

2009 Freshpack Potato Variety Trial
Overall Averages - Ten Locations
Branch, Delta, Kalkaska, Monroe, Montcalm, Presque Isle, St. Joseph & Washtenaw Counties

NUMBER OF LOCATIONS	LINE	CWT/A		PERCENT OF TOTAL ¹					SP GR	TUBER QUALITY ²				TOTAL CUT	VINE VIGOR ³	VINE MATURITY ⁴	COMMENTS	3-YR AVG US#1 CWT/A
		US#1	TOTAL	US#1	Bs	As	OV	PO		HH	VD	IBS	BC					
1	TX296	632	757	83	12	49	34	5	1.058	11	4	0	1	40	4.0	3.0	alligator hide, misshapen and knobs in pickouts, sl pitted scab	514**
2	TX278	598	713	83	10	47	36	7	1.069	25	6	0	0	50	3.9	3.6	gc and misshapen in pickouts, tr pitted and surface scab, some alligator hide	598*
1	TX112	582	707	82	11	49	33	7	1.060	14	3	1	0	40	4.4	3.0	sl pitted scab, knobs in pickouts	473**
1	CO95086-8Rus	556	654	85	11	61	24	4	N/A	8	2	0	0	40	4.6	3.0	dark heavy russetting, nice type, gc and knobs in pickouts	417
6	CORN 8	480	568	80	12	64	16	8	1.072	20	7	0	0	90	4.2	2.6	nice tuber type, misshapen & knobs in pickouts,	388
1	Elfe	478	304	82	2	60	22	16	1.058	0	0	0	0	10	4.0	3.5		478*
6	Silverton Russet	459	541	84	11	59	26	5	1.072	6	7	0	0	90	4.1	3.5	gc, misshapen & knobs in pickouts, uniform oval tuber type	382
5	MSM171-A	452	484	94	3	76	18	3	1.058	8	6	3	0	50	3.5	1.8	some netting, gc & misshapen in pickouts, sl pitted scab	420
5	Reba	450	477	94	5	71	23	1	1.070	3	3	2	2	50	4.0	2.9	tr pitted & surface scab, misshapen pickouts	422
3	CO99256-2R	445	525	84	15	84	0	1	1.077	0	4	1	0	30	3.7	3.8	nice oval tuber type, bright smooth skin, tr surface scab, gc & knobs in pickouts	445*
2	AO2062-1TERus	444	559	79	15	62	17	6	1.076	0	3	0	0	20	3.3	3.3	nice size and type, heavy russet skinknobs in pickouts, no scab	444*
2	Katahdin	432	457	95	4	73	22	1	1.063	0	2	3	0	20	3.3	3.5	moderate scab, large tuber type	420
5	MSQ176-5	427	474	90	8	72	18	2	1.071	2	3	0	1	50	2.6	3.3	sl to moderate surface scab, bright skin, some netting, knobs in pickouts	427*
5	MSL268-D	425	633	74	23	70	4	3	1.079	2	4	1	0	50	3.8	2.7	nice tuber type, misshapen, knobs & gc in pickouts	382
5	MSM182-1	425	498	84	12	82	2	4	1.073	4	1	6	0	50	3.7	3.0	smooth skin, uniform round type, some moderate pitted & surface scab, knobs in pickouts	428**
3	W5767-1R	418	465	90	6	68	22	4	1.079	3	0	0	2	30	4.2	3.0	gc, misshapen & knobs in pickouts, tr surface scab	418*
2	CO99053-3Rus	409	557	72	21	51	21	7	1.077	3	7	0	0	50	3.9	4.2	good size profile, dark heavy russetting, gc, misshapen & knobs in pickouts	466**
1	Satina	387	463	83	4	73	10	13	1.065	0	0	0	1	10	5.0	3.5	significant tuber rot	387*
2	AO1025-4Rus	376	565	66	26	58	8	8	1.071	0	1	0	0	20	3.8	2.8	light russetting, moderate surface scab, not uniform type	376*

