### 2013 Processing Potato Variety Trial

**Lennard Ag., St. Joseph County, MI**

**Harvest**: 23-Sep-13  
**Days DD, Base 40**: 3321

<table>
<thead>
<tr>
<th>LINE</th>
<th>CWT/A US#1 TOTAL</th>
<th>PERCENT OF TOTAL1 US#1 Bs As OV PO</th>
<th>CHIP COLOR SCORE1</th>
<th>TUBER QUALITY2</th>
<th>TOTAL VINE VIGOR3</th>
<th>VINE MATURITY4</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL1879</td>
<td>887</td>
<td>920</td>
<td>97 1 48 49 2</td>
<td>1.082 1.5</td>
<td>4 2 0 0 10</td>
<td>3.0 2.5</td>
<td>3.0 common scab</td>
</tr>
<tr>
<td>MSL292-A</td>
<td>704</td>
<td>719</td>
<td>98 2 47 51 0</td>
<td>1.082 1.0</td>
<td>2 3 0 0 10</td>
<td>2.0 3.0</td>
<td>2.5 common scab, tr sheep nose, flat apical to stem end</td>
</tr>
<tr>
<td>MSS165-2Y</td>
<td>683</td>
<td>751</td>
<td>91 4 81 10 5</td>
<td>1.085 1.5</td>
<td>3 4 0 0 10</td>
<td>2.0 3.0</td>
<td>0.0 common scab, knobs and gc in pickouts</td>
</tr>
<tr>
<td>W5955-1</td>
<td>633</td>
<td>665</td>
<td>95 4 49 46 1</td>
<td>1.076 1.0</td>
<td>2 2 1 2 10</td>
<td>3.5 2.5</td>
<td>0.5 common scab</td>
</tr>
<tr>
<td>MSM246-B</td>
<td>575</td>
<td>620</td>
<td>93 5 83 10 2</td>
<td>1.088 1.0</td>
<td>0 1 0 0 10</td>
<td>2.0 3.0</td>
<td>2.5 common scab</td>
</tr>
<tr>
<td>Snowden</td>
<td>575</td>
<td>618</td>
<td>93 5 67 26 2</td>
<td>1.087 1.0</td>
<td>1 0 0 1 10</td>
<td>3.0 3.0</td>
<td>2.5 common scab</td>
</tr>
<tr>
<td>Lamoka</td>
<td>530</td>
<td>554</td>
<td>95 4 75 20 1</td>
<td>1.078 1.5</td>
<td>0 2 0 0 10</td>
<td>3.0 2.5</td>
<td>0.0 common scab, oval tuber shape, points in some tubers</td>
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<tr>
<td>MSL007-B</td>
<td>483</td>
<td>553</td>
<td>87 10 80 7 3</td>
<td>1.073 1.0</td>
<td>3 2 0 0 10</td>
<td>2.0 2.5</td>
<td>heavy netted skin</td>
</tr>
<tr>
<td>MSR127-2</td>
<td>464</td>
<td>548</td>
<td>85 8 58 27 7</td>
<td>1.080 1.0</td>
<td>0 3 0 0 10</td>
<td>3.0 2.5</td>
<td>gc in pickouts</td>
</tr>
<tr>
<td>W6609-3</td>
<td>457</td>
<td>544</td>
<td>84 13 83 1 3</td>
<td>1.083 1.0</td>
<td>0 1 0 1 10</td>
<td>3.0 3.0</td>
<td>0.0 common scab, gc in pickouts</td>
</tr>
<tr>
<td>Pike</td>
<td>423</td>
<td>476</td>
<td>89 10 86 3 1</td>
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<td>3.0 2.0</td>
<td>0.0 common scab</td>
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<td>1.085 1.5</td>
<td>0 3 0 0 10</td>
<td>2.0 3.0</td>
<td>netted skin</td>
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<tr>
<td>NYL153</td>
<td>408</td>
<td>497</td>
<td>83 9 77 6 8</td>
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<td>4 2 0 0 10</td>
<td>2.5 2.5</td>
<td>0.0 common scab, misshapen in pickouts</td>
</tr>
<tr>
<td>A00188-3C</td>
<td>366</td>
<td>473</td>
<td>77 15 75 2 8</td>
<td>1.074 1.0</td>
<td>0 0 0 0 10</td>
<td>4.0 2.5</td>
<td>0.0 common scab, sl Pinkeye, misshapen and knobby tubers in pickouts</td>
</tr>
<tr>
<td>MSR169-8Y</td>
<td>355</td>
<td>397</td>
<td>89 11 78 11 0</td>
<td>1.077 1.0</td>
<td>0 2 0 0 10</td>
<td>1.5 3.5</td>
<td>one tuber with Pinkeye</td>
</tr>
<tr>
<td>MSN190-2</td>
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<td>384</td>
<td>86 13 77 9 1</td>
<td>1.084 1.0</td>
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<td>2.0 3.0</td>
<td>0.5 common scab</td>
</tr>
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<td>CO02321-4W</td>
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<td>410</td>
<td>72 27 70 2 1</td>
<td>1.082 1.0</td>
<td>0 2 0 0 10</td>
<td>3.0 3.0</td>
<td>2.5 common scab</td>
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<td>AC01151-5W</td>
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<td>318</td>
<td>78 19 78 0 3</td>
<td>1.068 1.5</td>
<td>0 2 0 0 10</td>
<td>2.5 3.0</td>
<td>0.5 common scab, misshapen pickouts</td>
</tr>
</tbody>
</table>

**MEAN**  
491 552 1.080

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1. **SIZE**:  
   - Bs: < 1 7/8"  
   - As: 1 7/8" - 3.25"  
   - OV: > 3.25"

2. **TUBER QUALITY (number of tubers per total cut)**:  
   - Wh: Hollow Heart  
   - VD: Vascular Discoloration  
   - IB: Internal Brown Spot  
   - PO: Pickouts

3. **CHIP COLOR SCORE**:  
   - Snack Food Association Scale

4. **TUBER QUALITY**:  
   - HH: Hollow Heart  
   - VD: Vascular Discoloration

5. **VINE VIGOR**:  
   - Ratings: 1 - 5

6. **VINE MATURITY**
   - Ratings: 1 - 5

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**COMMENTS**:
- 2.5 common scab, tr sheep nose, flat apical to stem end
- 0.0 common scab, knobs and gc in pickouts
- heavy netted skin
- gc in pickouts
- 0.0 common scab, gc in pickouts
- 0.0 common scab, oval tuber shape, points in some tubers
- 0.0 common scab, sl Pinkeye, misshapen and knobby tubers in pickouts
- one tuber with Pinkeye
- severe SED
- 0.0 common scab, sl Pinkeye, misshapen and knobby tubers in pickouts
- 0.0 common scab, sl Pinkeye, misshapen and knobby tubers in pickouts
- sugar in 2 chips

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**SEED SPACING**: 10"

**PLANTED**:
- 7-May-13

**VINES KILLED**:
- 5-Sep-13

**DAYS FROM PLANTING TO VINE KILL**: 121

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**SEED END DEFECT, GC = GROWTH CRACK**

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**MAWN STATION**: Coldwater

**PLANTING TO VINE KILL**

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**RATINGS**: 1 - 5

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**HARVEST**

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**DD, BASE 40**: 3321