

# 2009 Russet "Select" Freshpack Potato Variety Trial

## Elmable Farm, Kalkaska County, MI

Harvest 8-Oct-09

148 Days

DD, Base 40<sup>5</sup>

2754

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				
A02062-1TERus	362	468	78	22	78	0	1	1.083	0	0	0	0	10	3.5	3.0	nice size and type, heavy russet skin
CORN 8	321	421	76	22	76	0	1	1.058	0	1	0	0	10	4.5	2.0	misshapen pickouts
Classic Russet	298	432	69	26	69	0	5	1.059	0	1	0	0	10	4.5	3.5	gc and knobs in pickouts
A01025-4Rus	295	491	60	37	60	0	3	1.070	0	1	0	0	10	4.5	2.0	light russeting, moderate surface scab, not uniform type
CO99053-3Rus	279	417	67	29	58	9	4	1.078	0	2	0	0	10	4.0	4.0	good size profile
<b>GoldRush</b>	<b>277</b>	<b>405</b>	<b>68</b>	<b>30</b>	<b>66</b>	<b>2</b>	<b>2</b>	<b>1.069</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>4.0</b>	<b>3.0</b>	<b>round tuber type small size tubers, misshapen pickouts</b>
AOTX95265-4Rus	248	355	70	26	70	0	4	1.074	0	0	0	0	10	4.5	2.0	misshapen pickouts, one glassy end
Canela Russet	229	341	67	31	67	0	2	1.087	0	0	0	0	10	3.5	3.5	sl mishapen in pickouts
PA03NM5-1Rus	225	379	60	36	60	0	4	1.083	0	0	0	0	10	4.0	3.0	misshapen pickouts
W7098-2Rus	224	366	61	32	61	0	7	1.065	0	0	0	0	10	4.0	2.5	knobs in pickouts
CO99053-4Rus	222	332	67	31	67	0	2	1.080	0	0	0	0	10	4.5	1.5	misshapen pickouts
CO99100-1Rus	219	336	65	31	65	0	3	1.073	0	0	0	0	10	4.5	1.0	misshapen pickouts
<b>Russet Norkotah</b>	<b>217</b>	<b>310</b>	<b>70</b>	<b>29</b>	<b>70</b>	<b>0</b>	<b>1</b>	<b>1.073</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>4.5</b>	<b>1.0</b>	<b>uniform type</b>
AC99375-1Rus	182	358	51	49	51	0	0	1.086	0	0	0	0	10	4.5	4.5	small type
<b>MEAN</b>	<b>257</b>	<b>386</b>	<b>66</b>					<b>1.074</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: 24-Jun-09  
Ratings: 1 - 5  
1: Slow Emergence  
5: Early emergence (vigorous vine, some flowering)

<sup>4</sup>VINE MATURITY RATING  
Date Taken: 25-Aug-09  
Ratings: 1-5  
1: Early (vines completely dead)  
5: Late (vigorous vine, some flowering)

Planted: 13-May-09  
Vines Killed: 15-Sep-09  
Days from Planting to Vine Kill: 125  
Seed Spacing : 12"  
Fall Fumigation

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