

2014 Russet "Select" Freshpack Potato Variety Trial Overall Average- Ten Locations

LINE	CWT/A		PERCENT OF TOTAL ¹						TUBER QUALITY ²				VINE VIGOR ³	VINE MATURITY ⁴	COMMENTS	
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR	HH	VD	IBS	BC				
AF3362-1Rus ^{abcdeghij}	523	600	87	5	50	37	9	1.077	0.2	1.3	0.1	0.0	2.8	3.6	0.0-1.5 common scab, knobby and misshapen in pickouts	
AF4320-7Rus ^{abcdeghij}	511	606	85	5	51	34	10	1.075	0.1	1.7	0.0	0.0	2.4	4.6	0.5-2.0 common scab, misshapen pickouts	
ATX91137-1Rus ^{abcdeghij}	509	621	81	6	46	35	12	1.065	0.1	1.5	0.0	0.0	1.5	3.9	0.0-0.5 common scab, knobby, misshapen and gc in pickouts	
W9433-1Rus ^{abcdeghij}	493	560	87	5	44	45	6	1.076	0.1	1.6	0.9	0.1	2.5	3.6	0.0-1.5 common scab, misshapen and knobs in pickouts	
Silverton Russet^{abcdeghij}	433	524	82	11	54	28	7	1.076	0.5	1.6	0.1	0.3	2.9	3.6	0.0-0.5 common scab, gc, knobby and misshapen pickouts, alligator hide	
A03921-2Rus ^{abcdeghij}	394	488	81	11	56	24	8	1.088	0.4	1.6	1.1	0.2	1.9	3.8	1.0-2.0 common scab, gc, eyebrowing and misshapen pickouts, small uniform tubular tuber type	
AF4152-7Rus ^c	393	480	82	9	77	5	9	1.086	0.0	1.0	0.0	0.0	3.0	2.5	misshapen pickouts	
A06021-1TRus ^{abcdeghij}	390	471	83	10	60	23	7	1.077	0.3	1.2	0.2	0.6	1.8	3.3	0.5 common scab,gc, knobs and misshapen in pickouts, prominent lenticels	
W8152-1Rus ^{abcdeghij}	381	475	81	13	62	19	5	1.081	0.9	0.8	0.1	0.3	2.9	3.2	0.5-1.0 common scab, alligator hide, gc and misshapen in pickouts	
W9133-1Rus ^{abcdeghij}	373	472	80	12	55	25	8	1.071	0.5	0.5	0.1	0.0	2.6	2.8	0.0-1.5 common scab, sl alligator hide, misshapen and gc in pickouts	
AF4124-7Rus ^{abcdeghij}	367	465	80	8	51	29	12	1.081	0.1	1.3	0.0	0.1	2.5	3.7	0.0 common scab, misshapen, prominent eyebrows	
Russet Norkotah^{abcdeghij}	360	474	76	17	50	26	7	1.072	1.8	1.5	0.1	0.0	1.7	3.8	0.0- 1.0 common scab,tr gc, alligator hide, misshapen pickouts	
Goldrush Russet^{bd}	349	470	75	19	71	4	6	1.066	0.0	1.5	0.0	0.0	3.3	3.0	0.0 common scab, misshapen pickouts	
Russet Norkotah LT^{cdefghij}	340	454	74	22	60	14	4	1.070	0.6	1.1	0.2	0.0	2.7	2.4	1.0-1.5 common scab, gc and misshapen pickouts	
Mercury ⁱ	280	419	67	16	61	6	17	1.087	1.0	0.0	0.0	0.0	2.5	2.5	gc in pickouts	
MEAN	415	511						1.076								tr = trace, sl = slight, N/A = not available gc=growth crack

2014 Russet Variety Trial Sites

^a Montcalm Research Center (replicated); Montcalm Co.

^b Elmable Farm; Kalkaska Co.

^c Crawford Farms; Montcalm Co.

^d Kitchen Farms; Antrim Co.

^e Walther Farms (Norkotah); St. Joseph Co. (Replicated)

^f Walther Farms (Silverton); St. Joseph Co. (Replicated)

^g VanDamme Farms; Delta Co.

^h Erke Farms, Presque Isle Co.

ⁱ Walther Farms (pinkeye); St. Joseph Co. (Replicated)

^j NFPT (selected lines replicated); Walther Farms; St. Joseph Co.

¹SIZE

Bs: < 4.0 oz.

As: 4.0 - 10.0 oz.

OV: > 10 oz.

