### 2012 "Select" Processing Potato Variety Trial

**Crooks Farms, Madison Rd., Gratiot County, MI**

**Harvest:** 14-Aug-12  
**118 Days**  
**DD, Base 40**  
**2843**

<table>
<thead>
<tr>
<th>LINE</th>
<th>CWT/A</th>
<th>PERCENT OF TOTAL</th>
<th>CHIP SIZE</th>
<th>TUBER QUALITY</th>
<th>TOTAL 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 Bs</td>
<td>As OV PO SP GR HH VD IBS BC</td>
<td>CWT CUT</td>
<td>VIGOR</td>
<td>MATURITY</td>
</tr>
<tr>
<td>Lamoka</td>
<td>485</td>
<td>562</td>
<td>86 11 86 0 3</td>
<td>1.076 1.0 0 0 0 0</td>
<td>10</td>
<td>4.0</td>
<td>2.0</td>
</tr>
<tr>
<td>MSQ086-3</td>
<td>480 630</td>
<td>76 22 76 0 2</td>
<td>1.069 1.0 0 0 0 0</td>
<td>10</td>
<td>3.0</td>
<td>3.0</td>
<td>small tuber size bright white chip, sl SED</td>
</tr>
<tr>
<td>Atlantic</td>
<td>372 419</td>
<td>89 11 80 9 0</td>
<td>1.081 1.0 0 0 2 1</td>
<td>10</td>
<td>3.5</td>
<td>1.5</td>
<td>misshapen tubers in pickouts VD in chips, sl SED</td>
</tr>
</tbody>
</table>

**MEAN:** 446 537 1.075

1. **SIZE**
   - Bs: < 1 7/8"  
   - As: 1 7/8" - 3.25"  
   - OV: > 3.25"  
   - HH: Hollow Heart  
   - VD: Vascular Discoloration  
   - IBS: Internal Brown Spot  
   - PO: Pickouts  
   - BC: Brown Center

2. **TUBER QUALITY** (number of tubers per total cut)
   - Snack Food Association Scale
   - Out of the field
   - Ratings: 1 - 5

3. **CHIP COLOR SCORE**
   - Scofield Scale
   - Excellent  
   - Slow Emergence  
   - Early Emergence (vigorous vine, some flowering)

4. **VINE VIGOR RATING**
   - Date Taken: 14-Aug-12  
   - Ratings: 1 - 5
   - Early (vines completely dead)
   - Late (vigorous vine, some flowering)

5. **VINE MATURITY RATING**
   - Date Taken: 14-Aug-12  
   - Ratings: 1 - 5
   - Planting to Vine Kill:
   - Days from Planting to Vine Kill: 118
   - Seed Spacing: 10"
   - No Fumigation

6. **MAWN STATION:** Entrican

**Planted:** 18-Apr-12

**Vines Killed:** 14-Aug-12

**Comments:**

- tr = trace, sl = slight, N/A = not applicable
- SED = stem end defect, gc = growth crack