

Table 10. 2023 Michigan Statewide Tablestock Potato Variety Trials
Overall Averages - Nine Locations

LINE	CWT/A		PERCENT OF TOTAL ¹				RAW TUBER QUALITY ² (%)							COMMON SCAB RATING ⁴		VINE VIGOR ⁵	VINE MATURITY ⁶	YELLOW FLESH		RED SKIN				COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR ²	HH	VD	IBS	BC						WAXINESS ⁷	FLESH COLOR ⁸	WAXINESS ⁷	SKIN COLOR ⁹	UNIFORMITY ¹⁰	SILVER SCURF ¹¹	
YELLOW SKIN TYPE	ATX5325s-3W/Y ^a	1090	1226	89	8	88	1	3	1.071	0	0	70	0	0.0	4.0	3.5	1.5	2.0						buff skin, round to oval type
	Floridana ^{cef}	629	708	89	9	89	0	2	1.062	0	0	0	3	1.2	3.7	3.5	3.3	3.3						blocky round to oval type, slight rhizoctonia
	Colomba ^{abcdfgh}	599	655	91	7	88	3	2	1.055	0	6	1	0	0.4	3.9	2.6	3.8	3.2						long type, slight buff skin, deeper eyes
	Paroli ^{abcefh}	588	674	87	7	87	0	6	1.067	0	2	0	0	0.3	4.0	2.8	3.6	3.8						blocky type, pointed tubers, growth cracks, deeper eyes
	MSGG039-11Y ^{abcefi}	582	661	88	7	87	1	5	1.071	0	0	0	5	0.3	3.4	2.9	3.7	2.8						blocky round to oval type, light netted skin
	MSII344-02 ^c	573	656	87	12	87	0	1	1.067	0	0	0	0	1.0	2.5	3.5	4.0	3.0						flat oval to oblong type, slight rhizoctonia
	Alaska Bloom ^{acei}	546	639	84	15	84	0	1	1.052	0	8	5	0	0.0	4.0	3.1	2.9	1.0						pink eyes, flay blocky type, buff skin, round to oval type
	Melody ^{afi}	538	635	84	10	84	0	6	1.071	0	0	13	0	0.5	4.0	3.2	3.7	3.0						light buff skin, prominent lenticels
	Noya ^{abch}	529	631	85	10	85	0	5	1.074	0	0	0	10	0.6	3.2	3.5	3.5	1.0						bright appearance, oval to oblong type
	Constance ^{cdabfgh}	523	622	81	17	78	3	2	1.065	0	0	1	0	0.6	3.9	2.9	3.6	3.7						flat oblong type, nice appearance
	W13103-2Y ^{abcdfgh}	523	576	91	8	88	3	1	1.061	0	1	0	0	0.6	3.6	3.1	3.4	3.8						round to oval type, buff skin, nice appearance
	Jelly ^{abefgh}	513	587	86	10	83	3	4	1.071	0	3	1	0	0.4	3.5	3.6	3.1	4.1						flat oblong type, variable appearance
	Bonnata ^{ah}	508	627	82	10	82	0	8	1.070	0	10	10	0	0.3	4.0	2.8	3.0	2.2						flat round to oval type, lenticel scarring
	Montana ^{abcdfgh}	503	657	73	24	73	1	2	1.058	0	1	0	1	0.7	3.5	3.0	4.0	4.8						oval to oblong type, light buff skin, greening
	W15240-2Y ^{abcdfgh}	498	616	80	18	80	0	2	1.062	0	1	1	0	0.5	3.4	2.9	3.6	3.1						small round type, bright appearance, slight greening
	Golden Globe ^{abcdfgh}	492	558	88	11	88	0	1	1.062	0	4	0	0	0.1	4.1	2.8	3.5	3.1						flat round to oval type, trace netted skin
	COTX10118-4Wpe/Y ^{abef}	492	695	69	24	69	0	7	1.059	0	3	0	0	0.4	3.1	3.3	2.6	3.4						purple splashes around eyes, poor variable appearance
	WAF14096-5 ^{bcdfgh}	490	555	88	12	86	2	0	1.072	0	1	0	0	0.7	3.5	3.5	2.8	3.4						pink eyes, uniform blocky round type
