

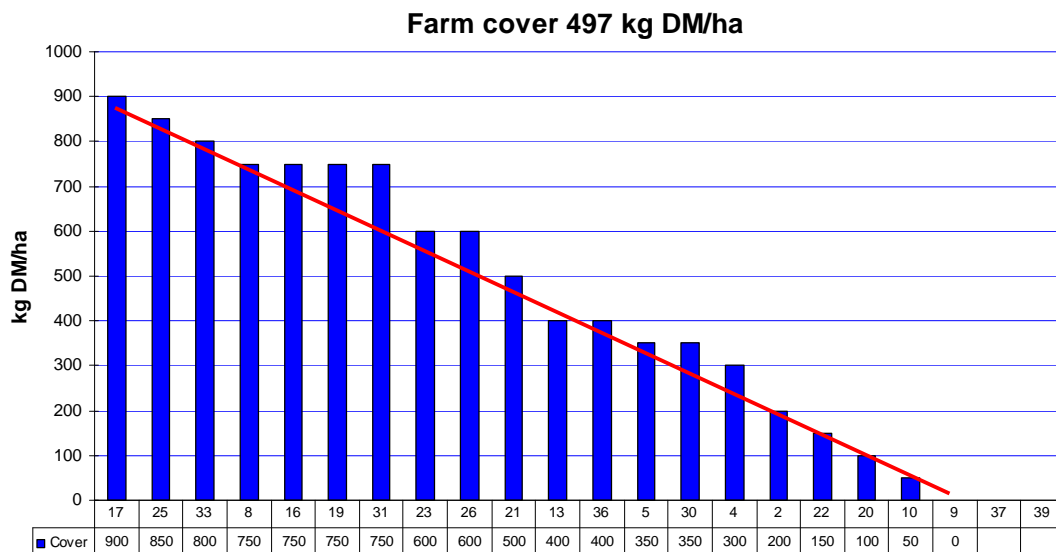
Ballyhaise Weekly Farm Notes - Monday 12/4/2010

A. Critical Issues

1. Maximise cow intakes of pasture and maintain residual at 3.5cm.
2. Ensure cows are getting better fed each week.
3. Minimise risk of mastitis infection around calving.

B. On farm situation

1. Soil temperature today is 8°C.
2. Total weekly rainfall is 47.1mm.
3. Average growth was 40kgDM/ha/day, (18% DM).
4. Feeding 4kg of concentrate.
5. Farm feed wedge (12/4/10).



6. Paddocks 37 and 39 have been removed from rotation for reseeded. This means that the stocking rate on the area is now 3.49 cows/ha. The ideal pre-grazing yield is 880 kgDM/ha ($3.49 \times 12 \times 21$).
7. Feeding 4kg of concentrate to maintain intake at 16kg DM / cow per day.
8. We are allocating 1/21st of the farm each day (0.8 ha). At PGY of 900kgs and 57 cows this means a grass intake of 12kgs/cow/day.
9. 57 cows calved out of 62 (92%) to date.
10. Average milk yield is 23kg at 4.79% fat and 3.15% protein (1.83kg MS/cow), lactose 4.78%, SCC 310k, TBC 26k.
11. Six cows with high cell counts have been CMT tested and quarter sampled. They have been removed from tank and are being used to feed calves.

C. Critical short term actions :

- Allocating grass in 24hr blocks.
- On/off grazing during wet conditions.
- Cows calved on paddocks to reduce incidence of mastitis.

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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:12/04/10	HG system	HS system
Stocking rate (cows/ha)	3.1	4.6
Milk yield (kg/cow/day)	22.97	20.43
% Fat	4.79	4.53
% Protein	3.15	3.10
% Lactose	4.86	4.85
Milk solids (kg/cow/day)	1.83	1.55
Supplement (kg/cow/day)		
Concentrate	4	6
Silage	0	3
Cumulative		
Milk yield (kg/cow)	820	856
% Fat	4.89	4.81
% Protein	3.30	3.31
% Lactose	4.78	4.67
Milk solids (kg/cow)	66	69
Bodyweight (kg)	452	443
Body Condition Score	2.9	2.9
Supplement (kg/cow)		
Concentrate	186	203
Silage to milking cows (kg DM/cow)	137	120
Maize (kg DM/cow)	0	114
Conserved silage (kg DM/cow)	817	126
Total silage fed (kg DM/cow)	930	1233