

2010 Processing Potato Variety Trial County Line Farms, Allegan County, MI

Harvest 11-Oct-10 138 Days
DD, Base 40⁶ 3440

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					
MSH228-6	382	401	95	4	93	2	1	1.067	1.5	0	1	0	0	10	4.0	1.0	sl pitted scab	severe SED
FL1879	331	346	96	4	92	4	0	1.068	1.0	0	1	0	0	10	3.5	1.0		
MSR102-3*	313	334	94	6	89	5	0	1.064	1.5	0	1	0	0	10	3.5	2.5	uniform tuber type	SED
MSR061-1*	310	342	91	7	91	0	2	1.064	1.0	0	0	1	0	10	3.5	1.0	nice uniform type, tr pitted scab	SED
MSL292-A	257	281	91	9	91	0	0	1.065	1.0	0	1	1	0	10	3.5	1.0	nice uniform type	SED
W2310-3	249	288	86	9	86	0	5	1.078	1.0	1	0	0	1	10	3.5	1.0		
MSQ070-1*	214	259	83	16	83	0	1	1.073	1.0	1	1	1	0	10	3.0	1.5	tr surface scab	SED
NY139*	208	219	95	5	84	11	0	1.068	1.0	0	1	0	0	10	3.0	1.0	tr surface scab, oblong tuber type	
MSQ035-3	207	236	88	7	81	7	5	1.067	1.0	0	0	0	0	10	3.0	1.0	sl gc and misshapen pickouts	SED
W5015-12	207	243	85	12	85	0	3	1.063	1.0	3	1	0	0	10	3.0	1.0	small tuber size, tr pitted scab	
MSQ279-1*	204	235	87	3	81	6	10	1.059	1.5	0	0	6	0	10	3.0	2.5	tr surface scab, gc and misshapen pickouts	SED
Pike	182	202	89	10	76	13	1	1.065	1.0	2	1	1	0	10	2.5	1.0		
MSL007-B*	178	191	94	4	86	8	2	1.064	1.0	0	0	1	0	10	2.0	1.0	uniform tuber type, heavy netted skin	severe SED
MSP515-2*	151	156	97	2	84	13	1	1.056	1.0	1	1	2	0	10	2.0	2.0	tr surface scab	severe SED
Snowden	135	171	79	21	79	0	0	1.060	1.0	0	2	0	0	10	3.0	1.0	small tuber size	
MSP459-5*	95	131	72	28	72	0	0	1.071	1.0	2	1	0	0	10	3.0	1.0	small tuber size	SED, VD
MEAN	226	252	89					1.066										

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
Bs: < 1 7/8"	HH: Hollow Heart	(Out of the field)	Date Taken: 28-Jun-10	Date Taken: 3-Sep-10
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-10
Vines Killed: 7-Sep-10
Days from Planting to Vine Kill: 104
Seed Spacing: 10"
No Fumigation

⁶MAWN STATION: Grand Junction
Planting to Vine Kill

* = all plots were in a wet area of the field