Key Summary Points

1. Average pasture cover continued to decrease this week with incrcasing demand and limited available supplement at hand creating a faster than preferred grazing rotation.

2. Per cow MS production held this week at 1.73kgMS/cow.

3. Focus for the coming week is to extend the rotation length by grazing some of the run off area and supplementing the milkers with PKE.

PASTURE INFORMATION

<table>
<thead>
<tr>
<th>Grazed milking area (ha)</th>
<th>Last Week</th>
<th>This Week</th>
<th>Variation</th>
<th>IRRIGATED</th>
<th>Last Week</th>
<th>This Week</th>
<th>Variation</th>
</tr>
</thead>
</table>
| Rotation Length (days)   | 52        | 46        | -7        | 43        | 43        | 0         | 60        | 47        | -3
| Grazing allocation per day (ha) | 2.2     | 2.5   | 0.3      | 1.0      | 1.0      | 0.0      | 1.2      | 1.6      | 0.3
| Leaf appearance rate (days per leaf) | 20    | 19     | -1       | 20       | 19       | -1       | 20       | 19       | -1
| Average Pasture Cover (kgDM/ha) | 2149  | 2089    | -60      | 2220     | 2129     | -91      | 2108     | 2065     | -43
| Pasture Growth Rate (kgDM/ha/day) | 22    | 18     | -4       | 33       | 19       | -14      | 17       | 17       | -0
| Post Grazing Biomass (kgDM/ha) | 1450  | 1500    | 50       | 179,714  | 0        | 0        | 17       | 17       | 11
| Nitrogen applied YTD (kgN/ha) | 21    | 34      | 13       | 0        | 17       | 17       | 0        | 11       | 11

MILK PRODUCTION

<table>
<thead>
<tr>
<th>Average No. cows in milk (vat)</th>
<th>Last Week</th>
<th>This Week</th>
<th>Variation</th>
<th>IRRIGATED</th>
<th>Last Week</th>
<th>This Week</th>
<th>Variation</th>
</tr>
</thead>
</table>
| Litres per cow                | 22.2      | 23.0      | 0.8       | 1.71      | 1.73      | 0.02      | 3.25      | 3.82      | 0.57
| % Fat                         | 4.41      | 4.27      | -0.14     | 3.25      | 3.25      | 0.00      | 1.71      | 1.73      | 0.02
| % Protein                     | 1.71      | 1.73      | 0.02      | 3.25      | 3.82      | 0.57      | 3.25      | 3.82      | 0.57
| MS/cow/day                    | 1.71      | 1.73      | 0.02      | 3.25      | 3.82      | 0.57      | 1.71      | 1.73      | 0.02
| MS/ha/day                     | 3.25      | 3.82      | 0.57      | 1.71      | 1.73      | 0.02      | 3.25      | 3.82      | 0.57
| BMCC                          | 179,714   | 156,429   | -23,286   | 179,714   | 156,429   | -23,286   | 179,714   | 156,429   | -23,286
| Average Liveweight (kg)       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0
| Total Milk Production (kgMS)  | 7,930     | 8,057     | 102%      | 35        | 35        | 0         | 35        | 35        | 0
| MS/ha YTD                     | 70        | 85        | 122%      | 70        | 85        | 122%      | 70        | 85        | 122%

*Please note all pasture calculations detailed above are based on the current Grazed Milking Area
### Last 7 days

<table>
<thead>
<tr>
<th>Milkers Diet</th>
<th>kg DM</th>
<th>MJ ME</th>
<th>CP (%)</th>
<th>NDF (%)</th>
<th>$/cow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pasture intake</td>
<td>10.4</td>
<td>12.5</td>
<td>20.0</td>
<td>45.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Concentrates</td>
<td>4.3</td>
<td>12.9</td>
<td>45.6</td>
<td>20.3</td>
<td>0.0</td>
</tr>
<tr>
<td>Silage</td>
<td>1.5</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Grazed forage</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Other feeds</td>
<td>0.9</td>
<td>12.0</td>
<td>0.0</td>
<td>40.0</td>
<td>0.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td>195</td>
<td>23.7</td>
<td>34.6</td>
<td>0</td>
</tr>
<tr>
<td><strong>Target</strong></td>
<td>90</td>
<td>16-18</td>
<td>&gt;33</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

### Discussion

Average pasture cover continued to decline this week to 2089kgDM/ha with increasing demand and limited supplementation available. We will be grazing 4.1ha of the run off with the milkers this coming week to extend the rotation on the milking platform. With no quality silage remaining we are substituting with quality hay and PKE. Favourable weather is forecast for the coming week and so we expect covers to hold or increase. Winter crop paddocks were sown back to perennial pasture this week. These paddocks were pre-spread with 0-7-13-8 at 300kg/ha and lime at 5t/ha prior to drilling.
Average pasture cover decreased this week to 2169kg DM/ha with lower soil temperature most likely contributing to reduced growth rates, currently averaging 14kgDM/ha/day.

Work continues with calf shed modifications.

Mating of the milking herd has started and as they have been synchronised we expect a busy week ahead.

---

**Pasture Biomass (Kg DM/ha)**

- **Paddock**: 29 August 2016
- **Area in Rotation (ha)**: 115
- **Pasture Growth Rate (kgDM/ha/day)**: 18
- **Predicted Growth Rate Next 7 Days (kgDM/ha/day)**: 29

**Average farm pasture cover (kgDM/ha) = 2089**

**TargetLine**

**Pasture Growth Rate (kgDM/ha/day)**

**Pasture Growth Last 7 days**

**Irrigated Pasture**

**Rain-Fed Pasture**

**Predicted Wedge 7 Days Time**

<table>
<thead>
<tr>
<th>Paddock</th>
<th>Predicted Wedge 7 Days Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paddock</td>
<td>TargetLine</td>
</tr>
</tbody>
</table>

---

**Pasture Biomass (Kg DM/ha)**

- **Paddock**: 29 August 2016
- **Area in Rotation (ha)**: 115
- **Pasture Growth Rate (kgDM/ha/day)**: 18
- **Predicted Growth Rate Next 7 Days (kgDM/ha/day)**: 29

**Average farm pasture cover (kgDM/ha) = 2089**

**TargetLine**

**Pasture Growth Rate (kgDM/ha/day)**

**Pasture Growth Last 7 days**

**Irrigated Pasture**

**Rain-Fed Pasture**

**Predicted Wedge 7 Days Time**

<table>
<thead>
<tr>
<th>Paddock</th>
<th>Predicted Wedge 7 Days Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paddock</td>
<td>TargetLine</td>
</tr>
</tbody>
</table>

---

**Pasture Biomass (Kg DM/ha)**

- **Paddock**: 29 August 2016
- **Area in Rotation (ha)**: 115
- **Pasture Growth Rate (kgDM/ha/day)**: 18
- **Predicted Growth Rate Next 7 Days (kgDM/ha/day)**: 29

**Average farm pasture cover (kgDM/ha) = 2089**

**TargetLine**

**Pasture Growth Rate (kgDM/ha/day)**

**Pasture Growth Last 7 days**

**Irrigated Pasture**

**Rain-Fed Pasture**

**Predicted Wedge 7 Days Time**

<table>
<thead>
<tr>
<th>Paddock</th>
<th>Predicted Wedge 7 Days Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paddock</td>
<td>TargetLine</td>
</tr>
</tbody>
</table>