

2009 "Select" Processing Potato Variety Trial Crooks Farms, Deaner Rd., Montcalm County, MI

Harvest 7-Oct-09 134 Days
DD, Base 40⁶ 2436

| LINE | CWT/A | | PERCENT OF TOTAL ¹ | | | | | SP GR | CHIP | TUBER QUALITY ² | | | | TOTAL CUT | VINE | VINE | COMMENTS | CHIP |
|-------------|------------|------------|-------------------------------|----|----|----|----|--------------|--------------------|----------------------------|----|-----|----|-----------|--------------------|-----------------------|---|-----------------------------|
| | US#1 | TOTAL | US#1 | Bs | As | OV | PO | | SCORE ³ | HH | VD | IBS | BC | | VIGOR ⁴ | MATURITY ⁵ | | COMMENTS |
| W5015-12 | 736 | 817 | 90 | 9 | 67 | 23 | 1 | 1.099 | 1.0 | 6 | 0 | 0 | 0 | 10 | 4.5 | 4.5 | surface scab, gc in pickouts | 2 severe SED |
| MSQ070-1 | 590 | 658 | 90 | 9 | 85 | 5 | 1 | 1.106 | 1.5 | 4 | 2 | 0 | 0 | 10 | 3.0 | 4.0 | gc | 8 sl SED, 4 hollow heart |
| W2324-1 | 512 | 569 | 90 | 8 | 75 | 15 | 2 | 1.093 | 1.0 | 2 | 0 | 0 | 1 | 10 | 4.5 | 3.5 | tr pitted scab, not uniform type, misshapen pickouts | 8 sl SED |
| MSL292-A | 429 | 466 | 92 | 8 | 86 | 6 | 0 | 1.084 | 1.0 | 0 | 2 | 0 | 0 | 10 | 4.5 | 2.5 | tr pitted scab, nice uniform type | 2 sl SED |
| NY139 | 380 | 417 | 91 | 9 | 88 | 3 | 0 | 1.087 | 1.0 | 0 | 1 | 0 | 0 | 10 | 4.0 | 2.5 | pear shapes | 2 sl SED |
| MSR061-1 | 371 | 410 | 90 | 10 | 90 | 0 | 0 | 1.085 | 1.0 | 0 | 1 | 0 | 0 | 10 | 3.5 | 2.5 | nice uniform type | 0 |
| FL2137 | 285 | 310 | 91 | 9 | 69 | 22 | 0 | 1.086 | 1.0 | 0 | 2 | 0 | 0 | 10 | 2.5 | 3.0 | nice uniform type | 3 sl SED |
| MEAN | 472 | 521 | 91 | | | | | 1.091 | | | | | | | | | | |

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

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|-------------------------|---|--|--|---|-------------------------------------|
| <u>¹SIZE</u> | <u>²TUBER QUALITY (number of tubers per total cut)</u> | <u>³CHIP COLOR SCORE - Snack Food Association Scale</u> (Out of the field) | <u>⁴VINE VIGOR RATING</u> | <u>⁵VINE MATURITY RATING</u> | Planted: 26-May-09 |
| Bs: < 1 7/8" | HH: Hollow Heart | | Date Taken: 29-Jun-09 | Date Taken: 3-Sep-09 | Vines Killed: 2-Sep-09 |
| As: 1 7/8" - 3.25" | VD: Vascular Discoloration | Ratings: 1 - 5 | Ratings: 1 - 5 | Ratings: 1 - 5 | Days from Planting to Vine Kill: 99 |
| 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 |

⁶MAWN STATION: Entrican
Planting to Vine Kill