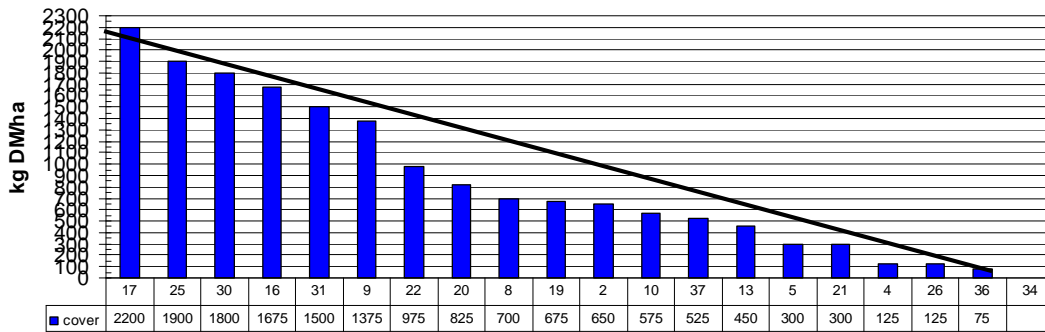


## Ballyhaise Weekly report 16/10/2008

### 1. Farm feed wedge.

**Farm cover 943kg DM/ha (299/LU)**



2. Average growth for the past 7 days was 36 kg DM/ha/day.
3. Mean soil temperature today is 9.1 deg Celsius.
4. Total rainfall for the last 7 days was 24.8mm.
5. Average milk yield is 17.01kg at 4.37% Fat, 3.67% Protein ( 1.37kg MS/cow), SCC 217k and TBC 20k.
6. Total milk solids supply to September 1<sup>st</sup> is up 8.8% on 2007 levels (22,964 vs. 21,102).
7. Fertilizer applied to September 15<sup>th</sup> is 242 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	Conc
04-Oct	1148	363	33.6	12	4
11-Oct	1118	354	25.1	12	4
18-Oct	1029	325	18.7	12	4
25-Oct	894	283	13.1	12	4

- Rotation length is currently 36 days and post-grazing height is 4.3cm.
- Allocating grass every 12 hrs with strip wire and back fencing.
- Cows are let out to graze for 3hrs after each milking and are then brought back in.

## 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:16/10/2008	HG system			HS system		
	ALL	HF2	JFX2	ALL	HF2	JFX2
Milk yield (kg/cow/day)	17.01	18.13	18.13	18.23	19.45	18.54
% Fat	4.62	4.30	5.14	4.73	4.71	5.10
% Protein	3.95	3.81	4.07	3.76	3.62	3.89
% Lactose	4.65	4.68	4.71	4.62	4.68	4.70
Milk solids (kg/cow/day)	1.45	1.46	1.66	1.53	1.60	1.66
Supplement (kg/cow/day)						
Concentrate		4.0			6.0	
Silage		0			3.5	
<b>Cumulative</b>						
Milk yield (kg/cow)	4,189	4,260	4,433	4,474	4,480	4,463
% Fat	4.29	4.17	4.65	4.28	4.20	4.55
% Protein	3.39	3.33	3.51	3.41	3.29	3.55
% Lactose	4.68	4.69	4.73	4.68	4.71	4.76
Milk solids (kg/cow)	321	320	361	344	335	362
Bodyweight (kg)	503	511	466	549	547	498
Body Condition Score	2.69	2.68	2.73	2.84	2.94	2.78
Supplement (kg/cow)		538			846	
Mean Calving Date						4 <sup>th</sup> March



