13.0
Crude Protein (%)	23.4	23.4	26.9	32.3
NDF (%)	40	29	45	54
Oil A (%)	4.3	4.3	6.2	7.7
Sugars (%)	9.1	5.0	7.5	12.0

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

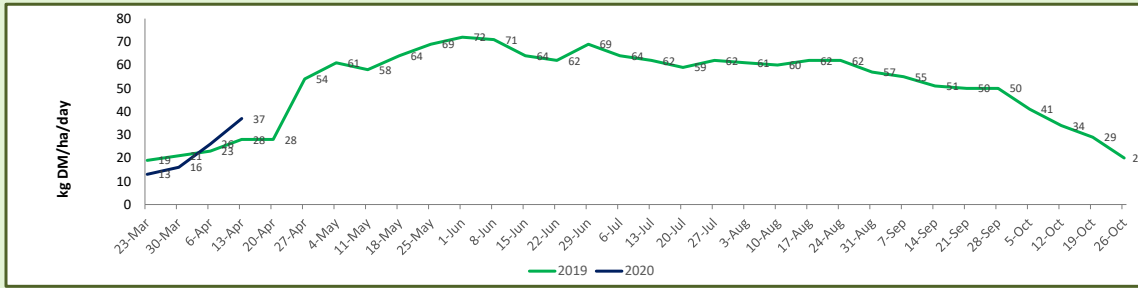


Energy from Grass 12kg DMI	146	MJ/day
Energy from Grass 15kg DMI	183	MJ/day
Energy required for 26 litres	213	MJ/day
Energy required for 30 litres	234	MJ/day

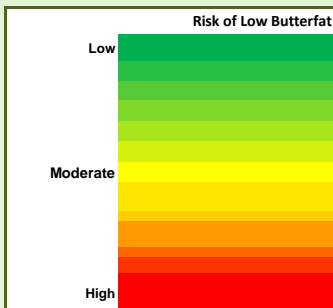
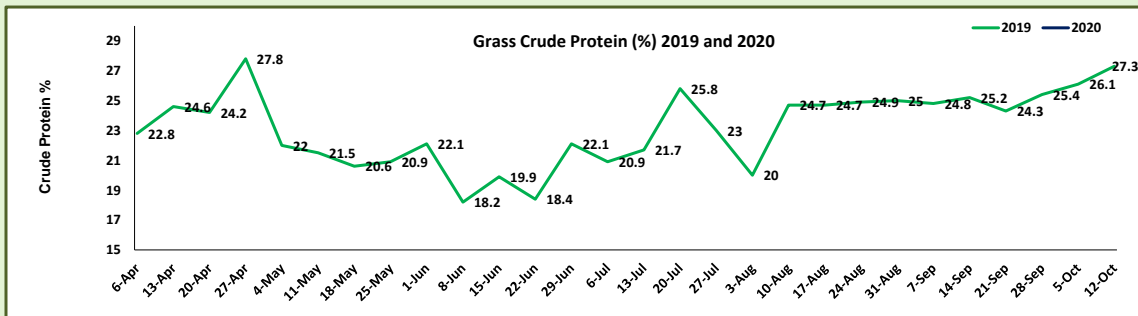
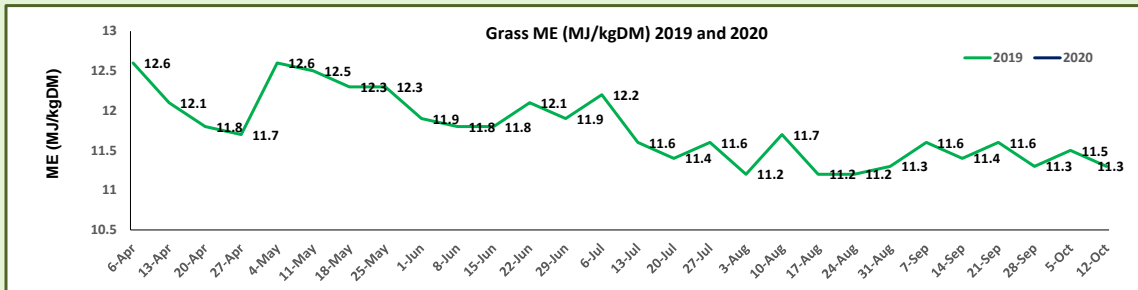
Compound required (kg/d)

	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	140	165
Acid Load	36	38
Fibre Index	192	172
RUFAL Intake	21	15

	Average	Brett's Farm
Rumen Protein Energy Balance of Grass (@15kgDMI)		
NFEPB (g/kg DM)	109	78
NFEPB (g/day)	1631	1173
Grass Excess N	229	156
Est Milk Loss (l/h/d)*	1.37	0.93

* Estimated milk loss from excess N in grass only