

2009 Russet "Select" Freshpack Potato Variety Trial Overall Average - Three Locations

Elmapple Farm, Kalkaska County, MI

MSU - Montcalm Research Farm, Montcalm County, MI

Walther Farms, St. Joseph County, MI

LINE	CWT/A		PERCENT OF TOTAL ¹					TUBER QUALITY ²				TOTAL CUT	VINE VIGOR ³	VINE MATURITY ⁴	2009 SCAB RATING ⁵	
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR	HH	VD	IBS					BC
A02062-1TERus ⁷	402	492	82	12	64	18	6	1.074	0	10	0	0	60	3.3	2.8	1.5
A01025-4Rus ⁷	355	506	71	22	61	10	7	1.072	1	6	0	0	60	3.8	2.5	1.0
GoldRush⁷	330	493	69	20	57	12	11	1.060	1	1	0	0	60	4.0	2.2	1.0
Classic Russet ⁷	321	440	75	15	59	16	10	1.067	14	15	0	0	60	4.0	2.9	1.3
PA03NM5-1Rus ⁷	306	409	74	23	66	8	3	1.079	4	13	0	0	60	3.8	3.6	1.0
Russet Norkotah⁷	305	428	68	25	53	15	7	1.071	4	1	1	0	60	4.3	1.4	2.0
W7098-2Rus ⁷	298	424	71	22	51	20	7	1.066	0	4	0	0	60	3.5	2.5	1.3
Canela Russet ⁷	277	374	73	22	57	16	5	1.082	1	2	0	0	60	3.3	3.0	0.7
CO99053-3Rus ⁶	276	376	74	21	65	9	5	1.077	3	6	0	0	50	4.0	3.3	1.5
AC99375-1Rus ⁶	275	416	64	32	58	6	4	1.083	20	2	1	0	50	4.5	3.8	1.3
CORN 8⁶	269	362	75	20	72	3	5	1.064	5	5	0	0	50	4.5	1.7	1.0
CO99053-4Rus ⁶	226	326	70	22	68	2	8	1.079	0	2	0	0	50	4.5	1.3	1.5
AOTX95265-4Rus ⁶	205	308	66	24	64	2	10	1.073	0	0	0	0	50	4.5	1.7	1.3
CO99100-1Rus ⁶	184	283	65	25	65	0	10	1.074	0	3	0	0	50	4.5	1.0	1.3
MEAN	288	403	71					1.073								

¹SIZE

Bs: < 4 oz.
As: 4 - 10 oz.
OV: > 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

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

⁴VINE MATURITY RATING

Ratings: 1 - 5
1: Early (vines completely dead)
5: Late (vigorous vine, some flowering)

⁵Common Scab Rating

0: No Infection
1: Low Infection < 5%
3: Intermediate
5: Highly Susceptible

⁶Grown at Elmapple and MRF

⁷Grown at Elmapple, MRF and Walther