PO: Pickouts

²TUBER QUALITY (number of tubers per 10 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)

2014 Russet "Select" Variety Trial Elmapple Farms, Kalkaska County, MI

Harvest 1-Oct-14 133 Days
DD, Base 40⁵ 2729

	CWT/A		PERCENT OF TOTAL ¹						TUBER QUALITY ²				TOTAL CUT	VINE VIGOR ³	VINE MATURITY ⁴	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR	HH	VD	IBS	BC				
W9433-1Rus	568	618	92	1	17	75	7	1.074	0	3	0	0	10	4.5	4.0	0.0 common scab, misshapen pickouts
Silverton Russet	473	524	90	4	52	38	6	N/A	0	2	0	0	10	4.0	3.5	0.5 common scab, misshapen pickouts
AF4320-7Rus	451	572	79	6	45	34	15	1.075	0	2	0	0	10	2.5	5.0	0.5 common scab
W9133-1Rus	419	533	79	10	53	26	11	1.062	0	0	0	0	10	3.5	2.5	misshapen and gc in pickouts, 1.0 common scab
A03921-2Rus	365	442	83	4	66	17	13	1.092	1	0	0	2	10	2.5	4.5	gc and misshapen pickouts, 1.0 common scab
AF3362-1Rus	356	477	75	5	52	23	20	1.072	0	2	0	0	10	4.0	4.0	0.5 common scab
Russet Norkotah	354	411	86	8	64	22	6	1.065	2	0	0	0	10	3.5	2.5	0.0 common scab, misshapen pickouts
Goldrush Russet	343	503	68	22	61	7	10	1.068	0	0	0	0	10	3.0	2.5	0.0 common scab, misshapen pickouts
W8152-1Rus	341	415	82	13	48	34	5	1.074	1	3	0	0	10	3.5	3.0	alligator hide, 0.5 common scab, gc in pickouts
AF4124-7Rus	327	455	72	4	51	21	24	1.082	0	1	0	0	10	3.5	3.5	0.0 common scab
A06021-1TRus	317	437	72	13	47	25	15	1.078	0	6	0	3	10	2.5	3.0	misshapen pickouts, 0.5 common scab, many sun-burnt tubers
ATX91137-1Rus	255	492	52	8	38	14	40	1.062	0	2	0	0	10	1.5	4.5	knobs, misshapen and gc in pickouts, 0.0 common scab
MEAN	381	490						1.073								tr = trace, sl = slight, NA = not available

SED = stem end defect, gc = growth crack

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

Date Taken: 26-Jun-14
Ratings: 1 - 5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING

Date Taken: 13-Aug-14
Ratings: 1 - 5
1: Early (vines completely dead)
5: Late (vigorous vine, some flowering)

Planted: 21-May-14

Vines Killed: 13-Sep-14

Days from Planting to Vine Kill: 115

Seed Spacing: 12"

Fall Fumigation

⁵MAWN STATION: Kalkaska
Planting to Vine Kill

2014 Freshpack Potato Variety Trial

Crawford Farms, Montcalm County, MI

Harvest 1-Oct-14 125 Days
DD, Base 40⁵ 2591

LINE	CWT/A		PERCENT OF TOTAL ¹					TUBER QUALITY ²				TOTAL CUT	VINE VIGOR ³	VINE MATURITY ⁴	COMMENTS	
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR	HH	VD	IBS					BC
MSS206-2	638	717	89	1	41	48	10	1.071	1	2	0	0	10	2.0	4.0	sheep nose and pear shape in pickouts
Reba	619	643	96	2	72	24	2	1.072	0	0	1	1	10	3.5	2.5	misshapen pickouts
MSS576-5SPL	590	643	92	5	76	16	3	1.073	0	0	0	0	10	3.5	2.5	misshapen pickouts
MSM288-2Y	590	636	93	5	87	6	2	1.073	0	1	0	0	10	3.0	2.5	misshapen pickouts, 1.0 common scab, deep yellow flesh
Red Norland	554	620	89	4	89	0	7	1.067	0	1	0	0	10	3.0	1.0	light red to red skin color
MSS176-1	545	583	94	1	67	27	5	1.072	0	0	0	10	10	3.0	3.5	large flat to oval tuber type
AF3362-1Rus	543	635	86	5	59	27	9	1.079	0	1	0	0	10	2.5	3.5	knobs and misshapen pickouts
MSQ086-3	531	568	94	5	88	6	1	1.076	0	1	0	0	10	2.0	3.5	1.0 common scab, misshapen pickouts
MSQ131-A	508	525	97	1	53	44	2	1.066	1	0	0	0	10	2.5	3.0	misshapen pickouts, 1.0 common scab
W6703-1Y (Oneida Gold)	475	537	88	12	88	0	0	1.070	0	0	0	0	10	2.5	1.5	small uniform tuber type, yellow flesh
Russet Norkotah LT	457	607	75	13	67	8	12	1.079	5	2	0	0	10	1.5	3.5	1.5 common scab, gc and misshapen in pickouts
AF4320-7Rus	451	552	81	4	57	24	15	1.078	0	0	0	0	10	2.0	4.0	misshapen pickouts, 1.5 common scab
A03921-2Rus	413	528	78	18	76	2	4	1.099	0	2	0	0	10	2.5	3.5	small uniform tuber type
AO6021-1TRus	409	556	74	12	66	8	14	1.080	0	0	0	0	10	2.0	2.0	misshapen pickouts, prominent lenticels
W9433-1Rus	406	480	84	7	64	20	9	1.080	0	2	0	0	10	2.0	2.5	1.0 common scab, misshapen pickouts
AF4152-7Rus	393	480	82	9	77	5	9	1.086	0	1	0	0	10	3.0	2.5	misshapen pickouts
ATX91137-1Rus	380	495	76	11	64	12	13	1.065	0	0	0	0	10	1.5	3.5	knobs in pickouts
W9133-1Rus	380	499	76	12	58	18	12	1.068	2	0	0	0	10	2.0	2.0	misshapen pickouts, 1.0 common scab
W8152-1Rus	358	443	81	17	76	5	2	1.079	2	0	0	0	10	2.5	3.0	alligator hide, 1.0 common scab
CO05228-4Rus	344	457	75	25	75	0	0	1.075	0	2	0	0	10	2.0	2.0	small uniform tuber type, nice red skin color, 0.5 common scab
Silverton Russet	306	396	77	21	70	7	2	1.065	0	1	0	0	10	2.5	3.0	misshapen and gc in pickouts
Russet Norkotah	207	368	56	39	55	1	5	1.067	0	0	1	0	10	3.0	1.0	small tuber type, 0.5 common scab
MEAN	459	544						1.075								

