

2010 Russet "Select" Freshpack Potato Variety Trial

Walther Farms, Branch County, MI

Harvest 6-Oct-10 142 Days

DD, Base 40⁵ 4109

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				
AF3362-1RUS	342	458	75	15	60	15	10	1.063	0	5	9	6	10	2.0	1.5	alligator hide, gc and knobs in pickouts, bad heat related internal defects
A98289-1RUS	332	431	77	17	73	4	6	1.070	0	3	0	0	10	1.0	1.5	gc and misshapen in pickouts, severe blackleg rot in plot
Silverton Russet	307	458	67	20	59	8	13	1.066	0	1	0	5	10	2.0	2.0	
A98134-2RUS	291	570	51	33	49	2	16	1.071	0	3	1	0	10	2.5	2.5	misshapen in pickouts, tr gc, alligator hide, type not uniform
Russet Norkotah	278	416	67	22	54	13	11	1.068	0	2	0	0	10	1.0	1.5	misshapen and knobs in pickouts
GoldRush	278	533	52	25	47	5	23	1.068	0	1	0	0	10	1.5	2.0	
A01124-3RUS	248	467	53	37	52	1	10	1.069	1	0	2	0	10	1.5	2.5	knobs and heat sprouts in pickouts
W6234-4RUS	226	362	63	24	48	15	13	1.076	1	3	0	0	10	1.5	2.5	misshapen pickouts, heat sprouts, heat necrosis in two tubers
AC00395-2RUS	223	403	55	21	52	3	24	1.077	4	1	0	0	10	1.0	3.5	knobs and heat sprouts in pickouts
A0008-1TE	209	348	60	18	48	12	22	1.063	6	0	0	0	10	1.0	2.0	many gc and misshapen in pickouts, alligator hide
W8946-1RUS	124	451	28	35	28	0	37	1.084	0	1	0	0	10	2.0	3.0	sl surface scab, severe heat sprouts in pickouts

MEAN 260 445 59

1.071

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: 14-Jun-10
Ratings: 1 - 5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING
Date Taken: 3-Sep-10
Ratings: 1 - 5
1: Early (vines completely dead)
5: Late (vigorous vine, some flowering)

Planted: 17-May-10
Vines Killed: 25-Sep-10
Days from Planting to Vine Kill: 131
Seed Spacing : 11"
No Fumigation

⁵MAWN STATION: Constantine
Planting to Vine Kill