

# 2009 Russet "Select" Freshpack Potato Variety Trial

## Walther Farms, Branch County, MI

Harvest 5-Oct-09 138 Days  
DD, Base 40<sup>5</sup> 3200

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				
<b>Russet Norkotah</b>	<b>554</b>	<b>703</b>	<b>78</b>	<b>18</b>	<b>35</b>	<b>43</b>	<b>4</b>	<b>1.065</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>10</b>	<b>4.0</b>	<b>2.0</b>	<b>moderate pitted and surface scab, misshapen pickouts</b>
AO2062-1TERus	525	651	80	8	46	34	12	1.068	0	3	0	0	10	3.0	3.5	heavy russet, knobs, no scab
AO1025-4Rus	457	639	72	14	55	17	14	1.071	0	0	0	0	10	3.0	3.5	moderate pitted scab, long, white skin with little russetting
<b>GoldRush</b>	<b>457</b>	<b>731</b>	<b>63</b>	<b>11</b>	<b>31</b>	<b>32</b>	<b>26</b>	<b>1.036</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>4.0</b>	<b>2.5</b>	<b>gc, misshapen in pickouts</b>
W7098-2Rus	431	612	70	22	24	46	8	1.065	0	0	0	0	10	3.0	3.0	not enough russetting, gc and knobs in pickouts
Canela Russet	400	519	77	11	30	47	12	1.076	1	0	0	0	10	3.0	4.0	smooth, few attached stolons, no scab, alligator hide
PA03NM5-1Rus	398	494	81	19	67	14	0	1.068	1	1	0	0	10	3.5	4.5	sl surface and pitted scab
Classic Russet	379	553	69	11	45	24	20	1.068	3	2	0	0	10	3.5	3.5	1 glassy end, misshapen
<b>MEAN</b>	<b>450</b>	<b>613</b>	<b>74</b>					<b>1.065</b>								tr = trace, sl = slight, N/A = not applicable SED = stem end defect, gc = growth crack

<sup>1</sup>SIZE

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

<sup>2</sup>TUBER QUALITY (number of tubers per total cut)

HH: Hollow Heart  
VD: Vascular Discoloration  
IBS: Internal Brown Spot  
BC: Brown Center

<sup>3</sup>VINE VIGOR RATING

Date Taken: 25-Jun-09  
Ratings: 1 - 5  
1: Slow Emergence  
5: Early Emergence (vigorous vine, some flowering)

<sup>4</sup>VINE MATURITY RATING

Date Taken: 27-Aug-09  
Ratings: 1 - 5  
1: Early (vines completely dead)  
5: Late (vigorous vine, some flowering)

Planted: 20-May-09  
Vines Killed: 12-Sep-09  
Days from Planting to Vine Kill: 115  
Seed Spacing: 11"  
Fall Fumigation

<sup>5</sup>MAWN STATION: Constantine  
Planting to Vine Kill