

2009 Freshpack Potato Variety Trial Crawford Farms, Montcalm County, MI

Harvest 15-Oct-09 149 Days
DD, Base 40⁴ 2578

LINE	CWT/A		PERCENT OF TOTAL ¹					SP GR	TUBER QUALITY ²				TOTAL CUT	VINE VIGOR ³	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO		HH	VD	IBS	BC			
MSM171-A	518	566	92	2	70	22	7	1.063	6	0	3	0	10	4.0	misshapen tubers, gc and knobs in pickouts, moderate pitted scab
MSM182-1	497	515	96	1	93	4	2	1.075	4	0	0	0	10	4.0	misshapen pickouts, moderate pitted and surface scab
CORN8	493	571	86	5	61	25	9	1.073	2	3	0	0	10	4.5	VD is slight
MSQ176-5	485	539	90	7	74	16	3	1.075	2	0	0	1	10	3.0	moderate surface scab, tr pitted scab, gc and knobs in pickouts
CO99256-2R	479	562	85	11	84	1	3	1.074	0	2	0	0	10	4.0	gc and knobs in pickouts, tr surface scab
MSL268-D	474	531	89	5	86	3	6	1.085	2	1	0	0	10	4.5	gc and knobs in pickouts, tr surface scab
Classic Russet	455	545	84	10	75	8	6	1.079	0	2	0	0	10	4.5	knobs in pickouts, nice size profile and uniform tuber type
Red Norland	449	491	92	5	92	0	3	1.067	0	3	0	0	10	4.5	knobs and misshapen in pickouts, light red skin color
W5767-1R	434	473	92	3	61	30	6	1.075	3	0	0	2	10	5.0	knobs and misshapen in pickouts, tr surface scab
Reba	422	462	92	5	72	20	3	1.073	3	2	0	2	10	3.5	misshapen pickouts, tr surface scab
Silverton Russet	409	492	83	13	72	11	4	1.074	1	2	0	0	10	4.0	knobs in pickouts
MSN105-1	405	508	80	12	78	2	9	1.081	0	3	0	1	10	5.0	misshapen pickouts, VD is slight
Russet Norkotah	370	463	80	13	71	9	7	1.071	1	1	0	0	10	4.5	knobs and gc in pickouts
MSQ086-3	357	410	87	11	84	2	2	1.079	0	0	0	2	10	4.0	tr surface scab
CO98012-5R	320	428	75	25	75	0	1	1.073	0	3	0	0	10	4.5	small tuber type, nice skin color
Canela Russet	309	423	73	22	72	1	5	1.089	0	0	0	0	10	3.5	misshapen pickouts
CO99076-6R	281	407	69	19	64	5	12	1.073	1	2	0	2	10	4.0	gc and knobs in pickouts, nice skin color
MEAN	421	493	85					1.075							tr = trace, sl = slight, N/A = not applicable SED = stem end defect, gc = growth crack

¹SIZE
Bs: < 1 7/8" or < 4 oz.
As: 1 7/8" - 3.25" or 4 - 10 oz.
OV: > 3.25" or > 10 oz.
PO: Pickouts

²TUBER QUALITY (number of tubers per total cut)
HH: Hollow Heart
VD: Vascular Discoloration
IBS: Internal Brown Spot
BC: Brown Center

³VINE VIGOR RATING
Date Taken: 29-Jun-09
Ratings: 1 - 5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

Planted: 19-May-09
Vines Killed: 1-Sep-09
Days from Planting to Vine Kill: 105
Seed Spacing : 10" for round white and red varieties (except MSN105-1 planted @ 11") ; 11" for Russet varieties
No Fumigation
⁴MAWN STATION: Entrican