

20/06/2017

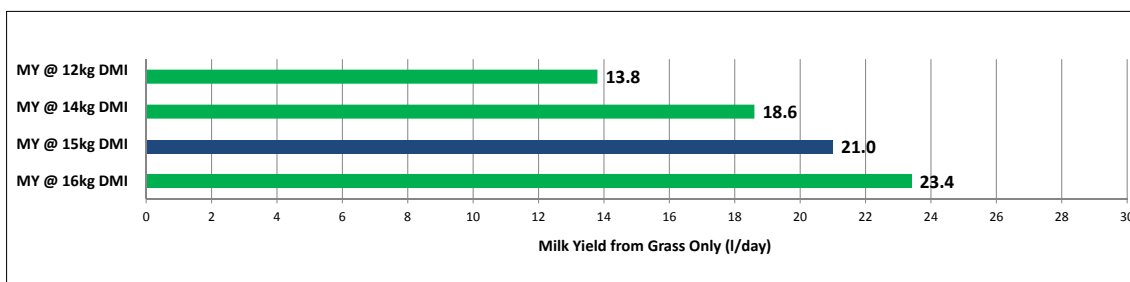
Week 9: Samples 2nd June 2017

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

**Grass Quality**

	Southern Milling Monitor Farm	Overall Minimum	Overall Average	Overall Maximum
Dry Matter (%)	16.6	12.3	15.4	19.2
Est ME (MJ/kg DM)	12.0	10.8	11.7	12.3
Crude Protein (%)	22.7	17.9	23.8	30.6
NDF (%)	37	35	40	45
Oil A (%)	4.6	4.0	4.3	5.0
Free Nitrates	100	100	230	500
Sugars	8.3	3.0	7.0	10.0

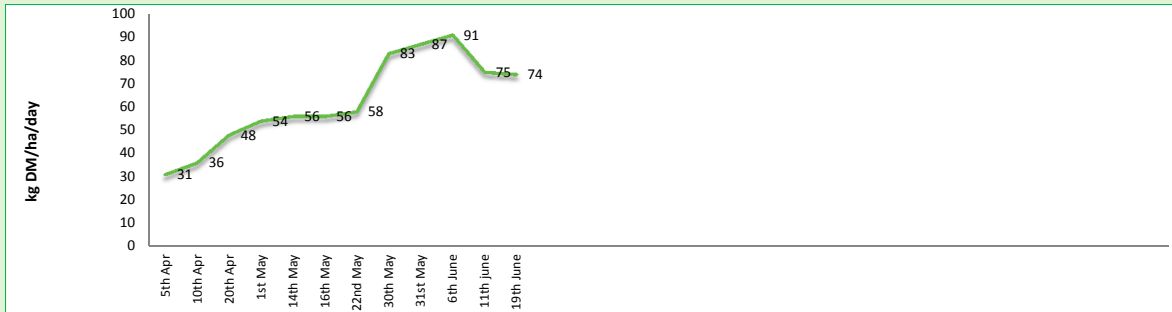
**Predicted Milk Yield From Grass Only: Based on Monitor Farms Grass Energy**



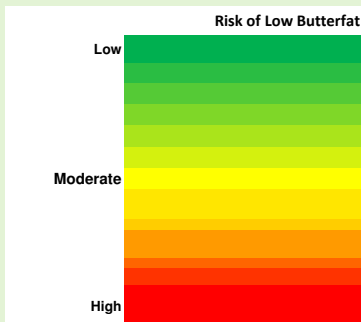
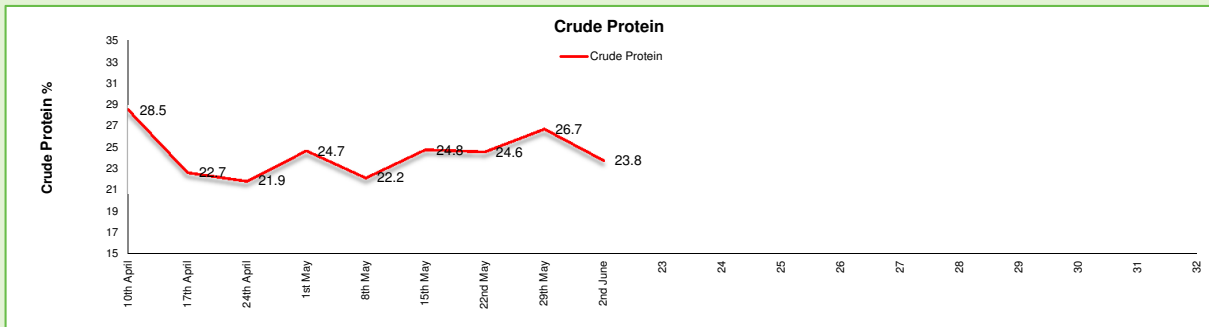
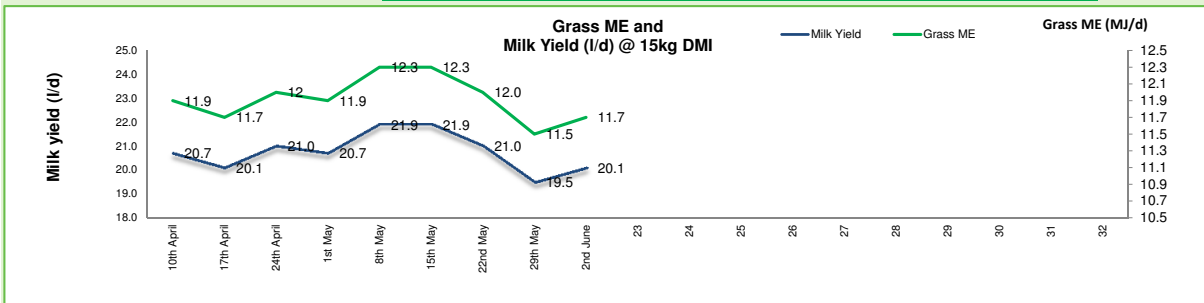
Energy from Grass @ 12kg DMI	144	MJ/day
Energy from Grass @ 15kg DMI	180	MJ/day
Energy required for 24 litres	195	MJ/day
Energy required for 30 litres	225	MJ/day

Compound (kg/d) based on Grass ME in Monitor Farms		
	12kg DMI	15kg DMI
24 litres	4.7	1.4
26 litres	5.6	2.3
28 litres	6.6	3.2
30 litres	7.5	4.2

**Weekly Grass Growths (Agrinet)**



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



	Average	Farm
RFC Intake	187	188
Acid Load	41	41
Fibre Index	112	147
RUFAL Intake	15	15

	Average	Farm
NFEPB (g/kg DM)	77	67
NFEPB (g/day)	1155	1005
Grass Excess N	170	100
Est Milk Loss (l/h/d)*	0.99	0.84

\* Estimated milk loss from excess N in grass only