**Key Summary Points**

1. **MILK PRODUCTION**
   - Average No. cows in milk (vat) 306
   - Litres per cow 25.1
   - % Fat 3.91
   - % Protein 3.13
   - MS/cow/day 1.80
   - MS/ha/day 4.87
   - BMCC 173
   - Average Liveweight (kg) 23.9
   - Budgeted Production to date 37,750
   - Total Milk Production (kgMS) 25,201
   - MS/ha YTD 331

2. **Farm Information**
   - Graze milk area (ha) 112.3
   - Leaf appearance rate (days per leaf) 11
   - Average Pasture Cover (kgDM/ha) 2460
   - Pasture Growth Rate (kgDM/ha/day) 31
   - Nitrogen applied YTD (kgN/ha) 38

3. **Pasture Information**
   - Farm 17-18:
     - Grazed milk area (ha) 112.3
     - Leaf appearance rate (days per leaf) 11
     - Average Pasture Cover (kgDM/ha) 2460
     - Pasture Growth Rate (kgDM/ha/day) 31
     - Nitrogen applied YTD (kgN/ha) 38
   - Irrigated:
     - Grazed milk area (ha) 101.3
     - Leaf appearance rate (days per leaf) 10
     - Average Pasture Cover (kgDM/ha) 2651
     - Pasture Growth Rate (kgDM/ha/day) 71
     - Nitrogen applied YTD (kgN/ha) 38
   - Rain-fed:
     - Grazed milk area (ha) 37.2
     - Leaf appearance rate (days per leaf) 7
     - Average Pasture Cover (kgDM/ha) 2723
     - Pasture Growth Rate (kgDM/ha/day) 48
     - Nitrogen applied YTD (kgN/ha) 8

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

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**MILK PRODUCTION Diagram:**
- Average No. cows in milk (vat)
- Litres per cow
- % Fat
- % Protein
- MS/cow/day
- MS/ha/day
- BMCC
- Average Liveweight (kg)
- Budgeted Production to date
- Total Milk Production (kgMS)
- MS/ha YTD

**Pasture Information Diagram:**
- Grazed milk area (ha)
- Leaf appearance rate (days per leaf)
- Average Pasture Cover (kgDM/ha)
- Pasture Growth Rate (kgDM/ha/day)
- Nitrogen applied YTD (kgN/ha)

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**Milk Production Graph:**
- Budgeted Production
- Farm 17-18
- Pasture Growth Rate Graph:
- Farm 17-18
- Pasture Growth Rate (kgDM/ha/day)
### 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>
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<tbody>
<tr>
<td>Pasture Intake</td>
<td>16.0</td>
<td>11.6</td>
<td>20.3</td>
<td>49.4</td>
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<td>Concentrates</td>
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<tr>
<td>Grazed forage</td>
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<tr>
<td>Other feeds</td>
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<td>0.0</td>
<td>0.0</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>19</strong></td>
<td><strong>223.1</strong></td>
<td><strong>19.3</strong></td>
<td><strong>48.4</strong></td>
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<tr>
<td><strong>Target</strong></td>
<td><strong>210</strong></td>
<td><strong>16-18</strong></td>
<td><strong>&gt;33</strong></td>
<td><strong>0</strong></td>
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</tbody>
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### Analysis

<p>| | | |</p>
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<tbody>
<tr>
<td>Expected growth rate next 7 days (kgDM/ha/day)</td>
<td>45</td>
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<tr>
<td>Total Demand from Pasture (kgDM/ha/day)</td>
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<td>2584</td>
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<tr>
<td>APC balance (kgDM/ha/day)</td>
<td>-9</td>
<td>-66.2</td>
</tr>
</tbody>
</table>

### Discussion

- Soil Temperature at 9am (°C)
  - 17-18 Average Soil Temp @ 10cm
  - 18-19 Average Soil Temp @ 10cm

- Rainfall Data
  - Rainfall 17-18
  - Weekly Rainfall 17-18
  - Rainfall 18-19
  - Weekly Rainfall 18-19

- Analysis
  - Target Leaf Grazing Stage: 2.5-3.0
  - Predicted APC 7 days time: 2584
  - Predicted APC Change: -66.2

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Bradley Millhouse  
Farm Manager  
0408 436 357
Average pasture cover decreased this week to 2169 kg DM/ha with lower soil temperature most likely contributing to reduced growth rates, currently averaging 14 kg DM/ha/day.

Work continues with calf shed modifications.