

**2011 "Select" Processing Potato Variety Trial**  
**Crooks Farms, McBride Rd., Montcalm County, MI**  
Harvest 7-Oct-11      128 Days  
DD, Base 40<sup>6</sup>      3146

| LINE      | CWT/A |       | PERCENT OF TOTAL <sup>1</sup> |    |    |    |    | SP GR | CHIP SCORE <sup>3</sup> | TUBER QUALITY <sup>2</sup> |    |     |    | TOTAL CUT | VINE VIGOR <sup>4</sup> | VINE MATURITY <sup>5</sup> | COMMENTS                    | CHIP COMMENTS |
|-----------|-------|-------|-------------------------------|----|----|----|----|-------|-------------------------|----------------------------|----|-----|----|-----------|-------------------------|----------------------------|-----------------------------|---------------|
|           | US#1  | TOTAL | US#1                          | Bs | As | OV | PO |       |                         | HH                         | VD | IBS | BC |           |                         |                            |                             |               |
| Lamoka    | 490   | 548   | 90                            | 9  | 80 | 10 | 1  | 1.087 | 1.0                     | 0                          | 2  | 0   | 0  | 10        | 4.0                     | 3.5                        | tr scab                     | clean         |
| AF2291-10 | 469   | 499   | 94                            | 5  | 94 | 0  | 1  | 1.086 | 1.0                     | 1                          | 4  | 0   | 1  | 10        | 2.5                     | 2.5                        | tr scab                     | tr SED        |
| MSQ089-1  | 437   | 471   | 93                            | 7  | 89 | 4  | 0  | 1.080 | 1.0                     | 0                          | 3  | 0   | 1  | 10        | 3.5                     | 3.5                        | sl scab                     | clean         |
| MSL292-A  | 381   | 424   | 90                            | 10 | 82 | 8  | 0  | 1.074 | 1.0                     | 0                          | 3  | 0   | 1  | 10        | 3.0                     | 3.5                        | tr pitted scab              | clean         |
| W5015-12  | 375   | 481   | 78                            | 21 | 78 | 0  | 1  | 1.081 | 1.0                     | 1                          | 6  | 1   | 0  | 10        | 4.0                     | 4.0                        | sl scab                     | clean         |
| MSL007-B  | 362   | 448   | 81                            | 19 | 79 | 2  | 0  | 1.072 | 1.0                     | 1                          | 2  | 0   | 0  | 10        | 3.0                     | 3.0                        | no scab, small round tubers | tr SED        |

**MEAN 419 478 88**

**1.080**

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

|                    |   |  |  |   |                                     |           |
|--------------------|---|--|--|---|-------------------------------------|-----------|
| <sup>1</sup> SIZE  | <sup>2</sup> TUBER QUALITY (number of tubers per total cut) | <sup>3</sup> CHIP COLOR SCORE - Snack Food Association Scale | <sup>4</sup> VINE VIGOR RATING                     | <sup>5</sup> VINE MATURITY RATING       | Planted:                            | 1-Jun-11  |
| Bs: < 1 7/8"       | HH: Hollow Heart  | (Out of the field)   | Date Taken: 30-Jun-11                              | Date Taken: 2-Sep-11                    | Vines Killed:                       | 22-Sep-11 |
| As: 1 7/8" - 3.25" | VD: Vascular Discoloration                                  | Ratings: 1 - 5   | Ratings: 1 - 5                                     | Ratings: 1 - 5                          | Days from Planting to Vine Kill:    | 113       |
| OV: > 3.25"        | IBS: Internal Brown Spot                                    | 1: Excellent   | 1: Slow Emergence                                  | 1: Early (vines completely dead)        | Seed Spacing :                      | 10"       |
| PO: Pickouts       | BC: Brown Center  | 5: Poor  | 5: Early Emergence (vigorous vine, some flowering) | 5: Late (vigorous vine, some flowering) | No Fumigation                       |           |
|                    |   |  |  |   | <sup>6</sup> MAWN STATION: Entrican |           |
|                    |   |  |  |   | Planting to Vine Kill               |           |