

04/08/2017

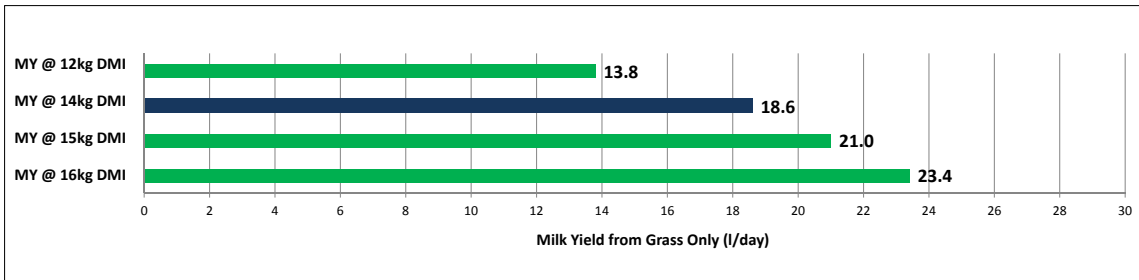
Week 16: Samples 24th July 2017

**GrassWatch Report 2017: Southern Milling Monitor Farm**

**Grass Quality**

	Southern Milling Monitor Farm	Overall Minimum	Overall Average	Overall Maximum
Dry Matter (%)	14.6	13.7	16.5	19.0
Est ME (MJ/kg DM)	12.0	11.6	12.0	12.5
Crude Protein (%)	24.2	16.3	23.4	32.3
NDF (%)	41	36	42	46
Oil A (%)	4.6	3.4	4.2	5.3
Sugars	7.3	4.5	7.6	10.5

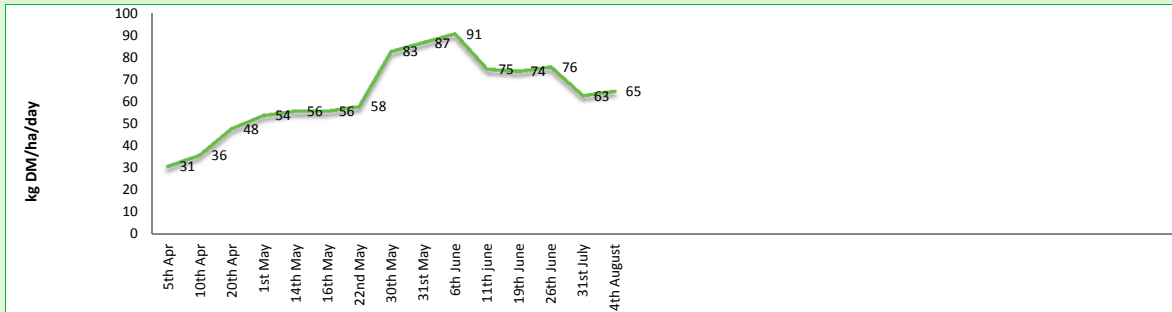
**Predicted Milk Yield From Grass Only: Based on Monitor Farms Grass Energy**



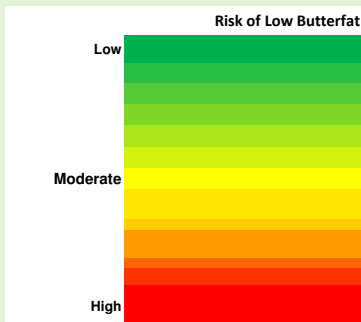
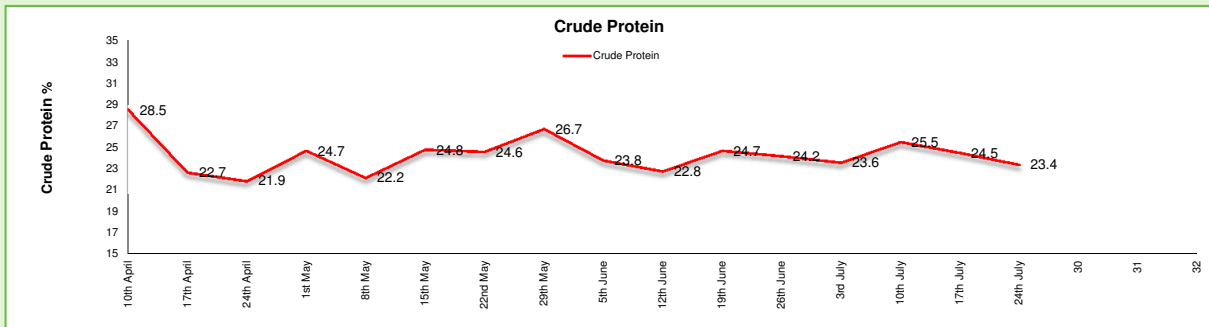
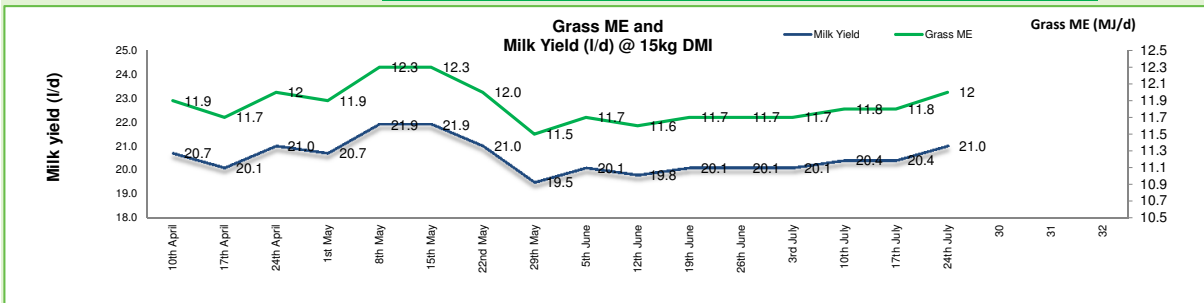
Energy from Grass @ 12kg DMI	144	MJ/day
Energy from Grass @ 15kg DMI	180	MJ/day
Energy required for 24 litres	195	MJ/day
Energy required for 30 litres	225	MJ/day

Compound (kg/d) based on Grass ME in Monitor Farms			
	12kg DMI	14kg DMI	15kg DMI
20 litres	2.9	0.6	0
22 litres	3.8	1.6	0.5
24 litres	4.7	2.5	1.4
26 litres	5.6	3.4	2.3
28 litres	6.6	4.4	3.2
30 litres	7.5	5.3	4.2

**Weekly Grass Growths (Agrinet)**



**Weekly Grazing Information: Based on average of all Monitor Farms**



	Average	Farm
RFC Intake	159	157
Acid Load	37	38
Fibre Index	182	178
RUFAL Intake	14	16

	Average	Farm
NFEPB (g/kg DM)	118	88
NFEPB (g/day)	1770	1320
Grass Excess N	78	140
Est Milk Loss (l/h/d)*	1.62	1.16

\* Estimated milk loss from excess N in grass only