

2009 Processing Potato Variety Trial Main Farms, Montcalm County, MI

Harvest 14-Sep-09 132 Days
DD, Base 40⁶ 2613

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					
MSM037-1	675	710	95	2	87	8	3	1.078	1.0	0	0	0	0	10	5.0	4.0	tr surface scab, large blocky tubers, soft rot in three tubers	moderate SED
Snowden	623	661	95	5	92	3	0	1.088	1.5	0	1	0	0	10	5.0	3.0	pitted and surface scab	2 dark chips
FL1879	604	607	100	0	58	42	0	1.075	1.0	0	0	0	1	10	5.0	3.0	large tuber size, sl pitted and surface scab	4 dark chips
W5015-12	568	608	93	7	92	1	0	1.095	1.0	1	0	0	0	10	4.5	4.0	sl pitted scab, flat round type	
MSQ070-1	513	593	87	13	87	0	0	1.091	1.0	0	0	0	1	10	5.0	4.0	tr surface scab, small size profile	tr SED
MSL292-A	493	531	93	7	87	6	0	1.079	1.0	0	0	0	0	10	5.0	2.0	sl pitted scab, nice uniform type	
MSQ279-1	485	497	98	2	80	18	0	1.076	1.0	0	0	0	0	10	5.0	4.0	nice size profile, tr surface scab, sl sheep nose	sl SED
MSH228-6	466	503	93	7	93	0	0	1.089	1.0	0	0	0	0	10	5.0	3.0	tr pitted scab	tr SED
MSN170-A	459	500	92	3	83	9	5	1.080	1.0	0	0	0	0	10	4.5	1.0	gc, knobs, points, oblong, not uniform type, tr surface scab	
NY139	451	472	96	3	96	0	1	1.079	1.0	0	0	0	0	10	5.0	4.0	surface scab, gc in pickouts	
MSJ147-1	425	457	93	7	90	3	0	1.091	1.0	4	0	0	0	10	3.5	4.0	sl surface scab, bright and smooth appearance	
Pike	382	399	96	4	91	5	0	1.086	1.0	0	0	0	0	10	4.0	3.0	tr surface scab, good size profile	
MSJ126-9Y	359	416	86	14	86	0	0	1.077	1.0	0	3	0	0	10	4.0	2.0	small uniform type, no scab	tr SED
CO95051-7W	353	400	88	11	88	0	1	1.078	1.0	0	0	0	0	10	4.5	4.0	tr surface and pitted scab	sl SED
MSL007-B	343	409	84	16	84	0	0	1.078	1.0	0	0	0	0	10	3.5	3.0	misshapen pickouts, uniform type, heavy netting, tr pitted scab	tr SED
MSP459-5	167	315	53	47	53	0	0	1.077	1.0	0	1	0	0	10	5.0	1.0	tr surface scab	
MEAN	460	505	90					1.082										

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 - <u>Snack Food Association Scale</u>	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: 29-Jun-09	Date Taken: 19-Aug-09	Vines Killed:	24-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:	111
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