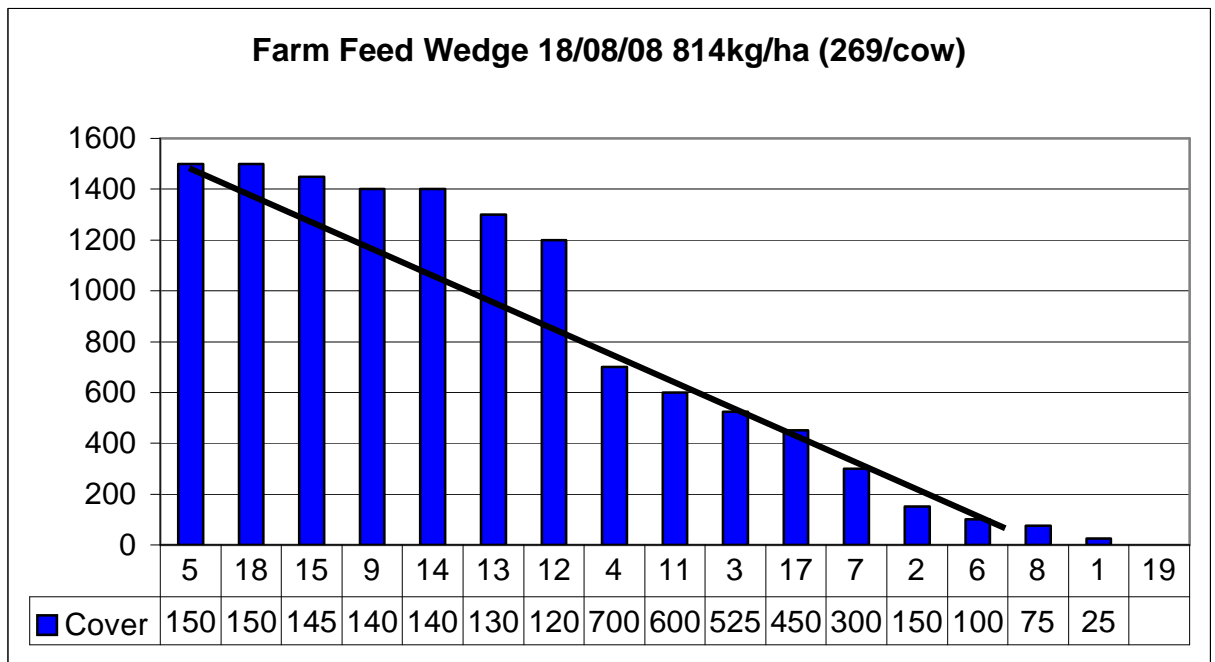


## Curtins Farm Walk Notes Tuesday 19-08-08

### 1. Farm Feed Wedge



2. Growth over the past 7 days was 70.5 kg DM/ha/day
3. Mean soil temperature today is 16.2 deg Celsius
4. Total rainfall for the past 7 days was 45.1 mm
5. Average milk yield is 16.1kg at 4.68% fat and 3.53% protein (1.32 kg MS/cow), SCC 232k, Thermoduric ND, Sediment B
6. Total milk solids supply to August 1<sup>st</sup> is up 5.7% on 2007 levels (36,846 vs. 34,875 kg MS; equivalent to 263 kg MS/cow), fertilizer applied to August 1<sup>st</sup> is 204 kg N per hectare (on target for 240kg/ha/yr)
7. July pasture averaged 12.0MJ ME and 19.2% crude protein
8. Critical Short-term Actions:
  - Autumn Budget targets are below; with an average farm cover this week of 814kg we are on target so no bales will be made this week.

Week	Grass Cover (kg dm/ha)	Cover per LU	Grazing Area (ha)	Growth (kg dm/day)	Cow diet kg DM
02-Aug	432	144	15.2	76.0	18
09-Aug	591	197	15.2	75.0	18
16-Aug	743	248	15.2	73.0	18
23-Aug	881	294	15.2	61.8	18
30-Aug	940	313	15.2	60.0	18

- Rotation length is currently 23 days and postgrazing height has risen to 4.1cm on the last grazed paddock, due to poor ground conditions caused by wet weather. Postgrazing height will be back to 3.5cm as soon as conditions allow.
- Grazed paddocks are receiving 22 units of CAN post grazing.
- Block 8 was cut for bale silage last Thursday (3.5 bales/acre)
- Paddocks are being dusted with Cal-Mag as an aid in the prevention of grass tetany.

*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 27/07/08*

Group	NA- Low		NA - High		NZ - High	
Daily Concentrate (kg/cow/day)	0	3	0	3	0	3
Total Concentrate (kg/cow)	135	528	135	550	143	561
Daily Milk Yield (kg/cow/day)	18.6	20.1	17.4	20.0	17.8	19.6
Fat (%)	3.58	3.59	3.68	3.50	3.97	4.06
Protein (%)	3.45	3.36	3.40	3.43	3.50	3.59
Lactose (%)	4.65	4.70	4.61	4.65	4.63	4.71
Milk Solids (kg/cow)	1.3	1.4	1.2	1.4	1.3	1.5
Cum. Milk Solids (kg/cow)	247	261	259	273	264	289
Bodyweight (kg)	519	545	535	561	507	523
BCS	2.65	2.80	2.73	2.86	2.84	2.86

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