

**2010 Processing Potato Variety Trial
Overall Average - Eight Locations
Allegan, Branch, Mecosta, Montcalm, St. Joseph Counties**

NUMBER OF LOCATIONS	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	4-YR AVG US#1 CWT/A
		US#1	TOTAL	US#1	Bs	As	OV	PO			HH	VD	IBS	BC						
2	W2133-1	496	551	90	8	87	3	2	1.089	2.0	0	5	0	1	20	3.8	3.5	tr pitted scab	severe SED	490***
8	W5015-12	459	531	86	12	81	5	2	1.081	1.3	15	17	7	0	100	2.9	3.3	pitted and surface scab	sl SED	473**
2	A01143-3C	445	547	83	8	83	0	9	1.079	1.3	0	0	3	0	20	3.0	3.8		tr SED	335**
4	FL1879	444	458	97	2	89	8	1	1.075	1.8	14	3	0	0	40	2.9	2.6	sl surface scab	tr VD	464
1	NY138	444	471	94	6	82	12	0	1.071	1.0	1	5	0	0	30	3.0	3.0			444*
2	AF2291-10	444	507	88	8	76	12	4	1.083	1.3	4	11	0	0	40	2.3	3.0	not uniform type, tr points	sl SED, some HH	444*
1	Atlantic	443	472	94	6	82	12	0	1.082	1.5	8	3	2	0	30	3.0	3.5	surface and pitted scab	SED, VD	443*
6	Snowden	433	472	89	10	83	6	1	1.077	1.3	11	21	0	0	80	3.1	3.1	pitted scab	tr of severe SED	420
2	A00188-3C	432	518	82	16	82	0	2	1.082	1.3	0	7	0	0	20	3.3	2.5	small uniform tuber type	sl SED	330**
5	MSP515-2	414	439	95	5	83	12	0	1.072	1.3	2	6	2	0	50	2.6	3.8	sl surface and pitted scab	severe VD	414*
8	MSL292-A	408	453	90	10	85	5	0	1.076	1.1	2	15	1	0	100	3.3	2.4	pitted and surface scab, uniform type	tr SED	424***
5	MSL007-B	392	425	91	9	88	3	0	1.074	1.1	2	6	1	0	50	2.0	2.8	small overall size, heavy dark net, sl pitted and surface scab	tr VD	351***
3	W2978-3	391	446	87	11	83	4	2	1.071	1.3	1	7	0	0	50	2.7	2.2	surface and pitted scab	SED	391*
5	MSH228-6	384	405	94	5	86	8	1	1.076	1.3	1	12	0	1	50	3.3	2.9	surface scab	SED	357
8	NY139	378	407	93	6	87	6	1	1.079	1.1	1	13	0	0	100	2.9	2.6	sl surface scab, pointed pickouts	tr SED	412***
1	CO97065-7W	344	377	91	8	81	10	1	1.070	1.0	9	1	0	1	30	3.5	1.5	surface and pitted scab		336**
8	W2310-3	341	407	84	11	82	2	5	1.080	1.3	2	7	1	2	100	3.2	2.9	misshapen tubers in pickouts, surface and pitted scab	tr SED	299**

NUMBER OF LOCATIONS	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	4-YR AVG US#1 CWT/A
		US#1	TOTAL	US#1	Bs	As	OV	PO			HH	VD	IBS	BC						
4	MSQ035-3	329	370	85	9	81	4	6	1.063	1.6	0	3	0	0	40	2.5	2.4	gc in pickouts, sl surface and pitted scab SED		329*
2	CO00188-4W	317	425	71	29	71	0	0	1.076	1.0	0	2	0	0	20	3.3	2.3	small uniform tuber type		335**
5	Pike	317	356	89	9	83	6	2	1.078	1.0	4	8	1	0	50	3.1	2.3	heat necrosis in two tubers	tr heat necrosis	357
6	MSQ279-1	316	351	90	5	81	9	5	1.070	1.5	2	1	8	0	60	2.8	3.5	tr surface scab, gc and misshapen pickouts	SED	385**
2	CO00197-3W	298	381	71	26	71	0	3	1.072	1.0	1	3	0	0	20	3.0	3.5	small tuber yield	tr SED, VD	373**
1	MSJ126-9Y	285	336	84	16	81	3	0	1.065	1.0	0	3	0	0	30	2.5	2.5	uniform type		334
6	W2717-5	279	342	82	13	80	2	6	1.082	1.0	8	20	1	2	80	3.4	2.8	pitted scab, gc in pickouts, severe VD	SED	273**
7	MSQ070-1	278	334	82	13	81	1	5	1.080	1.2	8	10	8	2	70	2.4	3.7	sl surface scab, nice round tuber type, tr sticky stolons	sl SED	354**
5	MSR102-3	273	302	90	6	81	9	4	1.073	2.0	0	7	1	0	50	2.5	4.2	sicky stolen, surface scab	SED	273*
5	MSR061-1	271	314	85	14	85	0	1	1.076	1.5	3	1	2	1	50	2.6	2.6	misshapen pickouts, nice netted type, tr pitted scab	sl SED	275**
1	CO97043-14W	265	305	87	13	80	7	0	1.065	1.0	0	7	0	0	30	3.0	3.0	surface and pitted scab		301**
5	MSP459-5	264	334	77	23	77	0	0	1.079	1.3	3	10	0	0	50	3.1	2.3	small size profile, tr surface scab	SED, VD	288**
1	MSP270-1	252	304	83	17	80	3	0	1.074	1.0	0	1	1	0	10	1.0	3.5	netted skin, uniform type		252*
2	CO95051-7W	174	276	61	30	61	0	9	1.074	1.0	1	2	1	0	20	2.3	3.5	growth cracks, small tuber size	SED	271
MEAN		355	407	86					1.076									tr = trace, sl = slight, N/A = not applicable		

SED = stem end defect, gc = growth crack

¹SIZE

Bs: < 1 7/8"
As: 1 7/8" - 3.25"
OV: > 3.25"
PO: Pickouts

²TUBER QUALITY (number of tubers per total cut)

HH: Hollow Heart
VD: Vascular Discoloration
IBS: Internal Brown Spot
BC: Brown Center

³CHIP COLOR SCORE - Snack Food Association Scale

(Out of the field)
Ratings: 1 - 5
1: Excellent
5: Poor

⁴VINE VIGOR RATING

Date Taken: N/A
Ratings: 1 - 5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

⁵VINE MATURITY RATING

Date Taken: N/A
Ratings: 1 - 5
1: Early (vines completely dead)
5: Late (vigorous vine, some flowering)

*One-Year Average

**Two-Year Average

***Three-Year Average