tr = trace, sl = slight, NA = not available

SED = stem end defect, gc = growth crack

¹SIZE

Bs: < 1 7/8" or <4oz.

As: 1 7/8" - 3.25" or 4-10oz. VD: Vascular Discoloration

OV: > 3.25" or >10oz.

PO: Pickouts

²TUBER QUALITY (number of tubers per total cut)

HH: Hollow Heart

IBS: Internal Brown Spot

BC: Brown Center

³VINE VIGOR RATING

Date Taken: 3-Jul-13

Ratings: 1 - 5

1: Slow Emergence

5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING

Date Taken: 26-Aug-14

Ratings: 1 - 5

1: Early (vines completely dead)

5: Late (vigorous vine, some flowering)

Planted: 29-May-14

Vines Killed: 2-Sep-14

Days from Planting to Vine Kill: 96

Seed Spacing : 10" (reds, yellows, whites) and 12" (russets)

No Fumigation

⁵MAWN STATION: Entrican Planting to Vine Kill

2014 Russet Norkotah Tablestock Potato Variety Trial

Walther Farms, St. Joseph County, MI

Harvest 12-Sep-14 142 Days

DD, Base 40⁵ 3231

LINE	CWT/A		PERCENT OF TOTAL ¹					TUBER QUALITY ²					TOTAL CUT	VINE VIGOR ³	VINE MATURITY ⁴	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR	HH	VD	IBS	BC				
ATX91137-1Rus	506	575	88	4	36	52	8	1.062	0	3	0	0	10	1.1	3.4	gc, misshapen tubers, 0.5 common scab
W9433-1Rus	386	418	93	5	44	49	2	1.073	0	2	1	0	10	1.3	3.9	0.5 common scab
Silverton Russet	386	441	88	8	48	40	4	1.065	0	3	0	0	10	1.6	3.9	alligator hide, slight gc
AF4320-7Rus	347	381	91	8	54	37	1	1.067	0	5	0	0	10	1.0	4.6	2.0 common scab
AF3362-1Rus	343	382	90	6	48	42	4	1.074	0	2	0	0	10	2.0	3.6	glassy end
Russet Norkotah	330	406	80	18	56	24	2	1.068	1	3	0	0	10	1.8	2.4	1.0 common scab, alligator hide, tr gc
W9133-1Rus	330	354	93	5	38	56	2	1.064	0	0	0	0	10	1.1	2.5	1.0 common scab, sl pinkeye, sl gc
Russet Norkotah L	320	349	92	7	49	43	1	1.064	2	5	0	0	10	1.0	4.1	1.0 common scab
W8152-1Rus	301	328	92	8	53	39	0	1.076	0	3	1	1	10	1.5	3.4	0.5 common scab
AF4124-7Rus	268	297	90	9	49	42	1	1.080	0	1	0	1	10	1.5	3.0	
A06021-Trus	246	281	88	12	52	36	0	1.075	1	1	0	1	10	1.1	3.0	gc
A03921-2Rus	208	261	79	16	50	29	5	1.078	0	2	3	0	10	1.0	2.9	1.0 common scab, gc
MEAN	331	373						1.071								

tr = trace, sl = slight, NA = not available
gc=growth crack

¹SIZE

Bs: < 4.0 oz.
As: 4.0 - 10.0 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