	PSS09/118/6 ^{abcefi}	475	654	71	23	71	0	6	1.055	0	0	0	4	0.4	3.4	3.1	3.7	3.4						flat oval to oblong type, slight alligator hide
	Sensation ^{bdfh}	462	548	84	13	84	0	3	1.061	0	2	0	0	1.1	3.1	3.0	3.8	3.1						flat oval type, heavy netted skin, points
	MSGG039-08Y ^{abcefi}	455	642	69	26	69	0	5	1.068	0	0	0	0	1.3	3.5	3.1	3.2	2.8						variable flat oval type, buff skin
	Camelia ^{abcdcefh}	454	541	84	13	83	0	4	1.060	0	3	0	0	0.8	3.4	3.1	3.5	4.1						flat oval type, rougher skin
	Tessa ^{abcdfgh}	450	539	83	14	83	0	3	1.074	0	3	0	1	1.0	3.8	3.3	3.1	3.1						oval to oblong type, medium netted skin, tubular
	Bonafide ^{abce}	447	487	91	7	91	0	2	1.066	0	5	0	0	0.5	3.6	3.0	2.9	3.0						blocky round type, netted skin, deeper eyes
	NDAF1710Y-1 ⁱ	418	470	89	10	89	0	1	1.090	10	0	0	0	0.0	4.0	4.0	4.0	3.0						bright appearance, flat oval type, buff skin
	Christel ^{abcdfgh}	417	576	72	25	71	1	3	1.058	5	10	10	0	0.1	3.6	3.0	3.9	4.2						flat round to oval type, nice appearance
	AF6566-1 ⁱ	410	441	93	7	93	0	0	1.097	0	0	0	0	0.5	4.0	3.5	3.0	3.0						flat oval type, buff skin
	Queen Anne ^{abcefi}	394	570	69	27	69	0	4	1.062	0	0	0	0	0.8	3.3	3.1	3.8	4.1						oval to long type, bright smooth skin
	CMK2009-630-00 ^{ef}	390	508	77	19	77	0	4	1.085	40	0	0	0	0.8	4.8	3.0	3.0	3.0						buff skin, acceptable appearance
	IPB8343-8W/Y ^{ch}	383	477	80	17	79	1	3	1.073	0	0	0	3	0.4	3.8	2.9	3.6	3.7						deeper eyes, variable type, trace points
	Bernice ^{bdfh}	383	477	79	18	79	0	3	1.065	0	3	0	0	0.6	3.5	2.5	3.3	3.4						heavy buff skin, oval type, slight growth crack
	NDTX081451CB-1Y/Y ^{abcefh}	382	609	58	40	58	0	2	1.086	2	0	0	2	0.9	3.8	3.0	3.2	2.9						buff skin, oval to oblong type, scab
	AF6889-4 ^{efh}	380	432	88	9	88	0	3	1.080	33	0	20	4	0.3	4.2	3.8	3.6	3.1						variable type, prominent pink eyes, blocky round type
	AF6868-6 ^{efh}	374	421	89	10	89	0	1	1.086	8	0	0	0	0.8	4.2	3.3	3.3	3.0						heat sprouts, pink eyes, trace points
	W15248-17Y ^{abcdfgh}	372	442	83	16	82	1	1	1.056	1	0	0	3	0.3	3.5	2.5	3.8	3.5						oblong type, buff skin, trace alligator hide
	IPB8343-5W/Y ^{abh}	362	518	70	28	70	0	2	1.068	0	1	0	0	0.9	3.3	2.7	3.2	3.4						small round type, recessed apical ends
	Vanilla ^{bdfh}	356	499	72	26	72	0	2	1.067	0	0	25	0	0.9	3.4	3.4	3.5	3.0						round type, flaky skin, nice appearance
	AF6888-15 ^h	355	395	88	11	88	0	1	1.086	0	0	0	0	0.0	4.0	3.0	3.5	2.7						blocky flat type, poor appearance
	Yukon Gold ^{abcefi}	348	390	88	10	87	1	2	1.072	19	7	3	5	0.8	3.5	2.7	3.0	2.9						blocky round type, buff skin
	AORTX09037-1W/Y ^{abcefh}	319	438	69	27	69	0	4	1.070	0	5	2	0	1.0	3.6	3.0	2.5	2.3						small variable oval type, growth cracks, netted skin
	Acoustic ^e	317	400	79	15	79	0	6	1.079	10	0	0	0	0.5	4.0	3.5	3.5	3.0						flat round to oval type, buff skin
