

2009 Processing Potato Variety Trial Overall Average - Eight Locations Allegan, Mecosta, Monroe, 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	3-YR AVG US#1 CWT/A
		US#1	TOTAL	US#1	Bs	As	OV	PO			HH	VD	IBS	BC					
1	FL2053	679	722	94	4	91	3	2	1.088	1.0	0	0	0	0	30	2.5	3.7	tr pitted scab, oblong	445
1	FL1867	600	635	94	5	93	1	1	1.079	1.0	0	0	0	0	30	2.5	2.7	tr pitted scab, sheepnose in pickouts	514**
4	MSM037-3	580	614	95	3	78	17	2	1.070	1.3	4	1	0	1	60	3.6	3.8	large uniform blocky tubers, misshapen pickouts, gc & misshapen pickouts,	580*
2	W2133-1	567	648	89	9	79	10	2	1.081	1.0	0	2	1	0	30	3.6	4.2	gc & misshapen pickouts, sl pitted scab	488**
2	W2324-1	552	589	93	6	83	10	1	1.089	1.0	4	2	0	2	20	3.8	3.3	large size, tr pitted scab, misshapen pickouts	575
3	FL1879	548	566	97	2	79	18	1	1.074	1.2	1	1	6	1	50	3.2	3.1	tr surface & pitted scab, large tuber size, misshapen in pickouts	471
1	FL1922	519	549	94	5	94	0	1	1.072	1.0	0	2	1	0	30	1.8	3.8	oblong tuber type, gc in pickouts, pear shape	519*
7	W5015-12	487	558	85	14	75	10	1	1.085	1.0	8	6	3	0	90	3.3	4.0	heavy russet skin, gc & misshapen pickouts, tr pitted & surface scab	487*
5	Snowden	475	513	91	9	86	4	1	1.082	1.1	4	11	0	0	70	3.3	3.5	sl pitted & surface scab, misshapen pickouts	416
5	MSQ279-1	453	490	91	6	72	19	3	1.077	1.4	2	3	0	0	70	3.4	4.6	gc & sheepnose in pickouts, tr surface scab	453*
2	CO00197-3W	449	529	82	14	82	0	4	1.077	1.0	0	4	0	0	40	2.3	3.5	gc & misshapen in pickouts, sl pitted scab, 1 pythium leak	449*
7	NY139	440	462	95	5	89	6	0	1.080	1.0	0	8	0	0	90	3.5	3.1	tr surface scab, some pear shape, gc in pickouts	429**
8	MSQ070-1	429	495	86	13	83	3	1	1.090	1.1	19	4	4	2	100	2.9	4.2	round uniform tuber type, tr surface & pitted scab, misshapen pickouts	429*
7	MSL292-A	429	465	91	9	85	6	0	1.077	1.1	1	6	5	2	90	3.7	3.0	round uniform type, some netting, sl pitted scab	433**
5	MSL007-B	410	461	87	13	85	2	0	1.080	1.1	0	3	0	0	70	2.6	3.6	nice uniform type, misshapen pickouts, some netting & russetting	330**

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		US#1	TOTAL	US#1	Bs	As	OV	PO			HH	VD	IBS	BC					
4	Pike	409	440	93	4	82	11	3	1.082	1.0	4	2	2	0	60	3.2	3.3	gc & misshapen pickouts, 3 with heat necrosis	370
1	Monticello	409	433	94	6	88	6	0	1.073	1.0	3	1	0	0	10	1.5	2.0	tr surface and pitted scab	384**
5	MSH228-6	407	431	94	5	85	9	1	1.079	1.0	1	6	1	0	70	3.5	4.4	flat, oval tuber type, tr surface scab,	348
2	FL2137	393	410	95	5	84	11	0	1.083	1.0	0	2	0	0	20	2.0	2.5	nice uniform type, tr surface scab	456**
5	MSN170-A	388	426	91	4	78	13	5	1.077	1.1	1	0	0	0	70	3.0	2.7	gc, misshapen, knobs & points in pickouts, oval to oblong type	388*
2	CO00188-4W	354	434	70	30	70	0	0	1.081	1.0	0	0	2	0	40	2.8	2.2	small bright appearance, tr black leg, tr surface scab	354*
4	MSJ147-1	346	432	79	16	78	1	2	1.090	1.1	12	0	0	0	60	2.3	4.3	small, round uniform type, tr surface scab	307
5	MSJ126-9Y	333	372	88	9	86	2	3	1.076	1.2	0	6	1	0	70	2.6	2.4	nice round uniform type, gc & misshapen pickouts	350
4	CO95051-7W	331	370	90	9	90	0	1	1.081	1.0	0	1	3	1	60	3.2	4.1	sl surface & pitted scab, small round size	303
2	CO00270-7W	325	375	86	12	85	1	2	1.074	1.0	0	2	0	0	40	2.1	2.6	tr pitted scab, misshapen pickouts, small size	325*
5	MSP459-5	311	379	80	19	77	3	1	1.075	1.1	6	2	0	0	70	3.6	2.0	misshapen & deep apical eyes in pickouts, 3 pythium	311*
3	MSR061-1	279	334	82	18	81	1	0	1.079	1.0	2	3	0	0	30	3.2	2.5	nice small round uniform type, some netting	279*
1	AO0188-3C	228	302	76	24	74	2	0	1.082	1.0	2	1	0	5	10	2.5	3.5		228*
1	AO1143-3C	225	297	76	21	74	2	3	1.078	1.0	0	0	0	0	10	2.0	4.5	misshapen in pickouts	225*

MEAN 426 473 88

1.080

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