

12/06/2017

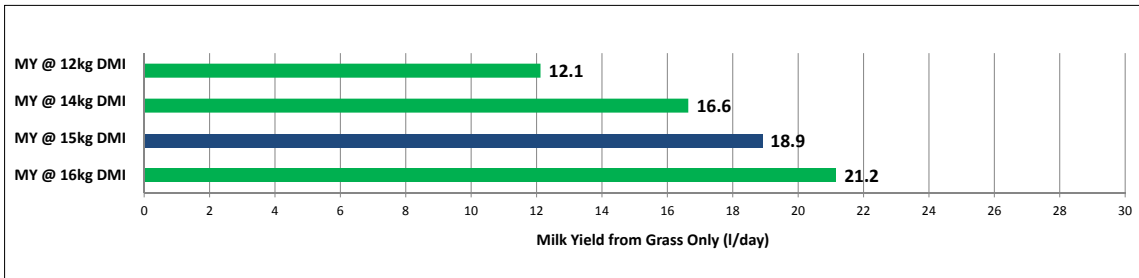
Week 8: Samples 29th May 2017

GrassWatch Report 2017: Southern Milling Monitor Farm

Grass Quality

| | Southern Milling Farms | Overall Minimum | Overall Average | Overall Maximum |
|-------------------|------------------------|-----------------|-----------------|-----------------|
| Dry Matter (%) | 12.8 | 10.5 | 14.5 | 18.6 |
| Est ME (MJ/kg DM) | 11.3 | 10.3 | 11.5 | 12.1 |
| Crude Protein (%) | 28.4 | 16.8 | 26.2 | 31.5 |
| NDF (%) | 44 | 35 | 42 | 52 |
| Oil A (%) | 4.9 | 3.6 | 4.5 | 5.3 |
| Free Nitrates | 100 | 100 | 230 | 1000 |
| Sugars | 2.5 | 5.3 | 10.1 | 3.8 |

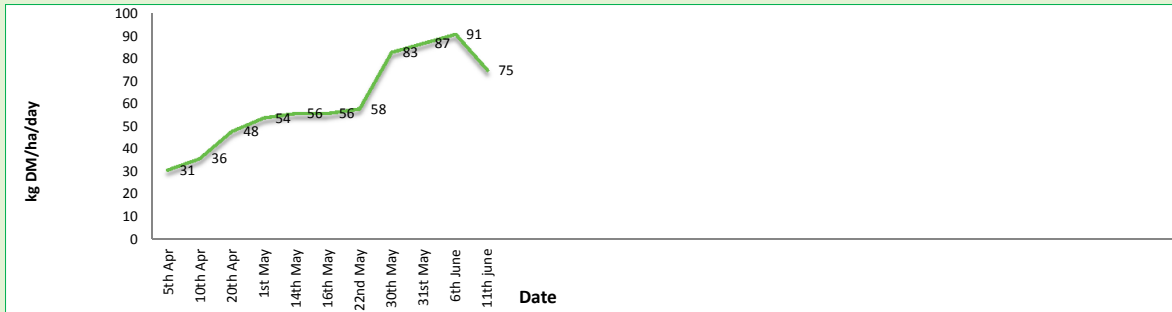
Predicted Milk Yield From Grass Only: Based on Monitor Farm Grass Energy



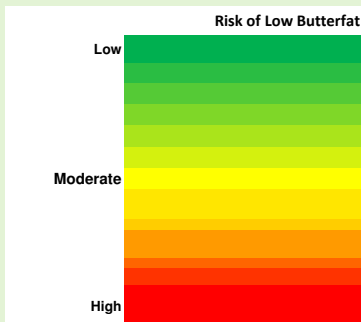
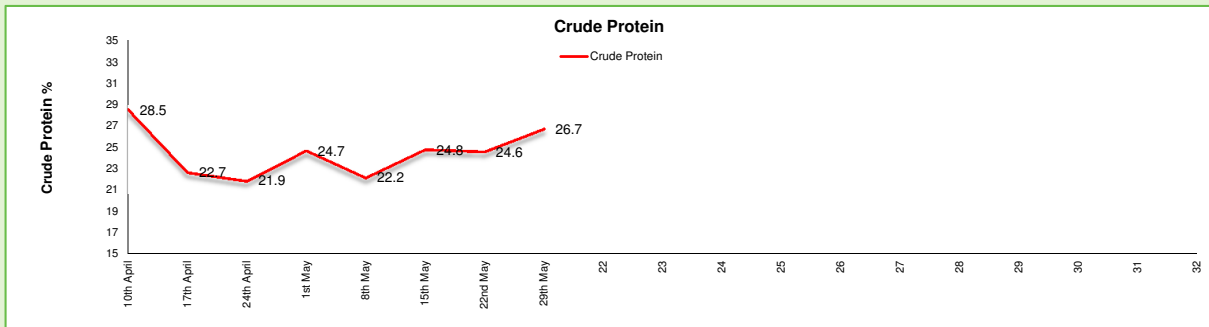
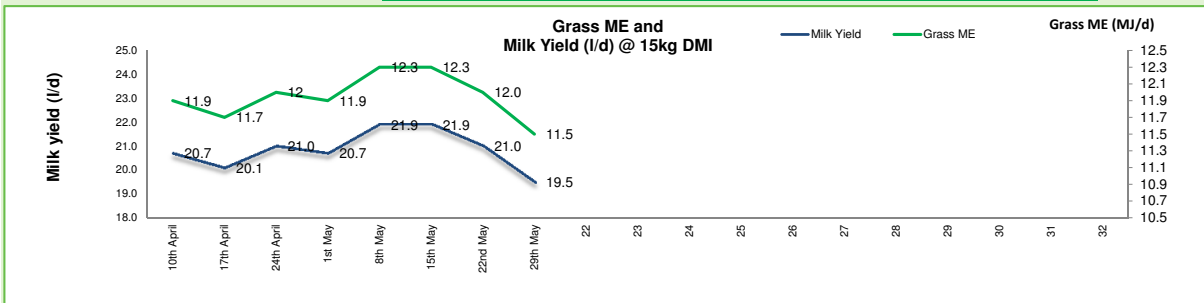
| | | |
|-------------------------------|-----|--------|
| Energy from Grass @ 12kg DMI | 136 | MJ/day |
| Energy from Grass @ 15kg DMI | 170 | MJ/day |
| Energy required for 24 litres | 195 | MJ/day |
| Energy required for 30 litres | 225 | MJ/day |

| Compound (kg/d) based on Grass ME in Monitor Farms | | |
|--|----------|----------|
| | 12kg DMI | 15kg DMI |
| 24 litres | 5.5 | 2.4 |
| 26 litres | 6.4 | 3.3 |
| 28 litres | 7.4 | 4.2 |
| 30 litres | 8.3 | 5.1 |

Weekly Grass Growths (Agrinet)



Weekly Grazing Information: Based on average of all Monitor Farms



| | Average | Farm |
|--------------|---------|------|
| RFC Intake | 141 | 119 |
| Acid Load | 36 | 34 |
| Fibre Index | 169 | 177 |
| RUFAL Intake | 16 | 15 |

| | Average | Farm |
|------------------------|---------|------|
| NFEPB (g/kg DM) | 100 | 120 |
| NFEPB (g/day) | 1500 | 1800 |
| Grass Excess N | 170 | 182 |
| Est Milk Loss (l/h/d)* | 1.34 | 1.65 |

* Estimated milk loss from excess N in grass only