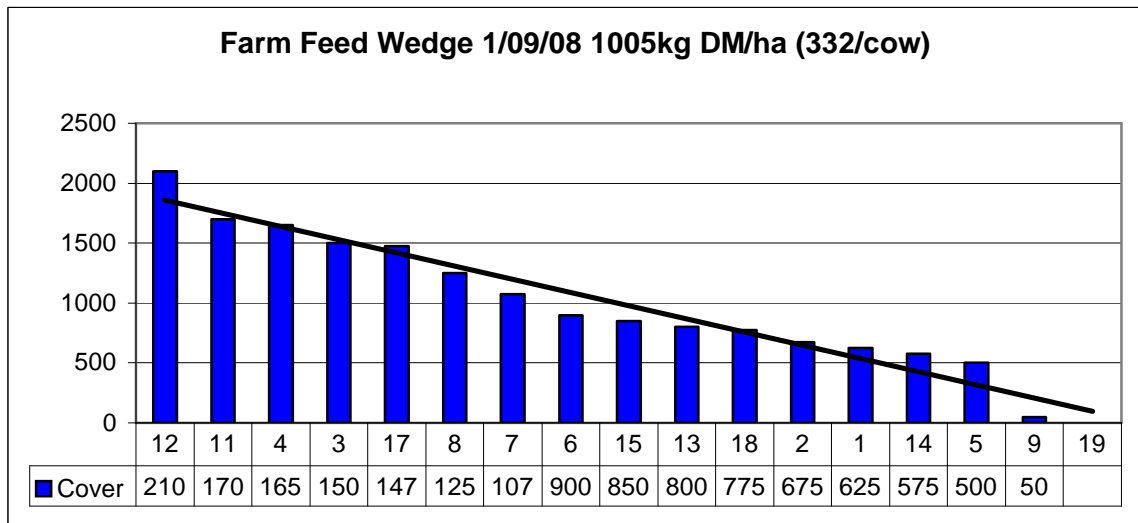


Curtins Farm Walk Notes Tuesday 02-09-08

1. Farm Feed Wedge



2. Growth over the past 7 days was 70kg DM/ha/day
3. Mean soil temperature today is 16.6 deg Celsius
4. Total rainfall for the past 7 days was 7.7 mm
5. Average milk yield is 14.1kg at 4.38% fat and 3.73% protein (1.14 kg MS/cow), SCC 300k, Thermoduric 300, TBC 28
6. Total milk solids supply to August 1st is up 5.7% on 2007 levels (36,846 vs. 34,875 kg MS; equivalent to 263 kg MS/cow), fertilizer applied to September 1st is 228 kg N per hectare (on target for 240kg/ha/yr)
7. Critical Short-term Actions:
 - Autumn Budget targets are below; with an average farm cover this week of 1005kg we are well on target to reach 1072kg DM/ha by end of September.

| Week | Grass Cover (kg dm/ha) | Cover per LU | Growth (kg dm/day) | Cow diet kg DM |
|--------|---------------------------|-----------------|-----------------------|-------------------|
| 23-Aug | 881 | 294 | 61.8 | 18 |
| 30-Aug | 940 | 313 | 60.0 | 18 |
| 06-Sep | 987 | 329 | 58.9 | 18 |
| 13-Sep | 1027 | 342 | 56.1 | 18 |
| 20-Sep | 1046 | 349 | 54.0 | 17 |
| 27-Sep | 1072 | 383 | 53.2 | 17 |

- Rotation length is currently 28 days and postgrazing height on last grazed paddock was 3.5cm
- Grazed paddocks are receiving 27 units of N (CAN) post grazing.

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

| Group | Milk SI (€) | Fertility SI (€) | Calving SI (€) | Health SI (€) | Beef SI (€) | EBI (€) |
|-----------|----------------|---------------------|-------------------|------------------|----------------|------------|
| NA – Low | 33 | 2 | 6 | -1 | 1 | 42 |
| NA – High | 43 | 15 | 16 | 1 | 1 | 75 |
| NZ – High | 45 | 23 | 19 | -4 | -8 | 76 |

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 |

NB: These are raw data with unbalanced groups that have not been statistically analysed and, therefore, no definite conclusions can be drawn from them.

Provisional Fertility Results 2008

| | NA High | NA Low | NZ High |
|--------------------------|---------|--------|---------|
| 24 Day Submission Rate % | 93 | 70 | 83 |
| 42 Day In-calf Rate % | 50 | 57 | 67 |
| 14 Week Empty Rate % | 20 | 22 | 8 |

- No significant difference between MP and HC systems
- Data is subject to final scanning confirmation in early October

