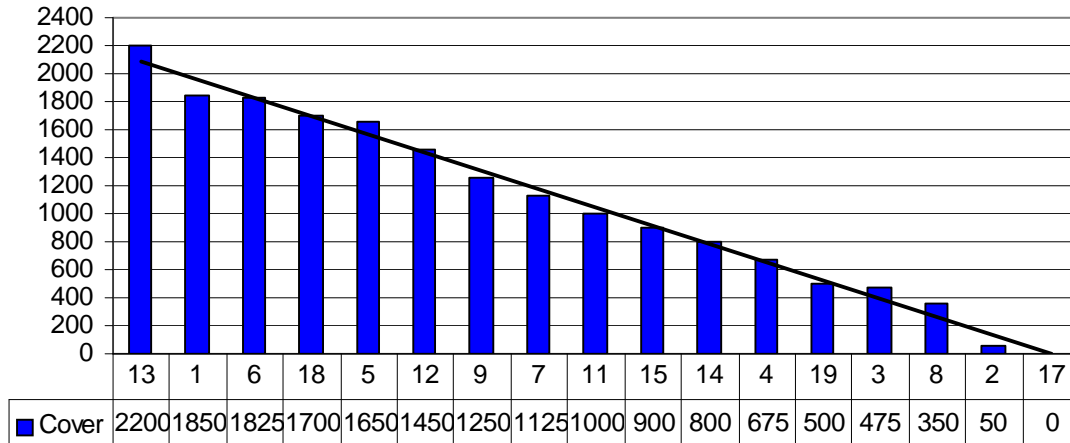


## Curtins Farm Walk Notes Tuesday 23-09-08

### 1. Farm Feed Wedge

#### Farm Feed Wedge 22/9/08 1044kg DM/ha (364/cow)



2. Growth over the past 7 days was 64kg DM/ha/day
3. Mean soil temperature today is 13.6 deg Celsius, total rainfall for the past 7 days was 0mm
4. Average milk yield is 12.4kg at 5.04% fat and 3.86% protein (1.1kg MS/cow), SCC 286k, 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:
  - Post grazing height on last grazed paddock is 3.4cm
  - Rotation length is currently 35 days
  - Paddock 19, which was reseeded in August has a cover of 500kg DM/ha and is due to be grazed by weekend
  - After removing paddock 17 (surplus removed as bales) farm is on target as per Autumn budget targets (below);

Week	Grass Cover		Expected Growth (kg dm/day)	Grass Allocation 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*

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

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

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

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