

2010 Russet "Select" Freshpack Potato Variety Trial

Elmable Farm, Kalkaska County, MI

Harvest 27-Sep-10

146 Days

DD, Base 40⁵

3350

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				
Silverton Russet	458	517	88	10	69	19	2	1.066	0	0	0	0	10	2.5	3.0	clean white flesh
A98134-2	408	515	79	21	72	7	0	1.078	0	2	0	0	10	3.5	2.0	tr surface scab, glassy end in one tuber, heavy russetting
Silverton Russet*	407	463	88	11	70	18	1	1.064	0	1	0	1	10	2.0	2.5	nice overall type
A01124-3	397	536	74	24	60	14	2	1.075	2	0	0	1	10	1.0	2.5	misshapen pickouts, heavy russetting
CO99053-3RUS	361	457	79	17	70	9	4	1.078	1	2	0	0	10	2.0	4.0	alligator hide
W8946-1RUS	327	531	62	35	62	0	3	1.083	0	0	3	0	10	2.0	3.5	heat sprouts, alligator hide
W6234-4RUS	293	403	73	23	68	5	4	1.078	1	1	0	0	10	2.5	1.5	tr surface scab, light russetting
AC00395-2RUS	277	434	64	36	60	4	0	1.091	6	2	0	0	10	1.0	4.5	heavy russetting
GoldRush	259	418	62	18	60	2	20	1.066	0	0	0	0	10	1.0	1.5	many misshapen tubers
GoldRush*	244	351	69	20	63	6	11	1.069	0	1	0	0	10	1.5	1.5	misshapen pickouts, heavy russetting
Russet Norkotah	238	397	60	36	54	6	4	1.064	0	2	0	0	10	2.0	1.0	misshapen pickouts, alligator hide
W2683-2RUS	227	394	57	31	56	1	12	1.069	0	1	2	0	10	1.0	3.0	severe pythium leak, tr heat necrosis
MEAN	325	451	71					1.074								

tr = trace, sl = slight, N/A = not applicable
 SED = stem end defect, gc = growth crack

¹ <u>SIZE</u>	² TUBER QUALITY (number of tubers per total cut)	³ <u>VINE VIGOR RATING</u>	⁴ <u>VINE MATURITY RATING</u>	Planted:	4-May-10
Bs: < 1 7/8" or < 4 oz.	HH: Hollow Heart	Date Taken: 8-Jun-10	Date Taken: 23-Aug-10	Vines Killed:	12-Sep-10
As: 1 7/8" - 3.25" or 4 - 10 oz.	VD: Vascular Discoloration	Ratings: 1 - 5	Ratings: 1-5	Days from Planting to Vine Kill:	131
OV: > 3.25" or > 10 oz.	IBS: Internal Brown Spot	1: Slow Emergence	1: Early (vines completely dead)	Seed Spacing :	12"
PO: Pickouts	BC: Brown Center	5: Early emergence (vigorous vine, some flowering)	5: Late (vigorous vine, some flowering)	Fall Fumigation	
					⁵ MAWN STATION: Arlene Planting to Vine Kill

* = second replication of previously listed varieties