Key Summary Points

1. Average pasture cover continues to decrease this week to 1928kgDM/ha with APC declining on the rainfed portion of the platform. Irrigated cover is holding.

2. Per cow milk solid production is holding at 1.39kgMS/cow/day with another 21 cows being dried off this week.

3. The key focus for the coming week is to build cover on irrigated paddocks by slowing the rotation on these paddocks and ensure timely application of urea.

### PASTURE INFORMATION

- **Grazed milking area (ha)**
  - Last Week: 110.5
  - This Week: 110.5
  - Variation: 0.0
- **Rotation Length (days)**
  - Last Week: 38
  - This Week: 44
  - Variation: 6
- **Grazing allocation per day (ha)**
  - Last Week: 2.9
  - This Week: 2.5
  - Variation: -0.4
- **Average time since last grazed (days)**
  - Last Week: 36
  - This Week: 48
  - Variation: 12
- **Average Pasture Cover (kgDM/ha)**
  - Last Week: 110.5
  - This Week: 41.0
  - Variation: 0.0
  - Last Week: 69.5
  - This Week: 69.5
  - Variation: 0

### MILK PRODUCTION

- **Average No. cows in milk (vat)**
  - Last Week: 328
  - This Week: 312
  - Variation: -16
- **Litres per cow**
  - Last Week: 18.6
  - This Week: 18.2
  - Variation: -0.4
- **% Fat**
  - Last Week: 4.18
  - This Week: 4.40
  - Variation: 0.22
- **% Protein**
  - Last Week: 3.30
  - This Week: 3.15
  - Variation: -0.15
- **MS/cow/day**
  - Last Week: 1.39
  - This Week: 1.39
  - Variation: -0.00
- **MS/ha/day**
  - Last Week: 4.02
  - This Week: 3.83
  - Variation: -0.20
- **BMCC**
  - Last Week: 148
  - This Week: 111
  - Variation: -37
- **Average Liveweight (kg)**
  - Last Week: 509
  - This Week: 509
  - Variation: 0
- **Total Milk Production (kgMS)**
  - Last Week: 85,010
  - This Week: 85,010
  - Variation: 0
- **MS/ha YTD**
  - Last Week: 828
  - This Week: 803
  - Variation: -25

*Please note all pasture calculations detailed above are based on the current Grazed Milking Area.*
<table>
<thead>
<tr>
<th>Last 7 days</th>
<th>Rainfed Pasture (Ryegrass)</th>
<th>Irrigated Pasture (Cocksfoot/Ryegrass)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Milkers Diet</strong></td>
<td><strong>MJ ME</strong></td>
<td><strong>CP (%)</strong></td>
</tr>
<tr>
<td><strong>Pasture Intake</strong></td>
<td>9.4</td>
<td>11.2</td>
</tr>
<tr>
<td><strong>Concentrates</strong></td>
<td>4.5</td>
<td>13.0</td>
</tr>
<tr>
<td><strong>Silage</strong></td>
<td>3.1</td>
<td>10.5</td>
</tr>
<tr>
<td><strong>Grazed forage</strong></td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td><strong>Other feeds</strong></td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td>16-18</td>
</tr>
<tr>
<td><strong>Target</strong></td>
<td>191</td>
<td>16-18</td>
</tr>
</tbody>
</table>

### Rainfed vs. irrigated pasture feed quality

<table>
<thead>
<tr>
<th></th>
<th>Rainfed Pasture (Ryegrass)</th>
<th>Irrigated Pasture (Cocksfoot/Ryegrass)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MJ ME</strong></td>
<td>11.3</td>
<td>11.1</td>
</tr>
<tr>
<td><strong>CP (%)</strong></td>
<td>12.8</td>
<td>22.6</td>
</tr>
<tr>
<td><strong>NDF (%)</strong></td>
<td>51.1</td>
<td>53.2</td>
</tr>
</tbody>
</table>

### Discussion

Average pasture cover continued to decrease this week to 1928kgDM/ha, 40kg less that the predicted APC of 1968kgDM/ha. The irrigated feed wedge has held at 2145kgDM/ha this week which is below the target of 2250kgDM/ha. We will look to increase the average pasture cover on the irrigated platform in the coming week by slowing the rotation on these paddocks and increase the silage allocation. By doing this we hope to maximise the response from urea applied this week. Urea was applied to 15.8ha of the irrigated platform at 40kgN/ha, spreading between 4 days pre and 7 days post grazing. Per cow MS production is holding this week at 1.39kgMS/cow/day, with another 21 cows are being dried off this week. The lucerne crop was cut for the first time on Thursday and will be baled for hay early next week.
Average pasture cover continued to fall this week to 2174 kgDM/ha with growth rates of irrigated and rainfed paddock relatively stable at 64 kgDM/ha/day and 21 kgDM/ha/day.

Pasture Biomass (Kg DM/ha) | Paddock
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17 February 2014

Pasture Growth Rate (kgDM/ha/day) = 17
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 17

Average farm pasture cover (kgDM/ha) = 1928
Area in Rotation (ha) = 111

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