

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

Harvest 25-Sep-09 143 Days
DD, Base 40⁶ 2705

| LINE | CWT/A | | PERCENT OF TOTAL ¹ | | | | | | CHIP SCORE ³ | TUBER QUALITY ² | | | | TOTAL CUT | VINE VIGOR ⁴ | VINE MATURITY ⁵ | COMMENTS | CHIP COMMENTS |
|-------------------|------------|------------|-------------------------------|----------|-----------|----------|----------|--------------|-------------------------|----------------------------|----------|----------|----------|-----------|-------------------------|----------------------------|---|------------------------------|
| | US#1 | TOTAL | US#1 | Bs | As | OV | PO | SP GR | | HH | VD | IBS | BC | | | | | |
| W2324-1 | 591 | 608 | 97 | 3 | 92 | 5 | 0 | 1.086 | 1.0 | 2 | 2 | 0 | 1 | 10 | 3.0 | 3.0 | large size, tr pitted scab | tr internal browning |
| MSQ070-1 | 539 | 596 | 90 | 10 | 86 | 4 | 0 | 1.084 | 1.0 | 3 | 0 | 1 | 0 | 10 | 2.5 | 2.0 | tr pitted scab, netted skin, uniform round tubers | tr SED |
| FL2137 | 502 | 511 | 98 | 2 | 98 | 0 | 0 | 1.081 | 1.0 | 0 | 0 | 0 | 0 | 10 | 1.5 | 2.0 | tr surface scab | |
| Monticello | 409 | 433 | 94 | 6 | 88 | 6 | 0 | 1.073 | 1.0 | 3 | 1 | 0 | 0 | 10 | 1.5 | 2.0 | tr surface and pitted scab | 6 SED, 1 hollow heart |
| NY139 | 405 | 426 | 95 | 5 | 92 | 3 | 0 | 1.070 | 1.0 | 0 | 2 | 0 | 0 | 10 | 2.0 | 1.5 | small set | |
| MSL292-A | 337 | 387 | 87 | 13 | 87 | 0 | 0 | 1.061 | 1.0 | 0 | 1 | 0 | 1 | 10 | 4.0 | 3.0 | netted skin, small uniform round tubers | |
| MSR061-1 | 311 | 373 | 83 | 17 | 83 | 0 | 0 | 1.070 | 1.0 | 0 | 2 | 0 | 0 | 10 | 4.0 | 1.5 | small round uniform tuber type, netted skin | |
| W5015-12 | 270 | 387 | 70 | 30 | 70 | 0 | 0 | 1.073 | 1.0 | 0 | 0 | 0 | 0 | 10 | 2.0 | 2.0 | heavy russet skin | 2 sl SED |
| MEAN | 421 | 465 | 89 | | | | | 1.075 | | | | | | | | | | |

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

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|--------------------|---|--|--|---|--------------------------------------|
| ¹ SIZE | ² TUBER QUALITY (number of tubers per total cut) | ³ CHIP COLOR SCORE - Snack Food Association Scale | ⁴ VINE VIGOR RATING | ⁵ VINE MATURITY RATING | Planted: 5-May-09 |
| Bs: < 1 7/8" | HH: Hollow Heart | (Out of the field) | Date Taken: 1-Jun-09 | Date Taken: 24-Aug-09 | Vines Killed: 28-Aug-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: 115 |
| 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