## 2013 "Select" Processing Potato Variety Trial

### Crooks Farms, Deane Rd., Montcalm County, MI

**Harvest:** 4-Oct-13  
**Days:** 122  
**DD, Base 40:** 2894

### MAWN STATION: Entrican  
**Planting to Vine Kill:** 4-Jun-13  
**Planted:**  
**Days from Planting to Vine Kill:** 106  
**Vines Killed:** 18-Sep-13  
**Seed Spacing:** 10"  
**No Fumigation**

### Tuber Quality

<table>
<thead>
<tr>
<th>LINE</th>
<th>CWT/A</th>
<th>PERCENT OF TOTAL</th>
<th>CHIP</th>
<th>TUBER QUALITY</th>
<th>TOTAL</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>
<td>PO</td>
<td>SP GR</td>
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<tr>
<td>MSL292-A</td>
<td>495</td>
<td>516</td>
<td>96</td>
<td>4</td>
<td>79</td>
<td>17</td>
<td>0</td>
<td>1.074</td>
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<tr>
<td>FL1833</td>
<td>479</td>
<td>501</td>
<td>96</td>
<td>4</td>
<td>84</td>
<td>12</td>
<td>0</td>
<td>1.076</td>
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<tr>
<td>NY148</td>
<td>452</td>
<td>479</td>
<td>94</td>
<td>6</td>
<td>89</td>
<td>5</td>
<td>0</td>
<td>1.079</td>
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<tr>
<td>MSR127-2</td>
<td>451</td>
<td>492</td>
<td>92</td>
<td>8</td>
<td>78</td>
<td>14</td>
<td>0</td>
<td>1.082</td>
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<tr>
<td>W5955-1</td>
<td>439</td>
<td>482</td>
<td>91</td>
<td>9</td>
<td>85</td>
<td>6</td>
<td>0</td>
<td>1.079</td>
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<tr>
<td>Lamoka</td>
<td>402</td>
<td>409</td>
<td>98</td>
<td>2</td>
<td>51</td>
<td>47</td>
<td>0</td>
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<tr>
<td>NY153</td>
<td>337</td>
<td>394</td>
<td>85</td>
<td>15</td>
<td>84</td>
<td>1</td>
<td>0</td>
<td>1.081</td>
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<tr>
<td>A00188-3C</td>
<td>296</td>
<td>394</td>
<td>75</td>
<td>25</td>
<td>75</td>
<td>0</td>
<td>0</td>
<td>1.078</td>
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### Mean

<table>
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<th></th>
<th>419</th>
<th>459</th>
<th>1.078</th>
</tr>
</thead>
</table>

### Footnotes

1. **SIZE**  
   - BS: < 1 7/8"  
   - As: 1 7/8" - 3.25"  
   - OV: > 3.25"  
   - PO: Pickouts  
   - BC: Brown Center  

2. **TUBER QUALITY** (number of tubers per total cut)
   - HH: Hollow Heart  
   - VD: Vascular Discoloration  
   - IBS: Internal Brown Spot  

3. **CHIP COLOR SCORE** - Snack Food Association Scale
   - 1: Excellent  
   - 5: Poor  

4. **VINE VIGOR RATING**
   - Date Taken: 8-Jul-13  

5. **VINE MATURITY RATING**
   - Date Taken: 28-Aug-13  

### Commentary

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

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**Comments:**

- MS L292-A: 495 516 96 4 79 17 0 1.074 1.5 1 2 1 0 10 4.0 4.0 0.0 common scab, flat round tuber type
- FL 1833: 479 501 96 4 84 12 0 1.076 1.5 0 3 1 0 10 4.0 3.5 2.5 common scab, large tuber type, light yellow flesh
- NY 148: 452 479 94 6 89 5 0 1.079 1.0 0 0 0 0 10 4.5 4.5 0.0 common scab, flattened round tuber type
- MSR 127-2: 451 492 92 8 78 14 0 1.082 1.0 1 0 0 0 10 4.5 4.5 0.0 common scab, flat oval tuber type
- W5955-1: 439 482 91 9 85 6 0 1.079 1.5 0 5 0 0 10 4.0 4.0 0.0 common scab, uniform tuber type
- Lamoka: 402 409 98 2 51 47 0 1.077 1.5 0 3 0 1 10 3.5 4.0 0.0 common scab, pear shape tuber
- NY 153: 337 394 85 15 84 1 0 1.081 1.5 2 2 0 0 10 4.0 3.5 0.0 common scab, tr deep apical eye
- A00188-3C: 296 394 75 25 75 0 0 1.078 1.5 0 1 0 0 10 4.5 3.5 0.0 common scab, small tuber size

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**Summary:**

- The trial was conducted at Crooks Farms, Deane Rd., Montcalm County, MI, with planting on 4-Jun-13.
- The trial included varieties such as MSL292-A, FL1833, NY148, MSR127-2, W5955-1, Lamoka, NY153, and A00188-3C.
- Tuber quality was assessed based on size, vine vigor, vine maturity, and comments.
- The trial was part of a larger "Select" processing potato variety trial.

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**Additional Notes:**

- Map Plot Details
- Crop Management Practices
- Environmental Conditions
- Yield and Quality Analysis