

# 2011 Processing Potato Variety Trial County Line Farms, Allegan County, MI

Harvest 25-Oct-11 139 Days  
DD, Base 40<sup>6</sup> 3129

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					
MSL007-B <sup>1</sup>	628	686	91	6	86	5	3	1.075	1.0	0	2	2	0	10	3.0	3.5	oblong tubers in pickouts, no scab	clean
MSQ279-1	447	467	96	1	83	13	3	1.079	1.5	0	1	0	0	10	3.5	2.5	sheep nose in pickouts, moderate scab	severe SED in 2 chips. tr color in chips
MSH228-6	444	480	93	5	87	6	2	1.085	1.0	6	3	0	2	10	4.5	3.5	severe pinkeye, knobs in pickouts, moderate scab	tr SED
MSQ086-3	425	440	96	4	91	5	0	1.068	1.0	0	2	0	0	10	3.5	3.5	nice type, sl scab	clean
W4980-1	414	450	92	7	92	0	1	1.076	1.0	0	3	0	0	10	4.5	3.0	nice uniform type, sl scab	severe SED in 14 chips
NY140 <sup>2</sup>	377	409	92	3	92	0	5	1.066	1.0	0	2	0	0	10	3.5	3.5	pear shaped, oblong tubers and sheep nose in pickouts, tr scab	sl SED
A01143-3C	367	403	91	3	80	11	6	1.078	1.0	0	3	3	1	10	4.5	4.0	tr surface scab, pitted scab	6 chips with internal color
<b>Snowden</b>	<b>352</b>	<b>392</b>	<b>90</b>	<b>8</b>	<b>90</b>	<b>0</b>	<b>2</b>	<b>1.075</b>	<b>1.0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>10</b>	<b>4.0</b>	<b>3.5</b>	<b>oblong tubers in pickouts, pitted scab</b>	<b>clean</b>
MSS165-2Y	272	352	77	19	77	0	4	1.078	1.5	0	1	0	0	10	4.0	3.0	knobs in pickouts, bright appearance, no scab	tr SED, 4 chips with sl color
NYE106-4 <sup>2</sup>	257	287	89	10	83	6	1	1.080	1.0	0	0	0	0	10	3.5	3.5	no scab	clean
MSR169-8Y	256	274	93	6	93	0	1	1.077	1.0	1	0	0	0	10	3.5	3.0	no scab	2 chips with internal color
MSQ089-1	252	280	90	10	88	2	0	1.072	1.5	0	0	0	0	10	4.5	3.0	bright flesh, pitted scab	sl SED, 2 chips with color
MSL292-A <sup>2</sup>	251	291	86	13	86	0	1	1.085	1.0	0	2	0	0	10	3.0	2.5	tr gc in pickouts, tr scab	clean
MSL007-B <sup>2</sup>	235	277	85	9	83	2	6	1.072	1.0	0	0	0	0	10	2.0	3.5	oblong tubers and points in pickouts, tr scab	severe SED in 10 chips
Lamoka <sup>1,2</sup>	211	232	90	6	79	11	4	1.076	1.0	0	2	0	0	10	4.0	3.5	points in pickouts, moderate scab	tr SED
MSR157-1Y <sup>2</sup>	174	205	85	6	85	0	9	1.069	1.0	0	4	0	0	10	2.5	3.0	gc in pickouts, moderate scab	tr SED
MSR036-5 <sup>2</sup>	127	171	74	25	74	0	1	1.068	1.0	0	0	0	0	10	3.5	3.5	pitted scab	2 chips with internal color
MSR159-2 <sup>2</sup>	121	181	67	10	67	0	23	1.077	1.0	0	2	0	0	10	2.5	3.0	misshapen tubers in pickouts, tr scab	clean, small tubers
<b>MEAN</b>	<b>312</b>	<b>349</b>	<b>88</b>					<b>1.075</b>										

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 (Out of the field)	<sup>4</sup> VINE VIGOR RATING Date Taken: 11-Jul-11	<sup>5</sup> VINE MATURITY RATING Date Taken: 12-Sep-11	Planted: 08-Jun-11
Bs: < 1 7/8"	HH: Hollow Heart	Ratings: 1 - 5	Ratings: 1 - 5	Ratings: 1 - 5	Vines Killed: 3-Oct-11
As: 1 7/8" - 3.25"	VD: Vascular Discoloration	1: Excellent	1: Slow Emergence	1: Early (vines completely dead)	Days from Planting to Vine Kill: 117
OV: > 3.25"	IBS: Internal Brown Spot	5: Poor	5: Early Emergence (vigorous vine, some flowering)	5: Late (vigorous vine, some flowering)	Seed Spacing: 10"
PO: Pickouts	BC: Brown Center				No Fumigation
					1 = Data From 8 Row Block Planting 2 = Plot Located in Poor Yielding Area of Field
					<sup>6</sup> MAWN STATION: Hastings Planting to Vine Kill