Maine Cranberry Keeping Quality Forecast (2019)

With 16 possible points to be awarded for the forecast model, using weather conditions from the NWS for Bangor and Caribou, **Bangor and Caribou each finished with 5 points.**

<table>
<thead>
<tr>
<th>Points Awarded</th>
<th>Keeping Quality</th>
<th>Interpretation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MAXIMUM POSSIBLE POINTS = 16</strong></td>
<td>(The ‘expected’ keeping quality of the fruit in the absence of any steps to manage fruit rot)</td>
<td></td>
</tr>
<tr>
<td>0 to 2</td>
<td><strong>VERY POOR</strong></td>
<td>Be very careful with your fungicide use, particularly in a fresh-fruit situation, as fruit quality will be sacrificed if you reduce your fungicide sprays. Be especially conservative in any beds that were not sprayed with fungicide the previous year, or that had significant rot or scald (especially Stevens if they were scalded).</td>
</tr>
<tr>
<td>3 or 4</td>
<td><strong>POOR</strong></td>
<td>You should use full recommended rates and numbers of applications for fruit rot fungicides. However, if you held Late Water, fungicide inputs ‘may’ be reduced.</td>
</tr>
<tr>
<td>5 or 6</td>
<td><strong>FAIR TO GOOD</strong></td>
<td>You should probably not reduce your fungicide rates and/or the number of fungicide applications. (If Late Water was held, you can reduce your fungicide inputs in that situation.)</td>
</tr>
<tr>
<td>7 or 8</td>
<td><strong>GOOD</strong></td>
<td>Can ‘probably’ spray a fungicide just once and no more than twice (definitely spray no more than twice if you used a Late Water flood)</td>
</tr>
<tr>
<td>9 to 11</td>
<td><strong>VERY GOOD TO EXCELLENT</strong></td>
<td>Can ‘probably’ eliminate your fungicide applications or spray no more than once (definitely eliminate if you used a Late Water flood)</td>
</tr>
<tr>
<td>12 to 16</td>
<td><strong>EXCEPTIONAL</strong></td>
<td>Can ‘probably’ eliminate your fungicide applications (definitely eliminate if you used a Late Water flood)</td>
</tr>
</tbody>
</table>

**Notes:**

- ★ Anytime you have a bed that had excessive rot or a very large crop the previous year, suffered severe drought stress during either of the previous two years, or had leaf drop in the spring of the current year, then you should not reduce your fungicide sprays, regardless of a ‘FAIR’ or ‘GOOD’ forecast model.

- ★ In general, ‘cool and dry’ work to the crop’s advantage with regards to fruit rot levels (fruit rot fungi like it ‘hot and humid’), but if there’s a drought, the plants will be stressed such that they are more vulnerable to rot.

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### Maine 2019 Final Cranberry Keeping Quality Forecast

For conditions at Bangor and Caribou:

1. **Bangor**: 1,901 hours → **4 points**  
   **Caribou**: 2,254 hours → **2 points**  
   (compromised for Caribou because so close)

2. **Bangor**: 156 hours → **0 points**  
   **Caribou**: 156 hours → **0 points**

3. **Bangor**: 145 hours → **0 points**  
   **Caribou**: 160 hours → **0 points**

4. **Bangor**: 5.53” → **0 points**  
   **Caribou**: 4.84” → **0 points**

5. **Bangor**: 42.5°F → **0 points**  
   **Caribou**: 37.6°F → **1 point**  
   (compromised with Caribou because so close)

6. **Bangor**: 51.5°F → **0 points**  
   **Caribou**: 48.8°F → **0 points**

7. **Bangor**: 4.43” → **1 point**  
   **Caribou**: 3.19” → **1 point**

8. **Bangor**: 62.4°F → **0 points**  
   **Caribou**: 60.4°F → **0 points**

9. **Bangor**: 5.33” → **0 points**  
   **Caribou**: 2.91” → **1 point**

Total points out of 16 possible:  
Bangor and Caribou each finished with 5 points (Forecast = FAIR to GOOD).