Date Taken: 28-May-14
Ratings: 1-5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING

Date Taken: 1-Aug-14
Ratings: 1 - 5
1: Early (vines completely dead)
5: Late (vigorous vine, some flowering)

Planted: 23-Apr-14
Vines Killed: 25-Aug-14
Days from Planting to Vine Kill: 124
Seed Spacing: 12"
Fumigation

⁵MAWN STATION: Constantine
Planting to Vine Kill

2014 Silverton Russet Tablestock Potato Variety Trial

Walther Farms, St. Joseph County, MI

Harvest 16-Oct-14 176 Days
DD, Base 40⁵ 3613

LINE	CWT/A		PERCENT OF TOTAL ¹					TUBER QUALITY ²					TOTAL CUT	VINE VIGOR ³	VINE MATURITY ⁴	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR	HH	VD	IBS	BC				
ATX91137-1Rus	530	620	84	6	34	50	9	1.059	0	3	0	0	10	1.8	3.5	
Silverton Russet	501	567	88	7	46	42	5	1.066	0	2	0	1	10	2.4	3.4	
W9433-1Rus	404	464	87	5	52	35	8	1.073	0	2	4	0	10	1.5	3.4	
AF3362-1Rus	378	432	87	4	49	39	8	1.072	0	3	1	0	10	2.1	3.4	
W9133-1Rus	301	339	89	9	75	14	2	1.065	1	0	0	0	10	1.4	2.0	0.5 common scab
Russet Norkotah LT	294	380	77	13	57	20	10	1.068	4	1	1	0	10	1.3	3.8	
A06021-TRus	290	341	85	9	62	23	6	1.078	1	1	1	1	10	1.1	2.5	gc and knobs in pickouts
A03921-2Rus	262	332	79	14	55	24	7	1.087	0	4	3	0	10	1.4	3.3	misshapen pickouts, tubular type, 1.0 common scab
MEAN	370	434						1.071								

tr = trace, sl = slight, NA = not available
SED = stem end defect, gc = growth crack

¹SIZE

Bs: < 4.0 oz.
As: 4.0 - 10.0 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

Date Taken: 28-May-14
Ratings: 1-5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING

Date Taken: 1-Aug-14
Ratings: 1 - 5
1: Early (vines completely dead)
5: Late (vigorous vine, some flowering)

Planted: 23-Apr-14
Vines Killed: 6-Sept-14
Days from Planting to Vine Kill: 136
Seed Spacing: 12"
Fumigation

⁵MAWN STATION: Constantine
Planting to Vine Kill

2014 Freshpack Potato Variety Trial

Erke Farms, Presque Isle County, MI

Harvest 10-Oct-14 133 Days

DD, Base 40⁵ 2544

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				
MSS576-5SPL	826	901	91	3	81	10	6	1.082	0	2	0	0	10	4.5	3.0	nice uniform size profile, pinkeye, 0.0 common scab
MSQ131-A	784	827	94	2	55	39	4	1.081	0	0	0	0	10	4.5	3.5	uniform round tuber type, sl pinkeye, 0.5 common scab
AF33621-Rus	721	858	84	10	74	10	6	1.090	0	0	0	0	10	5.0	4.0	uniform tuber type, 0.0 common scab, tr pinkeye
W6703-1Y (Oneida Gold)	682	763	89	11	89	0	0	1.084	0	0	0	0	10	4.0	2.5	small uniform tuber type, medium yellow flesh, 0.5 common scab
MSS176-1	658	736	90	4	90	0	6	1.100	0	1	1	0	10	5.0	3.0	misshapen and gc in pickouts
MSS206-2	648	805	81	5	62	19	14	1.080	1	1	0	0	10	4.0	4.0	misshapen pickouts, 0.5 common scab, tr of gc, pinkeye
MSM288-2Y	628	803	78	10	72	6	12	1.085	1	1	0	1	10	4.5	3.0	deep yellow flesh, 1.0 common scab, pinkeye, uniform tuber type
Reba	584	744	78	8	64	14	14	1.082	0	3	0	0	10	4.0	2.5	misshapen pickouts, deep apical eye, 0.0 common scab
W9433-1Rus	555	740	75	12	43	32	13	1.085	0	5	3	1	10	4.5	3.5	
Red Norland	532	628	85	12	85	0	3	1.074	0	1	0	0	10	3.0	1.5	misshapen pickouts, 0.0 common scab
MSQ086-3	532	659	80	11	78	2	9	1.082	0	0	0	0	10	4.0	3.5	misshapen and gc in pickouts, severe pinkeye, severe blackleg, 0.0 common scab
W9133-1Rus	416	605	69	22	59	10	9	1.073	0	2	0	0	10	4.5	2.5	misshapen pickouts, pinkeye, 0.0 common scab
CO05228-4R	405	664	61	35	61	0	4	1.073	0	0	0	0	10	2.5	2.0	very small uniform tuber type, 0.5 common scab, dark red skin color
Russet Norkotah	389	664	58	32	55	3	10	1.077	0	3	0	0	10	4.0	2.5	knobs and misshapen in pickouts, pinkeye, 0.0 common scab
Silverton Russet	373	541	69	24	69	0	7	1.080	2	2	1	2	10	4.5	3.5	misshapen pickouts, 0.0 common scab
W8152-1Rus	373	640	58	25	58	0	17	1.093	1	0	0	1	10	5.0	2.5	0.0 common scab, severe gc in pickouts
Russet Norkotah LT	93	455	20	74	20	0	6	1.084	0	0	0	0	10	3.0	3.5	
MEAN	734	817	90					1.087								

