## 2013 MPIC Box Bin Processing Potato Variety Trial

**MSU Montcalm Research Center, Montcalm County, MI**

### Harvest
- **2-Oct-13**
- **149 Days**
- **DD, Base 40\(^6\) 3320**

### Details
- **Planted:** 6-May-13
- **Vines Killed:** 10-Sep-13
- **Days from Planting to Vine Kill:** 127
- **Seed Spacing:** 10\(^{"}\)
- **No Fumigation:**

### Planting to Vine Kill Ratings
1: Early (vines completely dead)  
2: Slow Emergence  
3: Early Emergence (vigorous vine, some flowering)  
4: Late (vigorous vine, some flowering)

### Key Points
- **Comments:**
  - 2.0 common scab, rhizoctonia
  - 0.5 common scab, rhizoctonia
  - 1.5 common scab, trace of pitted scab, rhizoctonia
  - common scab, trace of pitted scab
  - common scab, heavy netted skin
  - 0.5 common scab, no scab

### Table

<table>
<thead>
<tr>
<th>LINE</th>
<th>CWTA</th>
<th>PERCENT OF TOTAL</th>
<th>CHIP COLOR SCORE</th>
<th>TUBER QUALITY</th>
<th>TOTAL CUT</th>
<th>VINE VIGOR</th>
<th>VINE MATURITY</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSS934-4</td>
<td>550</td>
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<td>94 6 74 20 0</td>
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<tr>
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<td>390</td>
<td>85 14 81 1</td>
<td>1.088</td>
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<td>2.0</td>
<td>1.0 common scab, rhizoctonia, small tuber type</td>
</tr>
</tbody>
</table>

### Mean Values
- **CWT/A:** 265
- **US#1 TOTAL:** 364
- **Chip Color Score:** 1.088

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1. **Size**  
   - Bs: 1/7.8"  
   - VD: Vascular Discoloration  
   - As: 1/7.8" - 3.25"  
   - OV: > 3.25"  
   - PO: Pickouts  

2. **Tuber Quality** (number of tubers per total cut)
   - HH: Hollow Heart  
   - VD: Vascular Discoloration  
   - IBS: Internal Brown Spot  
   - BC: Brown Center

3. **Chip Color Score - Snack Food Association Scale**
   - Out of the field

4. **Vine Vigor Rating**
   - Date Taken: 11-Jun-13

5. **Vine Maturity Rating**
   - Date Taken: 20-Aug-13

6. **Comments**
   - tr = trace, sl = slight, NA = not available
   - SED = stem end defect, gc = growth crack