	AORTX09037-5W/Y ⁱ	307	432	71	28	71	0	1	1.075	0	0	0	0	0.0	4.0	2.5	4.0	1.0						small flat round type, slight buff skin
	NYT61-3 ^c	306	372	82	9	82	0	9	1.074	10	0	0	0	0.0	1.5	4.0	4.0	4.0						pink eye, variable type
	IPB8343-2W/Y ^{ch}	293	405	71	27	71	0	2	1.062	0	0	10	0	0.5	4.2	2.9	3.3	3.9						small round type, deeper eyes
	Tyson ^{eh}	282	346	81	14	81	0	5	1.073	0	0	0	0	0.3	3.8	3.3	4.0	1.8						small uniform round type, points
	MSBB371-1YSP ^{lbe}	265	343	77	19	77	0	4	1.071	0	0	0	0	0.0	2.3	3.0	3.0	2.0						variable shape, purple splashed eyes
	IBP8343-3W/Y ^h	236	393	60	38	60	0	2	1.078	0	0	3	0	0.0	4.0	2.8	3.7	3.0						flat round type, buff skin
	Caledonia Pearl ^{acdfh}	234	465	51	46	51	0	3	1.064	0	0	2	0	0.2	4.2	2.8	3.1	2.1						flat round to oval type, uniform appearance
	Goldeye ^{eh}	223	462	48	48	48	0	4	1.063	0	0	0	0	0.6	3.8	2.4	3.3	3.6						variable type, buff skin
	Sound ^e	204	429	48	50	48	0	2	1.068	0	0	0	0	2.0	3.5	3.5	4.0	3.0						flat oblong to long type, netted skin, variable
	IPB8343-3W/Y ^{ac}	177	279	64	35	64	0	1	1.060	0	0	0	0	0.0	3.5	2.0	4.0	3.0						small oval type, nice appearance
	A08120-4Y ^{abcdfgh}	173	347	46	52	46	0	2	1.069	0	10	0	1	0.2	3.9	3.5	2.8	2.4						buff skin, pink blush eyes, round to oval
	TX17734-1Y/Yi	157	283	55	37	55	0	8	1.074	0	0	0	0	1.0	3.0	3.0	4.0	3.5						oblong to long type, poor shape and appearance
	Polaris Gold ^c	109	182	60	39	60	0	1	1.058	0	0	0	0	0.0	3.0	3.5	3.0	4.0						flat oval type, smaller tubers
	MEAN	413	522	77	20	77	0	3	1.069	3	2	3	1	0.5	3.6	3.1	3.4	3.1						

	LINE	CWT/A		PERCENT OF TOTAL ¹					RAW TUBER QUALITY ² (%)					COMMON SCAB RATING ⁴	VINE VIGOR ⁵	VINE MATURITY ⁶	YELLOW FLESH		RED SKIN				COMMENTS
		US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR ²	HH	VD	IBS	BC				WAXINESS ⁷	FLESH COLOR ⁸	WAXINESS ⁷	SKIN COLOR ⁹	UNIFORMITY ¹⁰	SILVER SCURF ¹¹	
RED SKIN TYPE	MSGG127-3R ^{acefh}	564	610	92	7	91	0	2	1.073	0	0	0	6	0.2	3.7	3.4		3.1	3.3	3.5	1.0	blocky round type, moderate skinning	
	NDAF113484B-1 ^h	525	582	90	4	90	0	6	1.063	0	0	0	0	0.3	4.5	2.5		4.0	4.0	4.5	1.0	blocky round type, slight skinning	
	AF6932-4 ⁱ	509	583	87	5	85	2	8	1.073	0	0	0	0	0.0	4.0	3.0		3.0	4.0	4.0	1.0	flat oval type, growth cracks	
	AF6963-8 ^h	502	536	94	4	93	1	2	1.075	0	0	0	0	0.0	4.0	3.2		3.5	2.2	3.7	1.0	poor skin color, growth cracks, blocky type	
	Becca Rose ^{abceth}	467	555	84	15	84	0	1	1.064	0	3	0	0	0.3	3.8	3.8		3.5	4.4	4.5	1.0	slight sticky stolons, skinning, nice skin color	
	AF6963-1 ^h	432	498	87	10	87	0	3	1.077	0	0	0	0	0.0	4.0	3.2		3.3	3.3	3.3	1.0	flat oval type, pointed tubers, slight skinning	
