

2011 Processing Potato Variety Trial Overall Average - Nine Locations Allegan, 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
		US#1	TOTAL	US#1	Bs	As	OV	PO			HH	VD	IBS	BC				
2	FL1879	640	679	95	3	77	17	2	1.072	1.5	9	4	0	0	20	3.3	3.0	sl pinkeye, tr black leg, pitted scab
4	MSQ086-3	552	626	88	11	86	3	1	1.070	1.0	1	2	0	0	40	2.8	3.5	sl scab, gc and misshapen tubers in pickouts, bright appearance
5	NY140	520	564	92	6	86	6	2	1.075	1.1	6	16	3	0	50	3.2	3.6	moderate pitted scab, misshapen tubers in pickouts
5	MSS165-2Y	488	567	85	12	81	5	3	1.085	1.2	3	8	1	0	50	3.1	3.4	tr scab, heavy netted skin, knobs and misshapen tubers in pickouts, yellow flesh
5	NYE106-4	487	545	89	10	86	3	1	1.085	1.1	0	3	4	0	50	3.1	4.0	tr surface scab, heavy set, bright netted skin
5	Snowden	453	506	89	10	85	4	1	1.079	1.0	9	12	4	1	80	3.5	3.5	tr pitted scab, misshapen tubers in pickouts
7	MSQ089-1	439	487	90	10	88	2	0	1.069	1.3	0	20	7	2	70	3.6	3.0	sl scab, misshapen tubers in pickouts, nice round type
6	AF2291-10	438	501	87	9	85	2	4	1.080	1.3	4	18	2	2	60	3.1	2.9	heat sprouts gc and misshapen tubers in pickouts, tr scab, tr pinkeye
8	Lamoka	433	467	92	7	87	5	1	1.080	1.0	0	18	4	0	110	3.5	3.0	heat sprouts and points in pickouts, tr surface scab
9	MSL007-B	430	493	87	12	83	4	1	1.075	1.0	1	7	3	1	120	2.5	3.1	heavy netted skin, uniform round tubers, tr scab, oblong tubers in pickouts
6	MSL292-A	427	469	91	9	86	4	1	1.074	1.0	0	14	3	1	90	3.1	2.6	slight pitted scab, misshapen tubers in pickouts
5	W4980-1	424	472	90	9	87	3	1	1.074	1.1	1	13	19	0	50	3.8	2.8	slight pitted scab, gc and misshapen tubers in pickouts, slight pinkeye
2	W5015-12	400	493	81	19	79	2	0	1.081	1.0	2	6	1	0	20	4.0	3.5	pitted scab, small tuber type
5	A01143-3C	396	486	81	9	79	3	10	1.078	1.1	0	7	6	1	80	3.7	4.5	heat sprouts knobs gc and misshapen tubers in pickouts, tr surface scab, pitted scab, pinkeye,
6	MSH228-6	393	429	89	9	79	9	2	1.073	1.2	20	14	1	5	90	3.5	3.2	oblong flat tubers, severe pinkeye, misshapen tubers and gc in pickouts
5	MSQ279-1	387	414	93	5	80	13	2	1.071	1.5	3	3	5	0	50	3.2	3.5	sl pinkeye, sl surface scab, sheep nose and gc in pickouts
4	W2978-3	386	465	83	17	83	0	1	1.068	1.3	1	8	0	0	40	3.5	1.7	moderate scab, misshapen tubers in pickouts

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		US#1	TOTAL	US#1	Bs	As	OV	PO			HH	VD	IBS	BC				
6	MSR157-1Y	351	400	86	11	86	1	3	1.075	1.2	1	20	0	1	60	2.5	2.7	yellow flesh, tr surface scab, gc and pear shaped pickouts
6	MSR159-2	347	409	82	13	78	3	5	1.083	1.2	12	10	5	0	60	2.7	3.6	tr scab, misshapen tubers in pickouts
4	Pike	327	370	88	11	84	4	1	1.074	1.0	0	7	3	1	40	2.5	2.3	tr scab, misshapen tubers in pickouts
5	MSQ070-1	310	412	75	19	75	0	5	1.083	1.0	3	6	3	1	80	2.7	4.1	sl surface scab, misshapen tuber and heat sprouts in pickouts
6	MSR169-8Y	299	361	82	17	81	1	2	1.076	1.1	1	6	0	0	60	2.6	3.2	tr surface scab, light yellow flesh, misshapen tubers in pickouts
4	CO00188-4W	297	398	71	28	71	0	1	1.071	1.0	0	3	0	0	40	4.0	1.2	small round tubers, sl scab, misshapen tubers in pickouts
4	MSR061-1	286	356	79	20	79	0	1	1.075	1.3	1	15	0	0	70	3.1	2.3	heavy netted skin, sl pitted scab
4	MSR036-5	244	304	80	16	74	5	5	1.075	1.3	2	10	1	0	40	3.3	3.2	slight surface scab, misshapen tubers in pickouts, slight pinkeye
MEAN		406	467	86					1.076									tr = trace, sl = slight, N/A = not applicable, SED=stem end defect, gc=growth crack

<u>¹SIZE</u>	<u>²TUBER QUALITY (number of tubers per total cut)</u>	<u>³CHIP COLOR SCORE - Snack Food Association Scale</u>	<u>⁴VINE VIGOR RATING</u>	<u>⁵VINE MATURITY RATING</u>
Bs: < 1 7/8"	HH: Hollow Heart	(Out of the field)	Date Taken: N/A	Date Taken: N/A
As: 1 7/8" - 3.25"	VD: Vascular Discoloration	Ratings: 1 - 5	Ratings: 1 - 5	Ratings: 1 - 5
OV: > 3.25"	IBS: Internal Brown Spot	1: Excellent	1: Slow Emergence	1: Early (vines completely dead)
PO: Pickouts	BC: Brown Center	5: Poor	5: Early Emergence (vigorous vine, some flowering)	5: Late (vigorous vine, some flowering)