

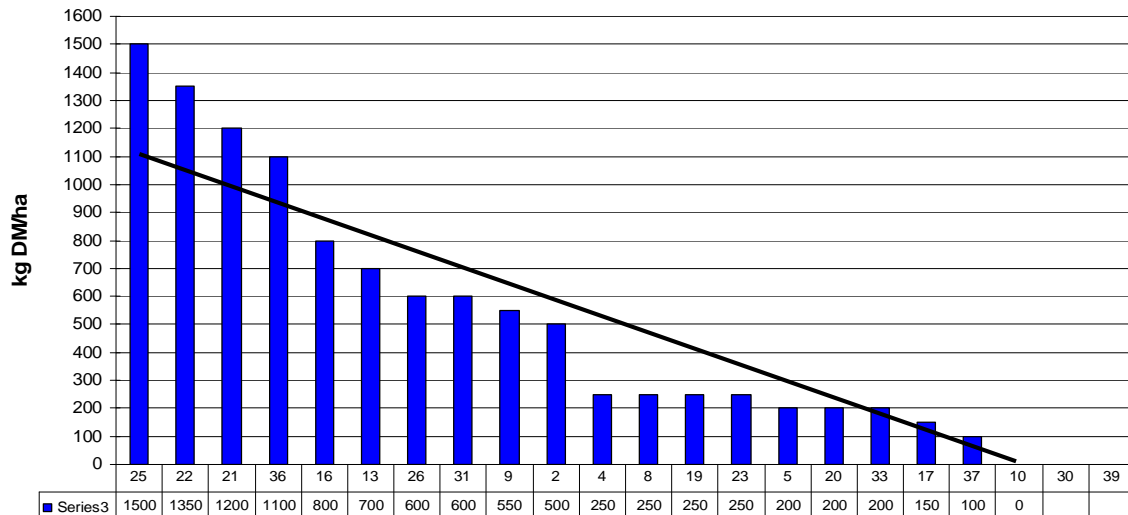
A. Critical Issues

1. Maximise cow intakes of pasture and maintain residual at 3.5cm
2. Ensure cows are getting better fed each week

B. On farm situation

1. Soil temperature today is 14.5°C.
2. Total weekly rainfall is 3.8mm
3. Average growth was 54kgDM/ha/day, (20% DM)
4. Demand is 56kgDM/ha/day (3.77 SR * 15kgDM/cow/day).
5. Grass supply below target (136 vs. 150/cow)
6. Farm feed wedge (15/6/09)

Farm cover 514kg DM/ha (136/LU)



7. The first 4 paddocks on the wedge are clearly above the target line. However after these have been grazed there will be an obvious feed deficit. Therefore these paddocks will all remain in the rotation and will be grazed. Growth rates are still poor and don't justify aggressive removal of paddocks from the rotation.
8. Paddocks 30 and 39 were cut for first cut silage, they are not included in the grazing rotation due to excessively high residuals caused by poor mowing. They have received slurry and 30 units of N and will be baled off when they reach a cover of 1600KgDM/ha.
9. Paddocks 8 and 37 were baled last week and are back in the rotation. They were both paddocks which were poorly grazed in the previous round and grass quality was sub-standard.
10. At stocking rate of 3.77 cows /ha, a 15kg per cow grass allowance and an 18 day rotation length our ideal pre-grazing yield is now 1100kg DM/ ha (3.77*15*18= 1100).
11. Post grazing height on the last paddock grazed was 3.8cm.
12. Rotation length 17 days.

13. 30 units of N is being spread on grazed paddocks. These paddocks are also receiving 2000gals of watery slurry from the lagoon.
14. Submission rate of 78% after third week of breeding season.
15. Average milk yield is 19.07kg at 4.43% fat and 3.19% protein (1.43kg MS/cow), lactose 4.78%, SCC 324k, TBC 34k.

C. Critical short term actions :

- 2kg of concentrate.
- Allocating grass on a 24hr basis.
- Cows moved when residual is reached.

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Dairy Production Research in the Northeast

Objective:

To increase the profitability of milk production per hectare in the BMW region through improved pasture management and utilisation in combination with genetic improvement using the Economic Breeding Index.

Year	2004	2007	2008
Grazing season (days)	226	271	280
Herd EBI (€)	28	51	55
Stocking Rate (Cows/ha)	2.2	2.6	2.9
Concentrate (kg/cow)	700	400	250
Milk (kg/ha)	12,381	11,890	13,340
Milk Solids (kg/ ha)	928	931	1,150
6 week pregnancy rate (%)	38	55	65
Farm Profit (30 ha)	37,417	56,182	-

Week:7/06/09	HG system	HS system
Stocking rate (cows/ha)	3.1	4.6
Milk yield (kg/cow/day)	19.07	20.53
% Fat	4.43	4.32
% Protein	3.19	2.95
% Lactose	4.78	4.82
Milk solids (kg/cow/day)	1.43	1.48
Supplement (kg/cow/day)		
Concentrate	2	5
Silage	0	0
Cumulative		
Milk yield (kg/cow)	1984	2013
% Fat	4.57	4.53
% Protein	3.27	3.15
% Lactose	4.79	4.82
Milk solids (kg/cow)	155	154
Bodyweight (kg)	450	454
Body Condition Score	2.75	2.79
Supplement (kg/cow)	273	401
Mean Calving Date		4 th March

