

2009 Freshpack Potato Variety Trial
Walther Farms, Branch County, MI
Harvest **5-Oct-09** **138** Days
DD, Base 40⁵ **3200**

Line	CWT/A		PERCENT OF TOTAL ¹					SP GR	TUBER QUALITY ²				TOTAL CUT	VINE VIGOR ³	VINE MATURITY ⁴	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO		HH	VD	IBS	BC				
CORN 8	743	894	83	13	54	29	4	1.065	12	3	0	0	40	4.1	2.9	heavy russetting, misshapen pickouts, tr pitted scab
TX278	668	795	84	13	51	33	3	1.062	20	6	0	0	40	4.4	3.1	gc and misshapen in pickouts, tr pitted and surface scab
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
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
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
CO99053-3Rus	539	697	77	12	44	33	11	1.077	3	5	0	0	40	3.9	4.4	dark heavy russetting, gc, misshapen and knobs in pickouts
Russet Norkotah	531	689	77	19	57	20	4	N/A	5	3	0	0	40	4.0	2.1	dark heavy russetting, nice appearance, tr scab, 1 glassy end
Silverton Russet	486	566	86	9	49	37	5	1.065	2	4	0	0	40	3.8	3.6	misshapen pickouts
CO99100-1Rus	473	592	80	10	54	26	10	N/A	8	4	0	0	40	5.0	2.6	gc in pickouts, sl pitted and surface scab
CO99053-4Rus	410	580	71	21	53	18	8	1.069	10	0	2	5	40	4.3	2.6	dark heavy russetting, gc, misshapen, points and knobs in pickouts, sl pitted scab, significant black heart in one replication
AC99375-1Rus	405	605	67	21	50	17	12	1.079	18	4	2	1	40	4.5	4.4	medium russet, misshapen pickouts
Canela Russet	388	527	74	13	39	35	13	1.079	11	3	1	0	40	3.0	3.8	tr pitted scab, misshapen and knobs in pickouts, 1 black heart
Classic Russet	372	498	74	11	42	32	15	1.072	5	7	1	1	40	3.3	3.8	tr pitted scab, knobs in pickouts
MEAN	522	659	79					1.069								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: 25-Jun-09
Ratings: 1 - 5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING

Date Taken: 27-Aug-09
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 :
Fall Fumigation

20-May-09
15-Sep-09
118
12"

⁵MAWN STATION: Constantine
Planting to Vine Kill