Key Summary Points

1. Average pasture cover dropped slightly this week to 2395kgDM/ha.

2. Per cow production dropped slightly this week to 1.65kgMS/cow/day. We are currently 11600kgMS up on this time last year and production is tracking well against budget.

3. The pea and oat silage crop was harvested this week with the irrigated crop yielding approximately 6.5tDM/ha and the dryland crop yielding 3tDM/ha.

**Pasture Information**

<table>
<thead>
<tr>
<th></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>
</tr>
<tr>
<td>Rotation Length (days)</td>
<td>45</td>
<td>52</td>
<td>6</td>
</tr>
<tr>
<td>Grazing allocation per day (ha)</td>
<td>2.4</td>
<td>2.1</td>
<td>-0.3</td>
</tr>
<tr>
<td>Average time since last grazed (days)</td>
<td>35</td>
<td>38</td>
<td>3</td>
</tr>
<tr>
<td>Leaf appearance rate (days per leaf)</td>
<td>11</td>
<td>11</td>
<td>0</td>
</tr>
<tr>
<td>Average Pasture Cover (kgDM/ha)</td>
<td>2450</td>
<td>2395</td>
<td>-55</td>
</tr>
<tr>
<td>Pasture Growth Rate (kgDM/ha/day)</td>
<td>52</td>
<td>35</td>
<td>-18</td>
</tr>
<tr>
<td>Post Grazing Biomass (kgDM/ha)</td>
<td>1565</td>
<td>1743</td>
<td>178</td>
</tr>
<tr>
<td>Nitrogen applied YTD (kgN/ha)</td>
<td>109</td>
<td>109</td>
<td>0</td>
</tr>
</tbody>
</table>

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

**Milk Production**

- Average No. cows in milk (vat) | Last Week: 359 | This Week: 359 | Variation: 0
- Litres per cow | Last Week: 22.7 | This Week: 22.1 | Variation: -0.5
- % Fat | Last Week: 4.26 | This Week: 4.27 | Variation: 0.02
- % Protein | Last Week: 3.18 | This Week: 3.17 | Variation: -0.01
- MS/cow/day | Last Week: 1.69 | This Week: 1.65 | Variation: -0.04
- MS/ha/day | Last Week: 5.38 | This Week: 5.25 | Variation: -0.12
- Average Liveweight (kg) | Last Week: 99 | This Week: 137 | Variation: 38
- Total Milk Production (kgMS) | Last Week: 65,155 | This Week: 66,037 | Variation: 101%
- MS/ha YTD | Last Week: 582 | This Week: 645 | Variation: 63

*Average time since last grazed (days)*

*Leaf appearance rate (days per leaf)*

*Average Pasture Cover (kgDM/ha)*

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

*Post Grazing Biomass (kgDM/ha)*

*Nitrogen applied YTD (kgN/ha)*
Last 7 days

<table>
<thead>
<tr>
<th></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>12.0</td>
<td>10.5</td>
<td>18.5</td>
<td>50.2</td>
<td>0.0</td>
</tr>
<tr>
<td>Concentrates</td>
<td>4.7</td>
<td>12.8</td>
<td>12.3</td>
<td>16.5</td>
<td>0.0</td>
</tr>
<tr>
<td>Silage</td>
<td>2.4</td>
<td>11.0</td>
<td>15.0</td>
<td>49.0</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>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Total</td>
<td>19</td>
<td>211.4</td>
<td>16.5</td>
<td>41.8</td>
<td>0.0</td>
</tr>
<tr>
<td>Target</td>
<td>191</td>
<td>16-18</td>
<td>&gt;33</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Average pasture cover dropped slightly this week to 2395kgDM/ha. The feed wedge indicates that a feed deficit is approaching in the coming fortnight. With some rain forecast for the coming week we will maintain the current rotation (30 days on the irrigated and 70 days on the dryland) and try to build some cover on the dryland paddocks to fill this deficit. Per cow milk solids production continued to decline this week to 1.65kgMS/cow/day. Feed quality on the dryland paddocks has deteriorated as the rotation has slowed. We are attempting to balance feed quality by alternating grazing between dryland and irrigated paddocks where possible. The pea and oat silage crops were harvested this week with the irrigated crop yielding approximately 6.5tDM/ha and the dryland paddock 3tDM/ha. The reduced yield of dryland crop was not only a result of lower water availability but also lower plant density due to shallow drilling and bird damage. All bales were weighed prior to wrapping and samples have been taken for feed quality testing.

Discussion
The focus for the coming weeks is to monitor pasture residuals and quality as growth starts to turn reproductive. Pregraze topping or silage conservation will be used where required to maintain quality.

Pasture Biomass (Kg DM/ha)

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Predicted Wedge 7 Days Time

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Pasture Growth Rate (kg DM/ha/day)

Paddocks in Rotation

TargetLine

Average farm pasture cover (kgDM/ha) = 2395
Area in Rotation (ha) = 109
Pasture Growth Rate (kgDM/ha/day)= 35
Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 35

Thomas Snare
Farm Manager- 0429 940 063