tr = trace, sl = slight, N/A = not applicable

SED = stem end defect, gc = growth crack

¹SIZE

Bs: < 1 7/8" or
As: 1 7/8" - 3.25"
OV: > 3.25"
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: 8-Jul-14
Ratings: 1 - 5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING

Date Taken: 26-Aug-14
Ratings: 1 - 5
1: Early (vines completely dead)
5: Late (vigorous vine, some flowering)

Planted: 30-May-14

Vines Killed: 12-Sep-14

Days from Planting to Vine Kill: 105

Seed Spacing: 10" (red, yellow, round white) and 12" (russets)

No Fumigation

⁵MAWN STATION: Hawks
Planting to Vine Kill

2014 Freshpack Potato Variety Trial

Kitchen Farms, Antrim County, MI

Harvest 23-Sep-14 116 Days
DD, Base 40⁵ 2156

LINE	CWT/A		PERCENT OF TOTAL ¹					TUBER QUALITY ²				TOTAL CUT	VINE VIGOR ³	VINE MATURITY ⁴	COMMENTS	
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR	HH	VD	IBS					BC
AF4320-7Rus	636	701	91	4	64	27	5	1.068	0	0	0	0	10	5.0	5.0	0.5 common scab,
MSS576-5SPL	629	671	94	1	66	28	5	1.062	0	2	0	0	10	2.5	3.5	0.5 common scab, gc in pickouts
AF3362-1Rus	602	641	94	3	56	38	3	1.070	0	0	0	0	10	2.5	3.5	0.5 common scab, knobs in pickouts
Reba	545	568	96	2	50	46	2	1.068	2	0	1	0	10	3.5	3.5	1.0 common scab, misshapen pickouts
ATX91137-1Rus	545	732	74	8	60	15	18	1.061	0	1	0	0	10	1.0	4.5	knobs and misshapen in pickouts, 0.5 common scab
MSS206-2	543	650	84	2	48	35	14	1.063	7	0	0	0	10	1.5	4.5	2.5 common scab, pear shapes and bottlenecking in pickouts
W9433-1Rus	522	551	95	1	43	52	4	1.063	0	0	1	0	10	2.0	4.0	1.5 common scab
MSM288-2Y	510	564	91	4	75	16	5	1.067	0	1	0	1	10	2.0	3.5	3.0 common scab, two tubers with black leg
Red Norland	466	517	90	6	84	6	4	1.055	2	1	0	0	10	2.5	2.5	0.5 common scab, gc and misshapen in pickouts
W6703-1Y(Oneida Gold)	456	500	91	8	91	0	1	1.066	0	0	0	0	10	2.0	3.5	0.5 common scab, uniform tuber type, yellow flesh
A03921-2Rus	437	502	87	10	70	17	3	1.085	0	0	2	0	10	2.0	4.5	2.0 common scab, points, eye-browning in pickouts
AF4124-7Rus	434	466	93	4	70	23	3	1.072	0	0	0	0	10	2.0	4.0	misshapen pickouts, prominent eye brows
W8152-1Rus	433	514	84	10	73	11	6	1.080	0	0	0	0	10	2.5	3.5	0.5 common scab, gc in pickouts
MSS176-1	431	498	87	3	58	28	10	1.062	0	1	1	0	10	2.5	5.0	0.5 common scab, gc in pickouts
Russet Norkotah LT	426	505	84	15	76	8	1	1.069	2	2	0	0	10	1.5	4.5	1.0 common scab, misshapen pickouts
Russet Norkotah	402	481	84	14	74	10	2	1.065	0	0	0	0	10	2.0	2.5	1.0 common scab
MSQ086-3	396	418	95	4	65	30	1	1.065	0	2	2	0	10	4.5	4.5	0.5 common scab, tr sheep nose
A06021-1TRus	368	432	85	11	80	5	4	1.068	0	0	0	0	10	2.0	4.0	0.5 common scab,
CO05228-4R	361	478	76	23	76	0	1	1.060	0	0	0	0	10	3.5	3.5	2.0 common scab, nice dark red skin color, small uniform tuber type
MSQ131-A	359	386	93	3	58	35	4	1.055	0	1	0	0	10	1.0	4.0	1.5 common scab, gc and misshapen in pickouts,
GoldRush Russet	356	438	81	17	80	2	2	1.064	0	3	0	0	10	3.5	3.5	0.0 common scab, misshapen pickouts
W9133-1Rus	341	489	70	19	64	5	11	1.063	0	1	0	0	10	3.5	3.5	0.0 common scab, misshapen pickouts
Silverton Russet	300	376	80	14	75	5	6	1.062	0	3	0	0	10	2.0	4.0	0.5 common scab, gc and knobs in pickouts
MEAN	456	525						1.066								

