

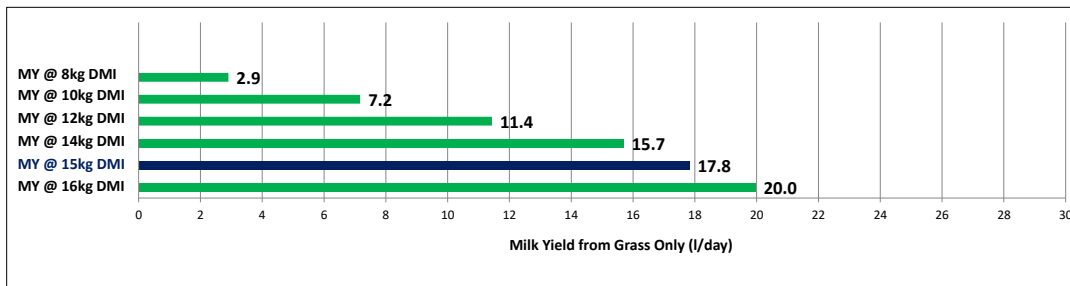
30-Sep-19  
Week 40

GrassWatch Report 2019

Grass Quality

	Bandon Monitor Farms	Minimum	Overall Average	Maximum
Dry Matter (%)	11.4	9.5	11.9	14.8
Est ME (MJ/kg DM)	11.5	10.4	11.3	12.0
Crude Protein (%)	23.9	19.9	25.4	30.6
NDF (%)	47	40	48	59
Oil A (%)	5.7	4.6	5.5	6.1
Sugars (%)	6.9	1.9	5.2	7.7

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

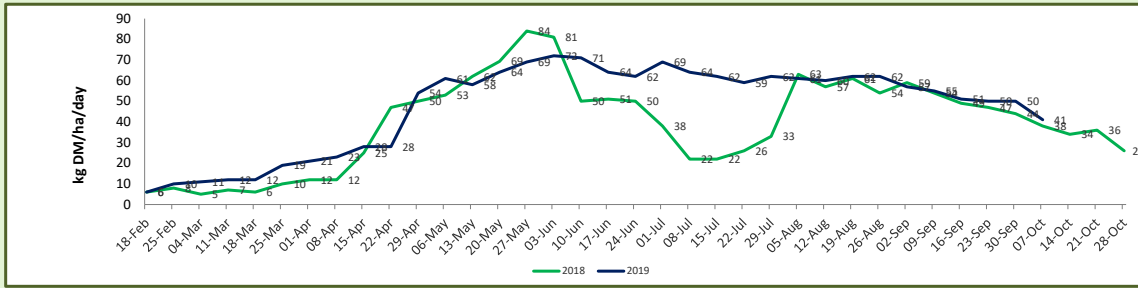


Energy from Grass 12kg DMI	136	MJ/day
Energy from Grass 15kg DMI	170	MJ/day
Energy required for 26 litres	213	MJ/day
Energy required for 30 litres	234	MJ/day

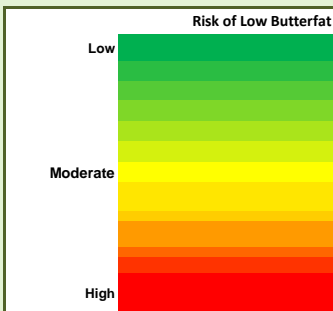
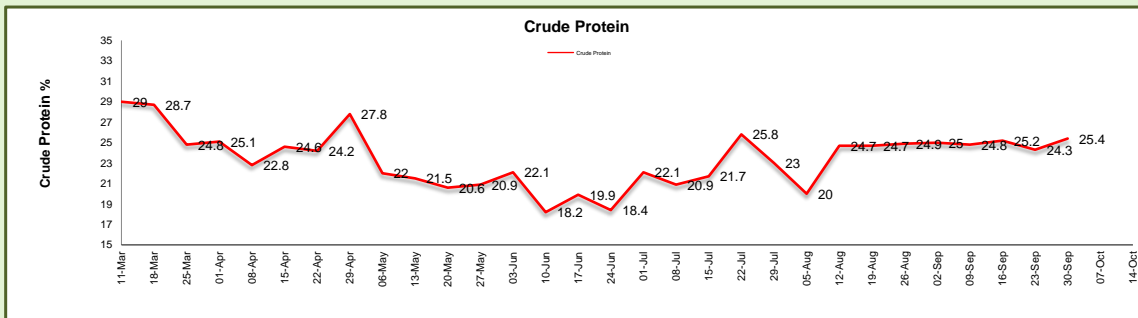
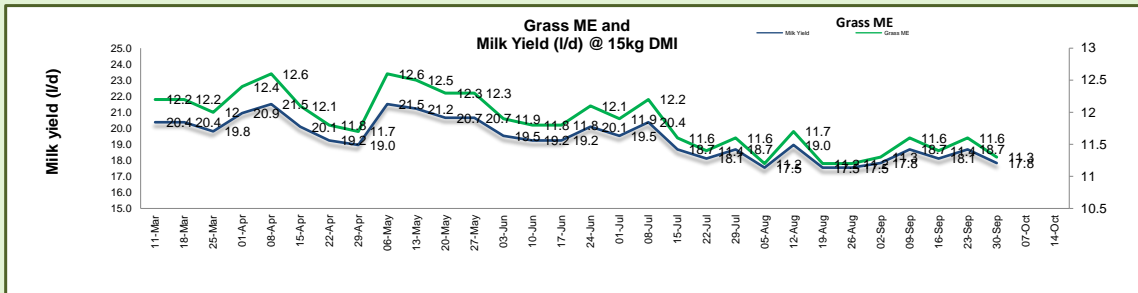
Compound required (kg/d)

	8kg DMI	10kg DMI	12kg DMI	14kg DMI	15kg DMI	16kg DMI
20 litres	8.4	6.3	4.2	2.1	1.1	0.0
22 litres	9.4	7.3	5.2	3.1	2.0	1.0
24 litres	10.4	8.3	6.2	4.1	3.0	2.0
26 litres	11.3	9.2	7.1	5.1	4.0	3.0
28 litres	12.3	10.2	8.1	6.0	5.0	3.9
30 litres	13.3	11.2	9.1	7.0	6.0	4.9

### Weekly Grass Growths (Pasturebase Ireland)



### Weekly Grazing Information:



	Butter Fat Alert	
	Average	Bandon Monitor Farms
RFC Intake	119	134
Acid Load	32	33
Fibre Index	205	202
RUFAL Intake	19	19

Rumen Protein Energy Balance of Grass (@15kgDMI)		
	Average	Bandon Farms
NFEPB (g/kg DM)	91	74
NFEPB (g/day)	1359	1104
Grass Excess N	185	145
Est Milk Loss (l/h/d)*	1.11	0.87

\* Estimated milk loss from excess N in grass only