

2010 Processing Potato Variety Trial

Main Farms, Montcalm County, MI

Harvest 13-Sep-10 126 Days
DD, Base 40⁶ 3472

LINE	CWT/A		PERCENT OF TOTAL ¹					SP GR	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			HH	VD	IBS	BC					
Snowden	624	648	96	2	89	7	2	1.074	1.5	1	5	0	0	10	3.0	3.0	misshapen pickouts, surface and pitted scab	N/A
MSP515-2	504	519	97	3	77	20	0	1.074	1.5	0	2	0	0	10	2.0	4.5	sl surface and pitted scab	severe VD
MSL292-A	434	471	92	8	92	0	0	1.084	1.0	0	0	0	0	10	2.0	2.5	sl pitted scab	N/A
MSQ035-3	425	459	93	4	82	11	3	1.069	2.0	0	0	0	0	10	2.0	2.5	knob and gc in pickouts, surface scab	N/A
NY139	403	436	93	5	92	1	2	1.074	1.0	0	0	0	0	10	1.0	2.5	sl surface scab, pointed pickouts	N/A
W5015-12	393	449	88	12	88	0	0	1.087	2.0	0	1	0	0	10	2.0	3.5	pitted and surface scab	tr greening
MSL007-B	369	406	91	9	91	0	0	1.071	1.0	0	2	0	0	10	1.5	3.0	small overall size, heavy dark net, sl pitted and surface scab	tr VD
MSR102-3	355	378	94	6	83	11	0	1.059	2.5	0	2	1	0	10	1.0	4.0	sicky stolen, surface scab	N/A
W2310-3	325	373	87	11	87	0	2	1.075	2.0	0	0	1	0	10	2.0	3.0	surface and pitted scab, misshapen pickouts	N/A
FL1879	317	336	95	3	84	11	2	1.074	1.5	5	0	0	0	10	1.5	2.5	sl surface scab	tr VD
MSR061-1	261	307	85	15	85	0	0	1.080	1.5	2	0	0	1	10	2.0	2.5	tr surface scab, dark netting	N/A
MSQ279-1	252	278	91	6	84	7	3	1.076	1.5	0	0	0	0	10	1.5	3.5	misshapen pickouts, tr surface scab, skinning	N/A
Pike	238	282	85	15	83	2	0	1.080	1.0	0	0	0	0	10	2.5	2.5	small overall tuber size, clean appearance	tr SED
MSP459-5	204	294	69	31	68	1	0	1.091	2.0	0	2	0	0	10	3.5	2.5	small size profile, tr surface scab	N/A
MSQ070-1	176	199	89	11	89	0	0	1.082	1.0	0	0	2	0	10	1.0	4.5	small tuber size, tr pitted and surface scab	N/A
MSH228-6	135	150	90	9	90	0	1	1.084	1.0	0	3	0	0	10	3.5	3.5	small tuber number, tr pitted	N/A
MEAN	339	374	90					1.077										

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

¹ SIZE	² TUBER QUALITY (number of tubers per total cut)	³ CHIP COLOR SCORE - Snack Food Association Scale (Out of the field)	⁴ VINE VIGOR RATING	⁵ VINE MATURITY RATING	Planted:	10-May-10
Bs: < 1 7/8"	HH: Hollow Heart		Date Taken: 8-Jun-10	Date Taken: 24-Aug-10	Vines Killed:	1-Sep-10
As: 1 7/8" - 3.25"	VD: Vascular Discoloration	Ratings: 1 - 5	Ratings: 1 - 5	Ratings: 1 - 5	Days from Planting to Vine Kill:	114
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