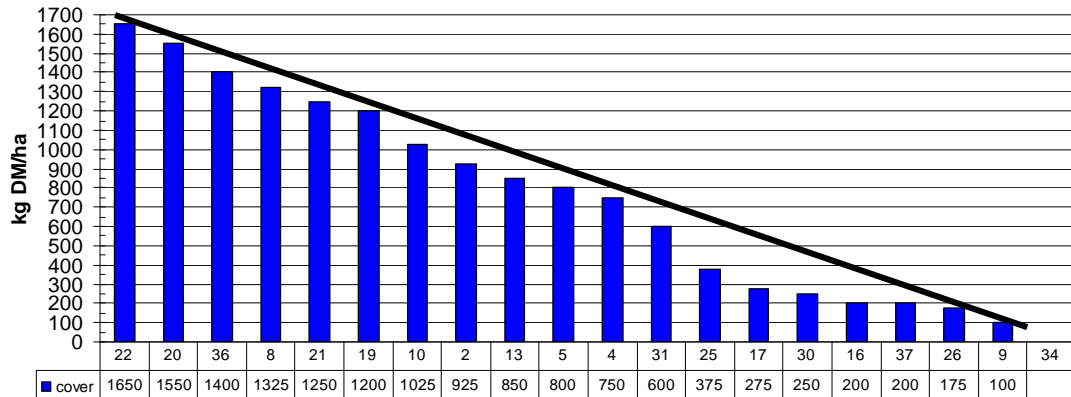


## Ballyhaise Weekly report 11/9/2008

### 1. Farm feed wedge.

**Farm cover 733kg DM/ha (232/LU)**



2. Average growth for the past 7 days was 44 kg DM/ha/day.
3. Mean soil temperature today is 14.0 deg Celsius.
4. Total rainfall for the last 7 days was 34.6 mm.
5. Average milk yield is 16.76kg 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 1<sup>st</sup> is 205 kg N per Ha.
8. Critical short term actions :

- Autumn budget targets are below.

Week	Cover	Cover per LU	Growth	Cow diet (kg DM)	
	(kg dm/ha)	(kg DM/LU)	(kg dm/day)	Grass	Conc
06-Sep	1162	387	63.1	15	3
13-Sep	1269	423	58.5	15	3
20-Sep	1344	448	50.9	14	3
27-Sep	1388	496	40.7	14	3
04-Oct	1385	495	33.6	14	3

- Rotation length is currently 28 days and post-grazing height is 4.5cm.
- Pre-grazing yield is 1670kgDM/ha.
- Grazing conditions have deteriorated this week and growth rate has dropped to 44kgs, cows are housed at night and are allocated 6kgs of grass after the morning milking, on wet days they are taken in at twelve o'clock.
- Ground conditions are not suitable for spreading fertilizer, if the weather improves dry paddocks will receive 46 units of urea at the weekend.

## 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:11/9/2008	HG system			HS system		
	ALL	HF2	JFX2	ALL	HF2	JFX2
Milk yield (kg/cow/day)	16.76	18.03	18.18	18.79	19.55	19.39
% Fat	4.19	4.11	4.69	4.24	4.18	4.68
% Protein	3.66	3.55	3.75	3.51	3.4	3.68
% Lactose	4.59	4.62	4.68	4.60	4.6	4.71
Milk solids (kg/cow/day)	1.32	1.38	1.53	1.45	1.47	1.61
Supplement (kg/cow/day)		6.0			6.0	
<b>Cumulative</b>						
Milk yield (kg/cow)	3,599	3,631	3,800	3,847	3,819	3,822
% Fat	4.27	4.16	4.6	4.25	4.15	4.5
% Protein	3.34	3.28	3.45	3.37	3.24	3.51
% Lactose	4.68	4.70	4.7	4.70	4.72	4.77
Milk solids (kg/cow)	273	261	305	293	282	307
Bodyweight (kg)	496	498	467	523	516	474
Body Condition Score	2.69	2.63	2.69	2.65	2.69	2.64
Supplement (kg/cow)		384			636	
Mean Calving Date	4 <sup>th</sup> March					



