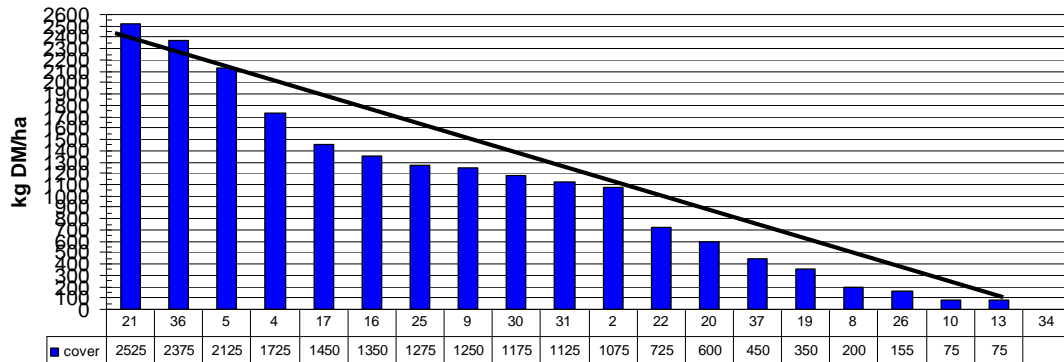


Ballyhaise Weekly report 02/10/2008

1. Farm feed wedge.

Farm cover 1055kg DM/ha (334/LU)



2. Average growth for the past 7 days was 55 kg DM/ha/day.
3. Mean soil temperature today is 11.1deg Celsius.
4. Total rainfall for the last 7 days was 21.4mm.
5. Average milk yield is 17.27kg at 4.30% Fat, 3.67% Protein (1.37kg MS/cow), SCC 420k and TBC 24k.
6. Total milk solids supply to September 1st is up 8.8% on 2007 levels (22,964 vs. 21,102).
7. Fertilizer applied to September 15th 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 |
| 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 33 days and post-grazing height is 4.5cm.
- Cover is on target, growth is similar to budget so 4kgs of concentrate will stay in.
- Allocating grass every 12 hrs with strip wire and back fencing.

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:02/10/2008 | HG system | | | HS system | | |
|--------------------------|-----------|-------|-------|-----------|-------|-----------------------|
| | ALL | HF2 | JFX2 | ALL | HF2 | JFX2 |
| Milk yield (kg/cow/day) | 17.27 | 17.44 | 19.11 | 17.22 | 18.36 | 17.98 |
| % Fat | 4.27 | 4.00 | 4.72 | 4.18 | 4.01 | 4.62 |
| % Protein | 3.67 | 3.57 | 3.77 | 3.58 | 3.45 | 3.72 |
| % Lactose | 4.63 | 4.67 | 4.71 | 4.55 | 4.58 | 4.63 |
| Milk solids (kg/cow/day) | 1.37 | 1.32 | 1.61 | 1.32 | 1.37 | 1.48 |
| Supplement (kg/cow/day) | | | | | | |
| Concentrate | | 4.0 | | | 6.0 | |
| Silage | | 0 | | | 3.5 | |
| Cumulative | | | | | | |
| Milk yield (kg/cow) | 3,953 | 4,004 | 4,185 | 4,212 | 4,204 | 4,200 |
| % Fat | 4.27 | 4.16 | 4.63 | 4.26 | 4.16 | 4.52 |
| % Protein | 3.36 | 3.30 | 3.48 | 3.39 | 3.27 | 3.53 |
| % Lactose | 4.68 | 4.69 | 4.73 | 4.69 | 4.71 | 4.76 |
| Milk solids (kg/cow) | 301 | 300 | 338 | 322 | 312 | 338 |
| Bodyweight (kg) | 504 | 510 | 466 | 530 | 528 | 489 |
| Body Condition Score | 2.78 | 2.68 | 2.83 | 2.74 | 2.78 | 2.69 |
| Supplement (kg/cow) | | 482 | | | 762 | |
| Mean Calving Date | | | | | | 4 th March |



