Key Summary Points

1. **Pasture Information**
   - **Grazed Milking Area (ha)**
     - Last Week: 106.2
     - This Week: 112.3
     - Variation: 6.1
   - **Leaf Appearance Rate (days per leaf)**
     - Last Week: 14
     - This Week: 14
     - Variation: 0
   - **Average Pasture Cover (kgDM/ha)**
     - Last Week: 2255
     - This Week: 2357
     - Variation: 102
   - **Pasture Growth Rate (kgDM/ha/day)**
     - Last Week: 33
     - This Week: 46
     - Variation: 13
   - **Post Grazing Biomass (kgDM/ha)**
     - Last Week: 1498
     - This Week: 1453
     - Variation: -45
   - **Nitrogen Applied YTD (kgN/ha)**
     - Last Week: 16
     - This Week: 17
     - Variation: 1

2. **Milk Production**
   - **Average No. cows in milk (vat)**
     - Last Week: 230
     - This Week: 255
     - Variation: 25
   - **Litres per cow**
     - Last Week: 23.2
     - This Week: 23.6
     - Variation: 0.4
   - **% Fat**
     - Last Week: 4.29
     - This Week: 4.07
     - Variation: -0.22
   - **% Protein**
     - Last Week: 3.00
     - This Week: 3.14
     - Variation: 0.14
   - **MS/cow/day**
     - Last Week: 1.71
     - This Week: 1.70
     - Variation: -0.01
   - **MS/ha/day**
     - Last Week: 3.48
     - This Week: 3.83
     - Variation: 0.35
   - **BMCC**
     - Last Week: 188
     - This Week: 130
     - Variation: -58
   - **Average Liveweight (kg)**
     - Last Week: 0
     - This Week: 0
     - Variation: -85
   - **Total Milk Production (kgMS)**
     - Last Week: 18,571
     - This Week: 10,431
     - Variation: -56%
   - **MS/ha YTD**
     - Last Week: 163

3. **Pasture Information**
   - **Farm Irrigated Rain-fed**
     - **Total DM (AreaXCover)**
       - Last Week: 230
       - This Week: 17-18
         - Farm: 17-18
         - Irrigated: 18-19
         - Rain-fed: 18-19
       - To Date: 17-18
         - Farm: 17-18
         - Irrigated: 18-19
         - Rain-fed: 18-19
   - **Milk Production**
     - **Budgeted Production**
       - 17-18 per cow: 100
       - 18-19 per cow: 100
       - Milk Production YTD: -5
   - **Pasture Growth Rate**
     - **Growth Rate (kgDM/ha/day)**
       - 17-18 Farm: 0
       - 18-19 Irrigated: 0
       - 18-19 Rain-fed: 0
       - Farm 17: 0
       - 18-19 Farm: 0

*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>
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<tbody>
<tr>
<td>Pasture Intake</td>
<td>14.0</td>
<td>13.3</td>
<td>22.6</td>
<td>45.2</td>
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<td>Concentrates</td>
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<td>12.5</td>
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<td>Silage</td>
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<td>Grazed forage</td>
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<td>248.7</td>
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<td><strong>Target</strong></td>
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<td>16-18</td>
<td>&gt;33</td>
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</table>

### Analysis

- **Expected growth rate next 7 days (kgDM/ha/day)**: 45
- **Target Leaf Grazing Stage**: 2.5-3.0
- **Total Demand from Pasture (kgDM/ha/day)**: 35
- **Predicted APC 7 days time**: 2427
- **APC balance (kgDM/ha/day)**: 10
- **Predicted APC Change**: 69.3

### Discussion

[Graphs and charts of Soil Temperature and Rainfall Data are shown.]
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.

**Pasture Growth Last 7 Days**

**Predicted Growth Rate Next 7 Days (kgDM/ha/day) = 30**