

2009 Processing Potato Variety Trial County Line Farms, Allegan County, MI

Harvest 16-Oct-09 143 Days
DD, Base 40⁶ 3052

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					
MSM037-3	539	564	95	4	76	19	1	1.070	2.0	1	1	0	1	10	3.5	3.5	misshapen pickouts, oblong tuber type, tr surface scab	10 chips with severe SED
MSH228-6	450	471	95	2	79	16	3	1.085	1.0	0	1	1	0	10	3.5	4.5	tr surface scab	
W5015-12	409	476	86	13	86	0	1	1.081	1.0	0	2	0	0	10	3.5	4.8	flat round tuber type, heavy netting, tr surface and pitted scab	
NY139	388	406	95	4	94	1	1	1.083	1.0	0	1	0	0	10	3.0	3.5	tr gc, some oblong tubers	
MSL007-B	379	421	90	10	90	0	0	1.088	1.5	0	0	0	0	10	2.5	4.0	tr surface scab	
MSL292-A	346	366	95	5	89	6	0	1.082	1.5	0	1	0	0	10	3.0	3.5	uniform tuber type, netted skin, tr surface scab	
Pike	345	366	94	4	76	18	2	1.085	1.0	1	0	0	0	10	3.0	3.5	3 with heat necrosis	
MSP459-5	319	350	91	7	90	1	2	1.078	1.5	0	1	0	0	10	3.5	2.0	misshapen pickouts	
FL1879	319	332	96	4	89	7	0	1.078	1.5	0	0	0	0	10	2.5	3.0	tr pitted scab	
MSN170-A	308	342	90	5	85	5	5	1.079	1.0	0	0	0	0	10	3.0	2.5	gc, misshapen, points, oval to oblong tuber type	
MSQ279-1	308	336	92	4	87	5	4	1.082	1.5	0	3	0	0	10	3.0	4.8	sheep nose and gc in pickouts	
Snowden	304	363	84	14	84	0	2	1.078	1.0	0	3	0	0	10	3.0	4.0	tr pitted scab	
MSJ126-9Y	300	314	95	5	95	0	0	1.080	1.5	0	2	0	0	10	2.5	3.0	nice round uniform type	
CO95051-7W	247	284	87	13	87	0	0	1.085	1.0	0	0	0	0	10	2.5	4.0	small round tuber type	
MSQ070-1	231	274	84	16	84	0	0	1.085	1.0	0	1	0	0	10	2.5	5.0	tr surface scab	
MSJ147-1	178	242	74	15	74	0	1	1.091	1.0	0	0	0	0	10	2.0	4.5	small uniform tuber type, tr surface scab	
MEAN	336	369	90					1.082										

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: 25-Jun-09	Date Taken: 28-Aug-09
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)

Planted: 26-May-09
Vines Killed: 14-Sep-09
Days from Planting to Vine Kill: 111
Seed Spacing: 10"
No Fumigation

⁶MAWN STATION: Grand Junction
Planting to Vine Kill