Key Summary Points

1. Average pasture cover has dropped to 2170kgDM/ha with dry weather seeing growth on the rain fed paddocks reduced to 4KgDM/ha/day and irrigation system breakdowns leading to reduced growth rates on the irrigated ground.

2. With a significant feed deficit visible in the feed wedge we will be reducing the daily total DM allocation to 16.5kgDM/cow/day this coming week, upping the grain to 5kg/cow/day and silage to 3.6kgDM/cow/day.

3. Key focus for the coming week is to monitor irrigation and to plant the winter crop (kale).

### PASTURE INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Last Week</th>
<th>This Week</th>
<th>Variation</th>
<th>Last Week</th>
<th>This Week</th>
<th>Variation</th>
<th>Last Week</th>
<th>This Week</th>
<th>Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grazed milking area (ha)</td>
<td>108.8</td>
<td>108.8</td>
<td>0.0</td>
<td>38.4</td>
<td>38.4</td>
<td>0.0</td>
<td>70.4</td>
<td>70.4</td>
<td>0</td>
</tr>
<tr>
<td>Rotation Length (days)</td>
<td>44</td>
<td>64</td>
<td>20</td>
<td>27</td>
<td>30</td>
<td>2</td>
<td>64</td>
<td>176</td>
<td>112</td>
</tr>
<tr>
<td>Grazing allocation per day (ha)</td>
<td>2.5</td>
<td>1.7</td>
<td>-0.8</td>
<td>1.4</td>
<td>1.3</td>
<td>-0.1</td>
<td>1.1</td>
<td>0.4</td>
<td>-0.7</td>
</tr>
<tr>
<td>Average time since last grazed (days)</td>
<td>43</td>
<td>39</td>
<td>-4</td>
<td>25</td>
<td>27</td>
<td>2</td>
<td>53</td>
<td>46</td>
<td>-7</td>
</tr>
<tr>
<td>Leaf appearance rate (days per leaf)</td>
<td>11</td>
<td>11</td>
<td>0</td>
<td>10</td>
<td>10</td>
<td>0</td>
<td>12</td>
<td>12</td>
<td>0</td>
</tr>
<tr>
<td>Average Pasture Cover (kgDM/ha)</td>
<td>2309</td>
<td>2170</td>
<td>-139</td>
<td>2623</td>
<td>2540</td>
<td>-83</td>
<td>2137</td>
<td>1968</td>
<td>-170</td>
</tr>
<tr>
<td>Pasture Growth Rate (kgDM/ha/day)</td>
<td>37</td>
<td>19</td>
<td>-17</td>
<td>76</td>
<td>47</td>
<td>-29</td>
<td>15</td>
<td>4</td>
<td>-11</td>
</tr>
<tr>
<td>Post Grazing Biomass (kgDM/ha)</td>
<td>1735</td>
<td>1563</td>
<td>-172</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nitrogen applied YTD (kgN/ha)</td>
<td>119</td>
<td>119</td>
<td>0</td>
<td>13</td>
<td>0</td>
<td>-13</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

*Please note all pasture calculations detailed above are based on the current Grazed Milking Area.

### MILK PRODUCTION

<table>
<thead>
<tr>
<th></th>
<th>Last Week</th>
<th>This Week</th>
<th>Variation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average No. cows in milk (vat)</td>
<td>356</td>
<td>359</td>
<td>3</td>
</tr>
<tr>
<td>Litres per cow</td>
<td>20.8</td>
<td>20.7</td>
<td>-0.1</td>
</tr>
<tr>
<td>% Fat</td>
<td>4.19</td>
<td>4.44</td>
<td>0.25</td>
</tr>
<tr>
<td>% Protein</td>
<td>3.36</td>
<td>3.25</td>
<td>-0.11</td>
</tr>
<tr>
<td>MS/cow/day</td>
<td>1.56</td>
<td>1.60</td>
<td>0.04</td>
</tr>
<tr>
<td>MS/ha/day</td>
<td>4.90</td>
<td>5.07</td>
<td>0.17</td>
</tr>
<tr>
<td>BMCC</td>
<td>104</td>
<td>106</td>
<td></td>
</tr>
<tr>
<td>Average Liveweight (kg)</td>
<td>497</td>
<td>497</td>
<td></td>
</tr>
<tr>
<td>Total Milk Production (kgMS/ha YTD)</td>
<td>74,878</td>
<td>77,808</td>
<td>104%</td>
</tr>
<tr>
<td>MS/ha YTD</td>
<td>669</td>
<td>756</td>
<td>88</td>
</tr>
</tbody>
</table>

### Pasture Growth Rate

- Average Pasture Cover
- Pasture Growth Rate

Thomas Snare
Farm Manager- 0429 940 063
### Discussion

Average pasture cover dropped further this week to 2170kgDM/ha with growth on the dryland portion of the platform all but stopping and growth slowing on the irrigated paddocks due to problems with the irrigation controller. With a significant feed deficit visible in the feed wedge we will look to reduce the total daily DM allocation further this coming week to 16.5kgDM/cow/day and increase the gain allocation to 5kgDM/cow/day. Looking ahead, as cover on the dryland portion of the platform becomes limiting we will start drying off low producers in order to reduce the herd to a number that can be sustained by the irrigated paddocks. The pasja crop has reached maturity however we will defer grazing for as long as possible in order to increase yield. The winter Kale crop will be planted this coming week, direct drilling into the stubble of the pea and oat silage crop. The crop will be sown at 5kg/ha and top dressed with 300kg/ha DAP. We will spray prior to emergence with chlorpyrifos to control army worm. We will wean all remaining calves this coming week and hope to sort and sell surplus heifer calves.
5 January 2015

Average farm pasture cover (kgDM/ha) = 2170
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day) = 19
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 20

Pasture Biomass (kg DM/ha)

Pasture Growth Rate (kgDM/ha/day)