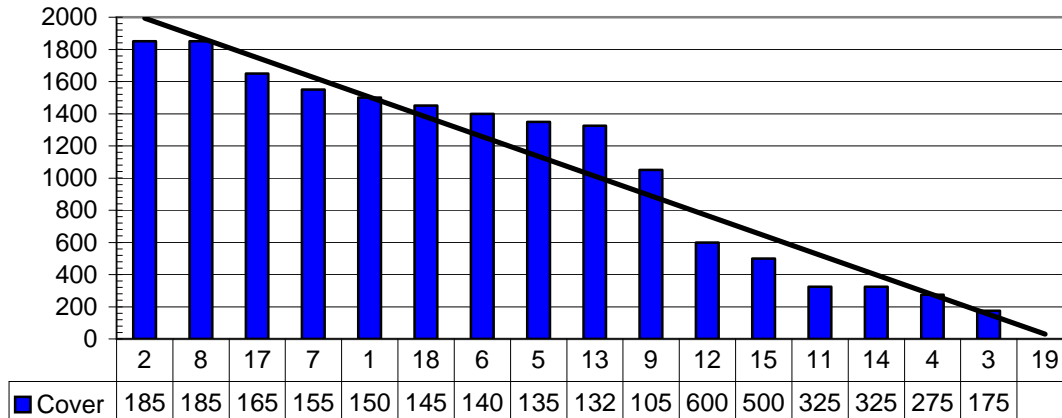


## Curtins Farm Walk Notes Tuesday 16-09-08

### 1. Farm Feed Wedge

**Farm Feed Wedge 15/09/08 1066kg/ha (352/cow)**



2. Growth over the past 7 days was 38kg DM/ha/day
3. Mean soil temperature today is 14 deg Celsius, total rainfall for the past 7 days was 25.1mm
4. Average milk yield is 14.95kg at 5.15% fat and 4.10% protein (1.38kg MS/cow), SCC 199k, Thermoduric N/D, TBC 22
5. Total milk solids supply to September 1<sup>st</sup> is up 3.62% on 2007 levels (42,150 vs. 40678 kg MS; equivalent to 302 kg MS/cow)
6. Fertilizer application for season is 246 kg N per hectare
7. Pasture growth to date is 4% ahead of 2007 levels (12.8 tons vs. 12.3tons) and approximately 570kg DM of winter feed per cow in excess of requirements.
8. Critical Short-term Actions:
  - Cows grazed using strip-wire/ back fence during wet weather
  - Post grazing height allowed to increase to increase to 5cm due to inclement weather
  - Rotation length is currently 32 days
  - 30% of the farm received 20 units of Urea on the 15<sup>th</sup> of September
  - Concentrate has been removed from the diet as grazing conditions improved
  - Farm is on target as per Autumn budget targets (below);

| Week   | Grass Cover |            | Expected Growth<br>(kg dm/day) | Grass Allocation<br>kg DM/cow/day |
|--------|-------------|------------|--------------------------------|-----------------------------------|
|        | (kg DM/ha)  | (kg DM/LU) |                                |                                   |
| 13-Sep | 1027        | 342        | 56.1                           | 18                                |
| 20-Sep | 1046        | 349        | 54.0                           | 17                                |
| 27-Sep | 1072        | 383        | 53.2                           | 17                                |
| 04-Oct | 1110        | 396        | 46.0                           | 16                                |

*\*A comparison of Holstein-Friesian genotypes under two pasture-based production systems*

| Group     | Milk SI<br>(€) | Fertility SI<br>(€) | Calving SI<br>(€) | Health SI<br>(€) | Beef SI<br>(€) | EBI<br>(€) |
|-----------|----------------|---------------------|-------------------|------------------|----------------|------------|
| NA – Low  | 36             | 12                  | 7                 | -2               | -7             | 46         |
| NA – High | 41             | 41                  | 13                | 0                | -4             | 90         |
| NZ – High | 41             | 50                  | 14                | -4               | -18            | 84         |

*\*This table was printed in error in previous weeks.*

*\*Milk Production Data as of Sunday 24/08/08*

| Group                          | NA- Low |      | NA - High |      | NZ - High |      |
|--------------------------------|---------|------|-----------|------|-----------|------|
| Daily Concentrate (kg/cow/day) | 0       | 3    | 0         | 3    | 0         | 3    |
| Total Concentrate (kg/cow)     | 187     | 596  | 178       | 591  | 173       | 631  |
| Daily Milk Yield (kg/cow/day)  | 14.35   | 16.6 | 13.6      | 16.7 | 14.5      | 16.3 |
| Fat (%)                        | 4.46    | 4.74 | 4.85      | 4.71 | 4.95      | 4.99 |
| Protein (%)                    | 3.78    | 3.59 | 3.69      | 3.70 | 3.79      | 3.87 |
| Lactose (%)                    | 4.51    | 4.51 | 4.38      | 4.46 | 4.51      | 4.61 |
| Milk Solids (kg/cow)           | 1.18    | 1.37 | 1.15      | 1.39 | 1.26      | 1.44 |
| Cum. Milk Solids (kg/cow)      | 280     | 295  | 293       | 312  | 301       | 324  |
| Bodyweight (kg)                | 534     | 562  | 525       | 548  | 519       | 535  |
| BCS                            | 2.58    | 2.75 | 2.60      | 2.61 | 2.70      | 2.80 |

**Provisional Reproductive Performance**

|                           |    |    |    |
|---------------------------|----|----|----|
| 24day Submission rate (%) | 70 | 93 | 83 |
| 42 Day In-calf Rate %     | 50 | 57 | 67 |
| 14 Week Empty Rate %      | 20 | 22 | 8  |

*\*NB: These are raw data with unbalanced groups that have not been statistically analysed and, therefore, no definite conclusions can be drawn from them. Reproductive performance data is subject to final scanning confirmation in early October.*