tr = trace, sl = slight, NA = not available
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: 26-Jun-14
Ratings: 1 - 5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING
Date Taken: 13-Aug-14
Ratings: 1 - 5
1: Early (vines completely dead)
5: Late (vigorous vine, some flowering)

Planted: 30-May-14
Vines Killed: 28-Aug-14
Days from Planting to Vine Kill: 90
Seed Spacing: 10" (whites, yellows, reds, and AF3362-1Rus); 12" (russets)
Fall Fumigation

⁵MAWN STATION: Gaylord
Planting to Vine Kill

2014 Freshpack Potato Variety Trial

VanDamme Farms, Delta County, MI

Harvest 7-Oct-14 129 Days

DD, Base 40⁵ 2682

LINE	CWT/A		PERCENT OF TOTAL ¹					TUBER QUALITY ²				TOTAL	VINE VIGOR ³	VINE MATURITY ⁴	COMMENTS	
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR	HH	VD	IBS					BC
Reba	637	660	96	4	47	49	0	1.080	0	0	0	0	10	4.0	3.5	
MSS176-1	573	629	91	2	69	22	7	1.077	0	0	0	0	10	4.5	4.5	
Red Norland	515	547	94	3	87	7	3	1.073	0	0	0	0	10	4.5	3.0	
W9133-1Rus	497	596	84	2	40	44	14	1.100	0	0	0	0	10	4.5	3.5	
MSS206-2	491	502	98	1	45	53	1	1.100	0	0	0	0	10	4.0	4.5	
AF4320-7Rus	465	531	88	2	43	45	10	1.085	0	0	0	0	10	4.0	3.5	
ATX91137-1Rus	452	516	88	7	47	41	5	1.077	0	0	0	0	10	3.0	4.0	
Silverton Russet	447	568	79	8	39	40	13	1.085	0	0	0	0	10	4.5	3.5	
MSQ131-A	433	440	99	0	38	61	1	1.078	0	0	0	0	10	4.5	4.0	
MSS576-5SPL	432	488	88	6	66	22	6	1.076	0	0	0	0	10	4.5	3.5	
Russet Norkotah LT	427	464	92	5	49	43	3	1.075	0	0	0	0	10	3.0	3.0	gc in pickouts
W6703-1Y (Oneida Gold)	422	442	96	1	90	6	3	1.080	0	0	0	0	10	4.0	3.0	
A03921-2Rus	409	497	82	12	50	32	6	1.078	0	0	0	0	10	3.0	5.0	
A06021-Trus	407	489	83	8	61	22	9	1.073	0	0	0	0	10	3.0	5.0	
MSM288-2Y	396	417	95	5	81	14	0	1.076	0	0	0	0	10	3.5	3.5	
W8152-1Rus	337	405	83	14	63	20	3	1.082	0	0	0	0	10	4.5	3.5	
W9433-1Rus	316	339	93	4	37	56	3	1.082	0	0	0	0	10	4.0	4.5	
AF4124-7Rus	311	436	71	12	37	34	17	1.085	0	0	0	0	10	4.5	4.5	
MSQ086-3	299	315	95	5	77	18	0	1.076	0	0	0	0	10	2.5	4.0	
CO05228-4R	283	331	86	9	82	4	5	1.085	0	0	0	0	10	2.5	3.5	
AF3362-1Rus	228	274	83	3	41	42	14	1.076	1	0	0	0	10	3.5	3.0	
Russet Norkotah	178	264	68	21	56	12	11	1.075	0	0	0	0	10	3.5	3.0	gc in pickouts
MEAN	407	461						1.081								

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

¹SIZE
 Bs: < 1 7/8" or <4oz.
 As: 1 7/8" - 3.25" or 4-10oz.
 OV: > 3.25" or >10oz.
 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: 10-Jul-14
 Ratings: 1 - 5
 1: Slow Emergence
 5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING
 Date Taken: 27-Aug-14
 Ratings: 1 - 5
 1: Early (vines completely dead)
 5: Late (vigorous vine, some)

Planted: 31-May-14
 Vines Killed: 15-Sep-14
 Days from Planting to Vine Kill: 107
 Seed Spacing: 12"
 No Fumigation