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		US#1	TOTAL	US#1	Bs	As	OV	PO		HH	VD	IBS	BC					
9	Russet Norkotah	367	486	76	18	61	15	6	1.071	15	7	3	0	120	4.1	2.0	uniform type, gc, knobs & misshapen in pickouts, some moderate pitted & surface scab	344
2	GoldRush	367	568	65	21	48	17	14	1.069	1	1	0	0	20	4.0	2.8	round tuber type, small size, gc & misshapen pickouts	407**
2	Red Norland	361	428	83	14	83	0	3	1.057	0	3	0	0	20	4.5	2.0	gc, knobs & misshapen in pickouts, light red skin color	361*
3	CO98012-5R	357	458	78	20	76	2	2	1.077	0	3	0	0	30	3.8	2.8	small tuber type, bright red smooth skin, thin skinned	318**
9	Classic Russet	348	448	78	11	59	19	11	1.073	10	17	6	1	120	3.6	3.3	nice flesh, misshapen & knobs in pickouts, nice size & tuber type	367
1	Milva	347	494	70	4	60	10	26	1.062	0	0	0	0	10	5.0	4.5	severe points	347*
2	CO99100-1Rus	346	464	73	20	60	13	7	1.073	8	4	0	0	50	4.8	1.8	sl pitted & surface scab, gc & misshapen pickouts	354**
5	MSN105-1	339	427	79	18	77	2	3	1.081	0	5	0	1	50	4.4	2.5	not uniform tuber type, small, misshapen & gc in pickouts	324
2	W7098-2Rus	327	489	66	27	43	23	8	1.065	0	0	0	0	20	3.5	2.8	gc & knobs in pickouts, not enough russeting	327*
2	CO99053-4Rus	316	456	69	26	60	9	5	1.074	10	0	2	5	50	4.4	2.1	dark heavy russeting, gc, misshapen points and knobs in pickouts, sl pitted scab	387**
2	ND5002-3R	313	355	88	10	81	7	2	1.078	0	9	0	0	20	3.3	3.8	gc, knobs and misshapen pickouts, bright red skin color, oval tuber type	217**
2	PA03NM5-1Rus	312	436	70	28	63	7	2	1.075	1	1	0	0	20	3.8	3.8	sl surface and pitted scab, misshapen pickouts	312*
8	Canela Russet	311	400	79	13	54	25	8	1.086	14	7	1	0	110	3.0	3.8	nice type, misshapen & knobs in pickouts, some alligator hide	330
5	MSQ086-3	306	379	80	19	78	2	1	1.076	0	3	1	2	50	3.6	3.7	tr surface scab	306*
1	Onaway	304	340	89	10	88	1	1	1.064	0	4	0	0	10	5.0	1.0	tr surface scab, misshapen pickouts	359
2	AC99375-1Rus	294	481	59	35	50	9	6	1.083	18	4	2	1	50	4.5	4.4	small size, misshapen pickouts	347**
1	AOTX95265-4Rus	248	355	70	26	70	0	4	1.074	0	0	0	0	10	4.5	2.0	misshapen pickouts, one glassy end	406
1	Eva	240	285	84	2	45	39	14	1.067	0	0	0	1	10	3.0	3.5	misshapen	255**
3	CO99076-6R	223	294	78	17	70	8	5	1.077	1	2	0	2	30	3.2	3.0	nice flesh and skin color, gc & knobs in pickouts	223*
MEAN		392	485						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 VINE VIGOR RATING	⁴ MATURITY RATING
Bs: < 1 7/8" or < 4 oz.	HH: Hollow Heart	Date Taken: N/A	Date Taken: N/A
As: 1 7/8" - 3.25" or 4 - 10 oz.	VD: Vascular Discoloration	Ratings: 1 - 5	Ratings: 1 - 5
OV: > 3.25" or > 10 oz.	IBS: Internal Brown Spot	1: Slow Emergence	1: Early (vines completely dead)
PO: Pickouts	BC: Brown Center	5: Early Emergence (vigorous vine, some flowering)	5: Late (vigorous vine, some flowering)

*One-Year Average
**Two-Year Average