	AAF11546-3 ^{abceth}	416	531	77	19	76	0	5	1.064	0	0	0	0	0.4	3.6	3.0		3.4	3.8	3.7	1.5	pointed tubers, variable type, skinning	
	AF6938-4 ^h	397	451	87	6	87	0	7	1.065	0	7	0	0	0.0	4.0	3.2		3.2	3.0	3.7	1.0	round blocky type, poor appearance	
	Dark Red Norland ^{abcelfgh}	396	446	88	9	87	1	3	1.064	1	0	1	0	0.1	3.8	2.3		3.5	3.9	3.6	1.0	lighter red skin, variable type	
	AF6965-5 ^h	386	414	93	6	93	0	1	1.079	17	0	0	0	0.2	4.0	2.8		3.0	1.3	3.7	1.0	poor color and appearance, moderate skinning	
	MSGG135-1R ^{acefh}	379	550	68	31	68	0	1	1.071	2	0	0	0	0.1	3.4	3.5		3.1	2.6	3.6	1.2	compressed round type, light pink skin	
	W17005-3R ^{abcdfgh}	369	465	77	20	77	0	3	1.066	0	0	0	0	0.4	3.8	3.1		2.8	4.2	4.3	0.9	nice appearance, slight lenticels, round blocky type	
	W17026-4R ^{abcdfgh}	367	497	72	26	72	0	2	1.062	0	0	0	0	0.2	3.6	2.8		3.0	4.0	4.3	0.9	smaller round to oval type, variable skin	
	NDAF1727Y-1 ^h	363	408	89	5	89	0	6	1.068	27	0	0	3	0.0	4.0	3.2		3.2	3.7	3.7	1.0	round blocky type, slight skinning	
	BNC839-5 ^{efh}	332	403	83	15	83	0	2	1.070	0	0	0	0	0.2	4.7	3.1		3.9	4.4	4.3	1.9	flat oval type, severe skinning	
	BNC981-1 ⁱ	307	344	89	9	89	0	2	1.073	0	0	0	0	0.0	5.0	3.0		3.0	4.0	3.5	1.0	blocky round type, variable skin	
	BNC917-2 ^{aceh}	302	343	88	8	85	3	4	1.063	0	0	0	10	0.1	2.5	2.8		3.3	4.1	4.1	1.0	moderate skinning, round blocky type	
	W16025-5R ^{abcdfgh}	298	363	80	19	80	0	1	1.064	0	0	0	0	0.5	3.8	2.8		3.1	2.5	3.6	0.7	consistent type, rhizoctonia, light skin color	
	A11582-1R ^{abcfeih}	271	437	62	32	62	0	6	1.058	0	1	0	0	0.1	3.4	2.9		3.5	4.1	4.0	1.0	poor type and appearance, second growth, skinning	
	CO15113-1R ^{fi}	264	322	82	18	82	0	0	1.074	0	0	0	0	0.3	3.8	2.5		3.0	4.0	4.5	1.0	small round uniform type	
	NDA8512C-1R ^{acdfh}	254	335	75	14	75	0	11	1.064	1	0	0	0	0.1	3.5	2.8		3.4	4.1	4.2	1.5	smaller type, moderate growth crack, deep eyes	
	NDTX050169-1R ^{hi}	246	347	71	23	71	1	5	1.068	0	0	0	0	0.0	3.5	3.8		3.0	4.0	4.5	1.0	sticky stolons, small, nice appearance	
	MSCC553-1R ^{hi}	235	296	77	19	77	0	4	1.075	0	0	0	0	0.5	3.7	3.1		3.5	3.8	4.5	1.0	small uniform round type, moderate skinning	
	COTX15083-1R ⁱ	233	293	80	19	80	0	1	1.062	0	10	0	0	0.0	3.0	3.0		4.0	5.0	5.0	1.0	small blocky round type, consistent appearance	
	MSI432-01 ^c	225	314	72	24	72	0	4	1.059	0	0	0	0	0.0	2.0	3.0		4.0	4.0	5.0	1.0	variable type, moderate alligator hide	
	CO15084-4R ^h	196	317	61	38	61	0	1	1.075	0	0	0	0	0.0	4.0	3.2		3.8	4.3	4.7	1.0	round to oval type, attractive skin color	
	MEAN	355	432	81	16	81	0	4	1.068	2	1	0	1	0.2	3.7	3.0		3.4	3.7	4.1	1.1		
ROUND WHITE TYPE	Volare ^{abcdfgh}	644	706	91	7	86	5	2	1.058	1	3	3	0	0.4	3.9	2.8	3.7					flat oval type, misshapen tubers, nice	