⁵MAWN STATION: Escanaba
 Planting to Vine Kill

2014 Russet Norkotah Tablestock Potato Variety Trial

Walther Farms, St. Joseph County, MI

Harvest 12-Sep-14 142 Days

DD, Base 40⁵ 3231

LINE	CWT/A		PERCENT OF TOTAL ¹					TUBER QUALITY ²				TOTAL CUT	VINE VIGOR ³	VINE MATURITY ⁴	COMMENTS	
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR	HH	VD	IBS					BC
ATX91137-1Rus	506	575	88	4	36	52	8	1.062	0	3	0	0	10	1.1	3.4	gc, misshapen tubers, 0.5 common scab
W9433-1Rus	386	418	93	5	44	49	2	1.073	0	2	1	0	10	1.3	3.9	0.5 common scab
Silverton Russet	386	441	88	8	48	40	4	1.065	0	3	0	0	10	1.6	3.9	alligator hide, slight gc
AF4320-7Rus	347	381	91	8	54	37	1	1.067	0	5	0	0	10	1.0	4.6	2.0 common scab
AF3362-1Rus	343	382	90	6	48	42	4	1.074	0	2	0	0	10	2.0	3.6	glassy end
Russet Norkotah	330	406	80	18	56	24	2	1.068	1	3	0	0	10	1.8	2.4	1.0 common scab, alligator hide, tr gc
W9133-1Rus	330	354	93	5	38	56	2	1.064	0	0	0	0	10	1.1	2.5	1.0 common scab, sl pinkeye, sl gc
Russet Norkotah L	320	349	92	7	49	43	1	1.064	2	5	0	0	10	1.0	4.1	1.0 common scab
W8152-1Rus	301	328	92	8	53	39	0	1.076	0	3	1	1	10	1.5	3.4	0.5 common scab
AF4124-7Rus	268	297	90	9	49	42	1	1.080	0	1	0	1	10	1.5	3.0	
A06021-Trus	246	281	88	12	52	36	0	1.075	1	1	0	1	10	1.1	3.0	gc
A03921-2Rus	208	261	79	16	50	29	5	1.078	0	2	3	0	10	1.0	2.9	1.0 common scab, gc
MEAN	331	373						1.071								

tr = trace, sl = slight, NA = not available
gc=growth crack

¹SIZE

Bs: < 4.0 oz.
As: 4.0 - 10.0 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

Date Taken: 28-May-14
Ratings: 1-5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING

Date Taken: 1-Aug-14
Ratings: 1 - 5
1: Early (vines completely dead)
5: Late (vigorous vine, some flowering)

Planted: 23-Apr-14
Vines Killed: 25-Aug-14
Days from Planting to Vine Kill: 124
Seed Spacing: 12"
Fumigation

⁵MAWN STATION: Constantine
Planting to Vine Kill

2014 Silverton Russet Tablestock Potato Variety Trial

Walther Farms, St. Joseph County, MI

Harvest 16-Oct-14 176 Days
DD, Base 40⁵ 3613

LINE	CWT/A		PERCENT OF TOTAL ¹					TUBER QUALITY ²					TOTAL CUT	VINE VIGOR ³	VINE MATURITY ⁴	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR	HH	VD	IBS	BC				
ATX91137-1Rus	530	620	84	6	34	50	9	1.059	0	3	0	0	10	1.8	3.5	
Silverton Russet	501	567	88	7	46	42	5	1.066	0	2	0	1	10	2.4	3.4	
W9433-1Rus	404	464	87	5	52	35	8	1.073	0	2	4	0	10	1.5	3.4	
AF3362-1Rus	378	432	87	4	49	39	8	1.072	0	3	1	0	10	2.1	3.4	
W9133-1Rus	301	339	89	9	75	14	2	1.065	1	0	0	0	10	1.4	2.0	0.5 common scab
Russet Norkotah LT	294	380	77	13	57	20	10	1.068	4	1	1	0	10	1.3	3.8	
A06021-TRus	290	341	85	9	62	23	6	1.078	1	1	1	1	10	1.1	2.5	gc and knobs in pickouts
A03921-2Rus	262	332	79	14	55	24	7	1.087	0	4	3	0	10	1.4	3.3	misshapen pickouts, tubular type, 1.0 common scab
MEAN	370	434						1.071								

tr = trace, sl = slight, NA = not available
SED = stem end defect, gc = growth crack

¹SIZE

Bs: < 4.0 oz.
As: 4.0 - 10.0 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

Date Taken: 28-May-14
Ratings: 1-5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING

Date Taken: 1-Aug-14
Ratings: 1 - 5
1: Early (vines completely dead)
5: Late (vigorous vine, some flowering)

Planted: 23-Apr-14
Vines Killed: 6-Sept-14
Days from Planting to Vine Kill: 136
Seed Spacing: 12"
Fumigation

