

# 2011 Freshpack Potato Variety Trial Horkey Brothers, Monroe County, MI

Harvest 21-Sep-11 139 Days  
DD, Base 40<sup>5</sup> 3659

LINE	CWT/A		PERCENT OF TOTAL <sup>1</sup>					SP GR	TUBER QUALITY <sup>2</sup>				TOTAL CUT	VINE VIGOR <sup>3</sup>	VINE MATURITY <sup>4</sup>	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO		HH	VD	IBS	BC				
MSQ176-5	453	522	87	10	73	14	3	1.057	0	4	0	1	10	3.5	3.0	gc and misshapen tubers in pickouts, netted skin type, round tubers, severe pitted scab
MSQ341-BY	429	490	87	13	82	5	0	1.059	0	7	4	3	10	2.5	2.5	severe rot and pinkeye, yellow flesh, pitted scab
MSM288-2Y	417	489	85	12	80	5	3	1.061	0	1	1	0	10	3.5	2.5	gc and misshapen in pickouts, sl scab
<b>Reba</b>	<b>413</b>	<b>425</b>	<b>97</b>	<b>3</b>	<b>65</b>	<b>32</b>	<b>0</b>	<b>1.072</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>3.0</b>	<b>3.0</b>	<b>large tuber type, tr scab</b>
<b>Onaway</b>	<b>404</b>	<b>477</b>	<b>85</b>	<b>9</b>	<b>81</b>	<b>4</b>	<b>6</b>	<b>1.052</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>4.5</b>	<b>3.5</b>	<b>misshapen tubers in pickouts, rot in plot, sheep nose, tr scab</b>
MSL211-3	380	438	86	13	84	2	1	1.059	0	0	0	0	10	4.0	3.0	oval oblong tubers, bright skin type, sl scab
MSQ440-2	297	328	91	9	84	7	0	1.047	0	6	0	0	10	3.5	1.5	round tuber type, bright appearance, sl scab
<b>NorWis</b>	<b>296</b>	<b>306</b>	<b>97</b>	<b>2</b>	<b>68</b>	<b>29</b>	<b>1</b>	<b>1.059</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>3.5</b>	<b>2.0</b>	<b>gc in pickouts, tr scab</b>
MSS544-1R	176	291	61	14	61	0	25	1.053	0	1	0	0	10	4.5	3.0	gc and misshapen tubers in pickouts, buff red skin, no scab
<b>MEAN</b>	<b>399</b>	<b>453</b>	<b>88</b>					<b>1.058</b>								tr = trace, sl = slight, N/A = not applicable SED = stem end defect, gc = growth crack

<sup>1</sup> SIZE	<sup>2</sup> TUBER QUALITY (number of tubers per total cut)	<sup>3</sup> VINE VIGOR RATING	<sup>4</sup> VINE MATURITY RATING	Planted:	05-May-11
Bs: < 1 7/8" or < 4 oz.	HH: Hollow Heart	Date Taken: 17-Jun-11	Date Taken: 19-Aug-11	Vines Killed:	8-Sep-11
As: 1 7/8" - 3.25" or 4 - 10 oz.	VD: Vascular Discoloration	Ratings: 1 - 5	Ratings: 1 - 5	Days from Planting to Vine Kill:	126
OV: > 3.25" or > 10 oz.	IBS: Internal Brown Spot	1: Slow Emergence	1: Early (vines completely dead)	Seed Spacing :	7"
PO: Pickouts	BC: Brown Center	5: Early Emergence (vigorous vine, some flowering)	5: Late (vigorous vine, some flowering)	No Fumigation	<sup>5</sup> MAWN STATION: Petersburg Planting to Vine Kill