	Sifra ^{abdfgh}	562	678	69	15	81	2	2	1.067	0	0	0	0	0.8	3.7	3.9	3.6					flat oval type, slight sticky stolons, lenticels	
	05.6556-1 ^{abthcd}	545	644	84	12	84	0	4	1.048	0	1	0	0	0.6	3.7	3.0	3.9					nice smooth bright skin, variable tuber shape	
	Allison ^{abcdfgh}	545	680	79	17	79	0	4	1.063	1	4	1	3	0.4	3.6	3.6	3.0					oblong type, netted skin	
	MSDD088-1 ^{abcfei}	540	600	89	8	89	0	3	1.070	0	3	0	2	0.2	3.5	3.3	3.0					Reba-type, blocky oval, netted skin	
	MSGG084-1 ^{abcfe}	484	535	90	7	89	1	3	1.061	6	0	0	10	0.3	3.3	3.0	2.7					flaky skin, deep eyes, growth crack	
	Reba ^{abcfeji}	438	461	95	3	94	1	2	1.066	14	0	0	2	0.4	3.5	2.9	3.1					deep apical eyes, large blocky oval type	
	NY178 ^{abcfei}	346	411	84	12	84	0	4	1.059	3	0	2	7	0.7	3.2	2.7	3.8					long flat type, netted skin, bright	
	MEAN	513	589	85	10	86	1	3	1.061	3	1	1	3	0.5	3.5	3.1	3.3						
NOVELTY TYPE	Blackberry ²	411	463	89	10	89	0	1	1.063	0	0	0	0	0.5	3.5	4.0						moderate skinning, white chimeral eyes	
	MSFF228-2RY ^{def}	335	473	67	23	67	0	10	1.071	0	0	0	3	0.0	3.5	3.5	3.8	3.3	3.8	4.0	1.0	pointed tubers, oblong to long type	
	MSGG158-11PP ^e	320	408	78	21	77	1	1	1.064	0	0	0	0	0.5	4.0	3.5						blocky type, moderate skinning	
	MSFF335-2RR ^f	285	340	84	14	83	1	2	1.057	0	0	0	0	0.5	2.5	4.5		4.0	5.0	5.0	1.0	slight skinning, variable type	
	MSFF305-1RY ^f	269	368	73	25	73	0	2	1.074	0	0	0	0	0.0	4.5	4.5		2.5	3.0	3.5	1.0	small blocky type, moderate skinning	
	MEAN	324	410	78	19	78	0	3	1.066	0	0	0	1	0.3	3.6	4.0	3.8	3.3	3.9	4.2	1.0		
TRIAL MEAN		401	497	79	18	79	0	3	1.068	2	1	2	1	0.4	3.6	3.1	3.4	3.1	3.3	3.7	4.1	1.1	

2023 Table Variety Trial Sites

²SIZE
Non-russet tablestock
²SPECIFIC GRAVITY
Data not replicated
³RAW TUBER QUALITY
(percent of tubers out of 10)
⁴COMMON SCAB RATING
0.0: Complete absence of surface or pitted lesions
1.0: Presence of surface lesions
2.0: Pitted lesions on tubers, though coverage is low
3.0: Pitted lesions common on tubers
4.0: Pitted lesions severe on tubers
5.0: More than 50% of tuber surface area covered in pitted lesions
⁵VINE VIGOR RATING
Date: Variable
Rating 1-5
1: Slow emergence
5: Early emergence
⁶VINE MATURITY RATING
Date: Variable
Rating 1-5
1: Early (vines completely dead)
5: Late (vigorous vines, some flowering)

¹4-L Farm
¹Horkey Farms
¹Jenkins Farms
¹Kitchen Farms, Mini Bulk Trial
¹Kitchen Farms, Strip Trial
¹Styma Potato Farms
¹Verbrigghe Farms
¹Walther Farms Replicated Trial
¹Walther Farms Strip Trial
⁷WAXINESS RATING
1: Heavy netting, buff
5: Waxy, smooth
⁸FLESH COLOR
1: White
yellow
⁹SKIN COLOR
1: Light pink
5: Dark red
¹⁰UNIFORMITY OF SKIN COLOR
1: Highly variable, non-uniform
5: Highly uniform, color throughout
¹¹SILVER SCURF
0: No incidence of silver scurf
5: High incidence of silver scurf