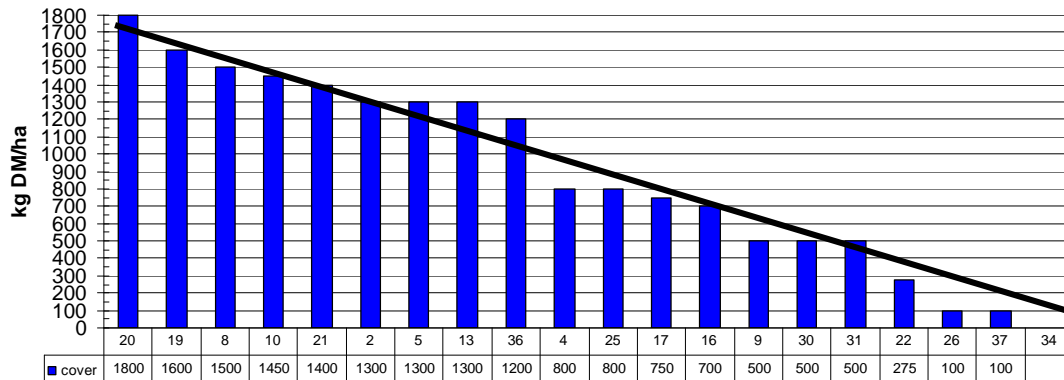


## Ballyhaise Weekly report 18/9/2008

### 1. Farm feed wedge.

**Farm cover 892kg DM/ha (283/LU)**



2. Average growth for the past 7 days was 55 kg DM/ha/day.
3. Mean soil temperature today is 12.5 deg Celsius.
4. Total rainfall for the last 7 days was 22.4 mm.
5. Average milk yield is 16.77kg at 4.34% Fat, 3.51% Protein ( 1.31kg MS/cow), SCC 232k and TBC 8k.
6. Total milk solids supply to August 1<sup>st</sup> is up 8.5% on 2007 levels (19,411 vs. 17,888).
7. Fertilizer applied to September 15<sup>th</sup> is 230 kg N per Ha.
8. Critical short term actions :

- Amended autumn budget targets are below.

Week	Grass cover	Cover/LU	Growth	Cow diet	
	(kg dm/ha)			(kg dm/day)	Grass
13-Sep	892	282	58.5	12	4
20-Sep	1037	328	50.9	12	4
27-Sep	1128	357	40.7	12	4
04-Oct	1148	363	33.6	12	4

- Rotation length is currently 32 days and post-grazing height is 4.5cm.
- Grass is allocated on a daily bases using a strip wire and back fence.
- Concentrate has been reduced from 6kgs to 4kgs.
- 40% of the farm received 46 units of Urea last week.

## 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	Target 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:18/9/2008	HG system			HS system		
	ALL	HF2	JFX2	ALL	HF2	JFX2
Milk yield (kg/cow/day)	16.77	18.39	18.33	18.02	18.81	18.70
% Fat	4.09	4.06	4.72	4.08	4.10	4.52
% Protein	3.69	3.61	3.80	3.64	3.51	3.80
% Lactose	4.58	4.59	4.65	4.60	4.65	4.72
Milk solids (kg/cow/day)	1.30	1.40	1.56	1.38	1.42	1.54
Supplement (kg/cow/day)						
Concentrate		4.0			6.0	
Silage		0			3.5	
<b>Cumulative</b>						
Milk yield (kg/cow)	3,711	3,754	3,922	3,968	3,946	3,948
% Fat	4.27	4.16	4.61	4.25	4.16	4.5
% Protein	3.35	3.29	3.47	3.38	3.26	3.52
% Lactose	4.68	4.69	4.73	4.69	4.72	4.77
Milk solids (kg/cow)	282	280	316	302	292	317
Bodyweight (kg)	505	502	477	517	515	465
Body Condition Score	2.69	2.63	2.69	2.65	2.69	2.64
Supplement (kg/cow)		426			678	
Mean Calving Date						4 <sup>th</sup> March



