

2011 Processing Potato Variety Trial
Main Farms, Montcalm County, MI
 Harvest 6-Sep-11 124 Days
 DD, Base 40⁶ 2995

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
Snowden	459	505	91	7	89	2	2	1.070	1.0	0	2	0	0	10	2.5	N/A	tr pitted scab, nice type	
MSH228-6	431	451	96	4	89	7	0	1.073	1.0	0	3	0	0	10	2.0	N/A	oblong flat tubers, tr surface scab	1/3 with slight SED
MSS165-2Y	429	508	85	14	85	0	1	1.081	1.0	0	1	0	0	10	2.0	N/A	misshapen pickouts, uniform type, heavy netted skin	yellow flesh
NY140	406	447	91	9	90	1	0	1.071	1.5	0	2	0	0	10	2.5	N/A	pitted and surface scab, oblong type	70% with severe SED
NYE106-4	401	467	86	14	86	0	0	1.089	1.0	0	2	0	0	10	2.0	N/A	uniform small type, heavy set, tr common scab	25% SED
MSQ086-3	393	474	83	17	83	0	0	1.075	1.0	0	0	0	0	10	1.5	N/A	bright appearance, tr common scab	
A01143-3C	382	430	89	9	89	0	2	1.077	1.5	0	0	0	0	10	2.5	N/A	heat sprouts in pickouts	
W4980-1	381	420	91	8	91	0	1	1.067	1.0	0	2	6	0	10	2.5	N/A	sl pitted and surface scab, heavy netted skin	1 glassy end, 70% SED
AF2291-10	364	405	90	8	90	0	2	1.077	1.0	0	1	0	1	10	2.0	N/A	misshapen an points in pickouts, pitted and surface scab	IBS evident
MSQ279-1	363	389	93	6	92	1	1	1.066	2.0	0	0	0	0	10	2.0	N/A	oval to round tuber type, tr surface scab	
MSQ089-1	355	411	86	14	86	0	0	1.065	1.0	0	2	0	0	10	2.0	N/A	alligator hide, tr pitted scab	
Lamoka	349	383	91	7	91	0	2	1.077	1.0	0	3	0	0	10	2.0	N/A	tr surface scab, points in pickouts	tr of VD in chips
MSL007-B	345	402	86	14	86	0	0	1.071	1.0	0	2	0	1	10	2.0	N/A	heavy netted skin, tr surface scab	70% with SED
MSL292-A	328	366	90	10	87	3	0	1.071	1.0	0	3	0	0	10	2.0	N/A	pitted scab, nice tuber shape and type	clean
MSR159-2	319	398	80	20	80	0	0	1.087	1.5	0	1	1	0	10	2.0	N/A	uniform tuber type, small tuber size	50% SED
MSR036-5	300	345	87	11	87	0	2	1.079	1.0	0	0	0	0	10	2.0	N/A	misshapen pickouts, nice round tuber type	
MSQ070-1	284	308	92	8	92	0	0	1.078	1.0	0	1	1	1	10	2.0	N/A	tr common scab	
MSR169-8Y	277	339	82	17	82	0	1	1.068	1.0	0	1	0	0	10	2.0	N/A	tr surface scab	
Pike	269	321	84	14	82	2	2	1.073	1.0	0	2	0	0	10	1.5	N/A	tr common scab, misshapen and points in pickouts.	
MSR061-1	260	324	80	20	80	0	0	1.070	1.5	0	7	0	0	10	2.5	N/A	sl pitted scab, heavy netted skin	
MSR157-1Y	256	314	81	19	81	0	0	1.086	1.0	0	3	0	1	10	1.5	N/A	tr surface scab	
W2978-3	230	302	76	24	76	0	0	1.064	1.0	0	1	0	0	10	2.5	N/A	pitted surface scab, pythium leak	1 rotten tuber
CO00188-4W	197	297	66	33	66	0	1	1.066	1.0	0	1	0	0	10	3.0	N/A	misshapen picks, small tuber size, heavy set	

MEAN 345 396

1.074

tr = trace, sl = slight, N/A = not applicable
 SED = stem end defect, gc = growth crack

¹SIZE

²TUBER QUALITY (number of tubers per total cut)

³CHIP COLOR SCORE - Snack Food Association Scale

⁴VINE VIGOR RATING

⁵VINE MATURITY RATING

Planted:

5-May-11

Bs: < 1 7/8*

HH: Hollow Heart

(Out of the field)

Date Taken: 3-Jun-11

Date Taken: N/A

Vines Killed:

23-Aug-11

As: 1 7/8* - 3.25*

VD: Vascular Discoloration

Ratings: 1 - 5

Ratings: 1 - 5

Ratings: 1 - 5

Days from Planting to Vine Kill:

110

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