

# 2011 Walther Russet Trial - Overall Averages

## Walther Farms, St. Joseph County, MI

Harvest 10-3-2011 152 DAYS

DD, Base 40<sup>7</sup> 3873

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>	PINKEYE RATING <sup>5</sup>	SCAB RATING <sup>6</sup>	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO		HH	VD	IBS	BC						
TrailBlazer Russet*	442	530	83	8	60	23	9	1.097	4	1	0	0	20	2.0	3.5	0.5	0.5	nice blocky type, uniform shape and size
AF3362-1Rus	425	429	73	16	25	48	11	1.066	0	1	3	0	40	2.5	2.1	1.8	0.3	tr glassy end, uniform type, many oversize tubers
CO03276-4Rus**	406	448	60	34	50	10	6	1.082	1	1	0	0	30	1.8	2.4	0.5	0.3	heavy russeted skin, misshapen tubers in pickouts
<b>CORN #8</b>	<b>399</b>	<b>472</b>	<b>58</b>	<b>28</b>	<b>34</b>	<b>24</b>	<b>14</b>	<b>1.073</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>2.1</b>	<b>3.2</b>	<b>3.0</b>	<b>0.3</b>	<b>nice blocky type, nice skin type, misshapen tubers in pickouts</b>
CO99053-3Rus	392	491	53	33	35	18	14	1.080	1	1	0	0	40	2.0	3.4	0.8	0.0	heavy russeted skin, Silverton-like appearance
CO03308-3Rus**	320	394	54	31	36	18	15	1.074	1	1	1	1	30	2.3	3.1	0.8	0.3	nice skin type, misshapen tubers in pickouts
AC00395-2Rus	319	361	60	28	36	24	12	1.085	6	1	0	0	40	1.9	2.5	2.9	0.4	tr glassy end, misshapen tubers in pickouts
<b>Silverton Russet</b>	<b>316</b>	<b>409</b>	<b>49</b>	<b>38</b>	<b>25</b>	<b>24</b>	<b>13</b>	<b>1.067</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>40</b>	<b>2.3</b>	<b>2.9</b>	<b>2.3</b>	<b>0.2</b>	<b>heavy russeted skin, nice blocky type, misshapen tubers and heat sprouts in pickouts</b>
CO03187-1Rus*	313	338	51	44	40	11	5	1.068	1	1	1	0	20	2.2	1.8	1.5	0.5	heat sprouts in pickouts, tr glassy end
CO03276-5Rus*	304	374	53	35	38	15	12	1.082	2	2	0	0	20	2.1	2.6	1.5	0.4	tubular type, tr glassy end
Clearwater Russet	288	367	52	39	43	9	9	1.088	1	2	2	0	40	1.6	3.1	1.3	0.1	skinny tubers, nice skin type, misshapen tubers in pickouts
A02062-1TERus	286	311	63	27	37	26	10	1.060	0	1	0	0	40	1.5	2.2	1.0	0.7	moderate glassy end, uniform type
CO03202-1Rus**	267	355	50	42	40	10	8	1.074	1	0	0	0	30	1.8	3.0	0.5	0.3	sl glassy end, sl HH, misshapen tubers in pickouts, non-uniform type
<b>Canela Russet**</b>	<b>267</b>	<b>285</b>	<b>64</b>	<b>30</b>	<b>42</b>	<b>22</b>	<b>6</b>	<b>1.079</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>30</b>	<b>1.5</b>	<b>2.8</b>	<b>1.5</b>	<b>0.4</b>	<b>tr glassy end, misshapen tubers in pickouts</b>
A0008-1TERus	236	339	46	33	35	11	21	1.064	1	1	0	0	40	1.5	1.4	1.3	0.3	gc and heat sprouts in pickouts, four tubers with rot, one tuber with heat necrosis
AF3317-15Rus	233	319	48	33	38	10	19	1.094	0	1	3	0	40	2.4	2.7	1.0	0.8	non-uniform type, misshapen tuber and heat sprouts in pickouts, tr glassy end
A01124-3Rus	213	264	54	28	39	15	18	1.064	2	1	1	0	40	1.5	2.4	1.3	0.5	long skinny tubers, misshapen tubers and gc in pickouts, poor type
W6360-1Rus	160	487	33	39	33	0	28	N/A	0	0	0	0	40	2.0	4.5	N/A	N/A	misshapen tubers and heat sprouts in pickouts
<b>MEAN</b>	<b>332</b>	<b>394</b>	<b>58</b>					<b>1.076</b>										tr = trace, sl = slight, N/A = not applicable 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: 2-Jun-11

Ratings: 1 - 5

1: Slow Emergence

5: Early emergence (vigorous vine, some flowering)

### <sup>4</sup>VINE MATURITY RATING

Date Taken: 26-Aug-11

Ratings: 1 - 5

1: Early (vines completely dead)

5: Late (vigorous vine, some flowering)

Planted:

Vines Killed:

Days from Planting to Vine Kill:

Seed Spacing :

No Fumigation

4-May-11

19-Sep-11

138

12"

### <sup>5</sup>PINKEYE RATING

Ratings: 0 - 5

0: No Pinkeye

5: Severe Alligator Hide

### <sup>6</sup>COMMON SCAB RATING

Ratings: 0 - 5

0: No Common Scab

5: Severe Surface and Pitted Scab

<sup>7</sup>MAWN STATION: Cassopolis

Planting to Vine Kill

\* = Average of 2 Replications

\*\* = Average of 3 Replications