

2011 Processing Potato Variety Trial Lennard Ag. Company, St. Joseph County, MI

Harvest 10-Oct-11 152 Days

DD, Base 40⁶ 3838

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					
MSQ086-3	840	904	93	5	88	5	2	1.070	1.0	1	0	0	0	10	3.5	3.5	point and gc in pickouts, round flat tubers, sl scab	sl SED
NY140	674	711	95	2	79	16	3	1.077	1.0	4	6	3	0	10	4.0	4.0	bright skin, large size profile, sl pinkeye, sl scab	sl SED
MSR159-2	663	738	90	5	83	7	5	1.077	1.5	7	1	4	0	10	3.5	3.5	misshapen pickouts, sl pinkeye, tr scab	sl SED
FL1879	645	685	95	0	69	26	5	1.075	1.0	3	4	0	0	10	4.0	2.5	black leg in 5 tubers, pitted scab	sl SED
NYE106-4	631	667	95	3	87	8	2	1.085	1.0	0	0	3	0	10	4.5	4.0	bright netted skin, tr pinkeye, tr scab	tr SED
MSS165-2Y	561	623	90	3	85	5	7	1.083	1.5	3	4	0	0	10	4.0	3.5	knobs in pickouts, tr pinkeye, tr scab	SED
Lamoka	560	586	96	2	88	8	2	1.073	1.0	0	4	3	0	10	4.5	3.5	moderate surface scab	tr SED
MSL292-A	552	587	94	5	91	3	1	1.072	1.0	0	3	2	0	10	4.5	3.0	sl pitted scab	SED
Snowden	549	579	95	5	92	3	0	1.082	1.0	3	2	1	0	10	4.5	3.0	tr sticky stolons, tr scab	sl SED
MSQ089-1	545	576	95	5	91	4	0	1.059	1.5	0	7	7	0	10	4.5	2.5	nice round type, severe pinkeye, moderate scab	severe SED
A01143-3C	526	617	85	3	84	1	12	1.074	1.0	0	1	2	0	10	4.5	4.5	pinkeye, knobs gc and misshapen pickouts, tr scab	tr SED
W4980-1	448	512	88	7	81	7	5	1.066	1.0	0	5	10	0	10	5.0	2.5	misshapen pickouts, sl pinkeye, no scab	severe SED
AF2291-10	437	522	83	8	79	4	9	1.069	2.0	1	7	1	0	10	4.5	2.5	sl pinkeye, sl scab	tr severe SED
W2978-3	434	509	85	14	85	0	1	1.059	1.0	0	5	0	0	10	5.0	1.0	sl pinkeye, misshapen pickouts, moderate scab	SED
MSL007-B	424	451	94	3	76	18	3	1.072	1.0	0	0	0	0	10	3.0	3.0	pear shaped pickouts, dark heavy netted skin, no scab	severe SED
MSR157-1Y	415	458	90	3	88	2	7	1.063	1.0	0	6	0	0	10	3.5	3.0	yellow flesh, pear shaped pickouts, tr scab	tr SED
MSH228-6	387	421	92	2	70	22	6	1.062	1.5	4	1	1	2	10	4.0	2.5	severe pinkeye, black leg in plot, tr scab	severe SED
Pike	378	412	92	6	84	8	2	1.068	1.0	0	1	2	0	10	3.5	2.0	sl pinkeye, tr scab	tr SED
MSQ169-8Y	369	424	87	9	85	2	4	1.072	1.5	0	4	0	0	10	4.0	3.0	misshapen pickouts, yellow flesh, no scab	yellow hue in chips, sl SED
CO00188-4W	354	418	85	14	85	0	1	1.068	1.0	0	1	0	0	10	5.0	1.0	small tuber type, sl scab	clean
MSQ279-1	347	367	94	4	53	41	2	1.063	1.5	3	1	5	0	10	4.0	3.0	moderate pinkeye, large tuber type, sl scab	SED
MSR036-5	277	356	78	10	66	12	12	1.065	1.0	2	5	1	0	10	4.5	3.0	elongated pickouts, moderate pinkeye, sl scab	severe SED
MSR061-1	275	328	84	15	84	0	1	1.072	1.0	1	5	0	0	10	4.5	2.0	netted skin, moderate scab	tr SED
MSQ070-1	189	324	58	18	58	0	24	1.067	1.0	3	2	1	0	10	3.0	3.5	poor appearance, gc knobs and misshapen tubers in pickouts, moderate scab	sl SED
MEAN	478	532	89					1.071										

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

¹ SIZE	² TUBER QUALITY (number of tubers per total cut)	³ CHIP COLOR SCORE - Snack Food Association Scale	⁴ VINE VIGOR RATING	⁵ VINE MATURITY RATING	Planted:	11-May-11
Bs: < 1 7/8"	HH: Hollow Heart	(Out of the field)	Date Taken: 26-Aug-11	Date Taken: 17-Jun-11	Vines Killed:	17-Sep-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:	129
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: Constantine
Planting to Vine Kill