## 2014 Freshpack Potato Variety Trial
### Elmaple Farms, Kalkaska County, MI

**Harvest**: 9/16/2014  **Days**: 118  **DD, Base 40**: 2521

<table>
<thead>
<tr>
<th>LINE</th>
<th>CW/T/A</th>
<th>PERCENT OF TOTAL</th>
<th>TUBER QUALITY</th>
<th>VINE VIGOR</th>
<th>VINE MATURITY</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>US#1</td>
<td>TOTAL</td>
<td>US#1</td>
<td>BS</td>
<td>AS</td>
<td>OV</td>
</tr>
<tr>
<td>Cascada</td>
<td>610</td>
<td>747</td>
<td>82</td>
<td>15</td>
<td>82</td>
<td>0</td>
</tr>
<tr>
<td>MSS206-2</td>
<td>606</td>
<td>619</td>
<td>98</td>
<td>1</td>
<td>42</td>
<td>56</td>
</tr>
<tr>
<td>W6703-1Y (Oneida Gold)</td>
<td>580</td>
<td>608</td>
<td>96</td>
<td>4</td>
<td>80</td>
<td>16</td>
</tr>
<tr>
<td>Allora</td>
<td>560</td>
<td>601</td>
<td>93</td>
<td>6</td>
<td>76</td>
<td>17</td>
</tr>
<tr>
<td>MSQ131-A</td>
<td>531</td>
<td>551</td>
<td>97</td>
<td>1</td>
<td>34</td>
<td>63</td>
</tr>
<tr>
<td>MSQ086-3</td>
<td>512</td>
<td>543</td>
<td>95</td>
<td>2</td>
<td>65</td>
<td>30</td>
</tr>
<tr>
<td>MSM288-2Y</td>
<td>487</td>
<td>534</td>
<td>91</td>
<td>5</td>
<td>79</td>
<td>12</td>
</tr>
<tr>
<td>MSS176-1</td>
<td>433</td>
<td>477</td>
<td>91</td>
<td>3</td>
<td>70</td>
<td>21</td>
</tr>
</tbody>
</table>

**MEAN**: 540 585 1.074

tr = trace, sl = slight, NA = not available  
SED = stem end defect, gc = growth crack

### Comments
- **Tuber Quality (number of tubers per total cut)**
  - BS: < 1 7/8"  
  - As: 1 7/8" - 3.25"  
  - OV: > 3.25"  
  - PO: Pickouts

- **Vine Vigor Rating**  
  - Date Taken: 26-Jun-14  
  - Ratings: 1 - 5  
  - 1: Slow Emergence  
  - 5: Early Emergence (vigorous vine, some flowering)

- **Vine Maturity Rating**  
  - Date Taken: 13-Aug-14  
  - Ratings: 1 - 5  
  - 1: Early (vines completely dead)  
  - 5: Late (vigorous vine, some flowering)

- **Planting to Vine Kill**  
  - Days from Planting to Vine Kill: 104  
  - Fall Fumigation:  

- **Vines Killed**: 2-Sep-14  

- **Planting**: 21-May-14  

### Variety Comments
- **Cascada**: oblong tuber type, light yellow flesh, sl bottle necking in pickouts, 0.5 common scab
- **MSS206-2**: sticky stoln, 1.5 common scab, one tuber with blackleg
- **W6703-1Y (Oneida Gold)**: smooth uniform tuber type, 0.5 common scab, light yellow flesh
- **Allora**: oblong tuber type, light yellow flesh, sl bottle necking in pickouts, 0.5 common scab
- **MSQ131-A**: misshapen pickouts, 1.5 common scab, sl pinkeye, blackleg in one tuber
- **MSQ086-3**: gc and misshapen in pickouts, 0.5 common scab
- **MSM288-2Y**: gc and misshapen pickouts, 1.5 common scab, yellow flesh
- **MSS176-1**: flat oval shape, gc and misshapen in pickouts, 0.5 common scab, tr pinkeye

### Variety Notes
- 0.5 common scab, gc and misshapen in pickouts, 0.5 common scab
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- Neo repulsion
- CWT Per Acre: 9/16/2014  
  - 2014 Freshpack Potato Variety Trial  
  - oblong tuber type, light yellow flesh, sl bottle necking in pickouts, 0.5 common scab
  - smooth uniform tuber type, light yellow flesh
  - sticky stoln, 1.5 common scab, one tuber with blackleg
  - oblong tuber type, light yellow flesh, sl bottle necking in pickouts, 0.5 common scab
  - misshapen pickouts, 1.5 common scab, sl pinkeye, blackleg in one tuber
  - gc and misshapen in pickouts, 0.5 common scab
  - gc and misshapen pickouts, 1.5 common scab, yellow flesh
  - flat oval shape, gc and misshapen in pickouts, 0.5 common scab, tr pinkeye

### Planting Station: Kalkaska