⁵MAWN STATION: Constantine
Planting to Vine Kill

2014 Russet Pinkeye Variety Trial Walther Farms, St. Joseph County, MI

Harvest 18-Sep-14 148 Days
DD, Base 40¹ 3228

LINE	CWT/A		PERCENT OF TOTAL ²					TUBER QUALITY ³				VINE VIGOR ⁴	VINE MATURITY ⁵	PINK EYE ⁶	ALLIGATOR HIDE ⁷	COMMENTS	
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR	HH	VD	IBS	BC					
AF3362-1Rus*	607	754	80	4	45	35	16	1.077	0.0	0.0	0.0	0.0	2.0	4.0	0.0	1.5	misshapen and knobs in pickouts
Russet Norkotah*	563	630	89	8	62	27	3	1.069	0.0	1.0	1.0	0.0	2.0	2.5	0.0	1.5	1.0 common scab, misshapen pickouts
ATX91137-1Rus ***	468	560	84	5	44	40	11	1.062	0.0	0.7	0.3	0.0	1.0	4.5	0.0	1.0	misshapen and knobs in pickouts, dark russeted skin
AF4320-7Rus*	437	555	79	6	61	18	15	1.074	0.0	4.0	0.0	0.0	1.5	5.0	0.0	1.5	misshapen pickouts
Silverton Russet *	435	585	74	8	42	32	18	1.066	0.0	0.0	0.0	0.0	2.5	4.0	0.0	2.5	gc, misshapen and pear-shaped pickouts
W9433-1Rus**	425	509	83	7	49	34	10	1.073	0.0	0.5	0.0	0.0	1.5	3.3	0.0	1.8	misshapen and knobs in pickouts
Russet Norkotah LT*	425	526	81	5	44	37	14	1.068	2.0	1.0	0.0	0.0	1.0	4.0	1.0	3.5	misshapen and knobs in pickouts
AF4124-7Rus**	419	601	69	7	34	35	24	1.082	0.0	0.0	0.0	0.0	2.0	4.0	0.0	1.5	misshapen and knobs in pickouts
W8152-1Rus*	392	455	86	4	71	15	10	1.079	0.0	0.0	0.0	1.0	2.0	4.0	0.0	2.0	gc and misshapen in pickouts
A06021-TRus*	375	428	88	5	60	28	7	1.076	0.0	0.0	0.0	0.0	1.0	4.0	0.0	1.0	misshapen pickouts
A03921-2Rus**	360	504	71	7	35	36	22	1.085	2.0	2.0	1.0	0.0	1.5	4.0	0.0	1.8	misshapen, eyebrowing, knobs in pickouts
W9133-1Rus **	295	391	75	7	51	24	18	1.066	1.5	0.0	0.0	0.0	1.5	3.3	0.0	2.8	1.5 common scab, misshapen and knobs in pickouts
Mercury*	280	419	67	16	61	6	17	1.087	1.0	0.0	0.0	0.0	2.5	2.5	0.0	1.5	gc in pickouts
MEAN	421	532						1.074									

tr = trace, sl = slight, NA = not available
SED = stem end defect, gc = growth crack

²SIZE

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

³TUBER QUALITY (number of tubers per ten cut)

HH: Hollow Heart
VD: Vascular Discoloration
IBS: Internal Brown Spot
BC: Brown Center

⁴VINE VIGOR RATING

Date Taken: 28-May-14
Ratings: 1 - 5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

⁵VINE MATURITY RATING

Date Taken: 1-Aug-14
Ratings: 1 - 5
1: Early (vines completely dead)
5: Late (vigorous vine, some flowering)

Planted: 23-Apr-14
Vines Killed: 25-Aug-14
Days from Planting to Vine Kill: 124
Seed Spacing: 12"
No Fumigation

* indicates number of replications for each line

⁶PINKEYE RATING

0.0: No incidence of pink
2.0: Pink coloration, cracking of periderm
5.0: Large, pink, buffy areas

⁷ALLIGATOR HIDE RATING

0.0: No incidence of raised corky skin spots
2.0: Unmarketable corky skin
5.0: Multiple, large corky skin lesions, covering a significant amount of surface area of the tuber

¹MAWN STATION: Mendon
Planting to Vine Kill

2014 Michigan NFPT Trial- Added lines Walther Farms - St. Joseph County

Harvest: 20-Sep-14 142 Days
DD, Base 40⁵ 3260

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					
W9433-1Rus****	613	658	93	7	51	42	0	1.077	1	1	0	0	10	1.6	3.3	heat sprout, gc in pickouts	
AF3362-1 Rus***	570	607	94	4	31	63	2	1.073	0	1	0	0	10	2.0	3.7	1.5 common scab	
ATX91137-1Rus***	563	597	94	3	39	56	2	1.062	1	4	0	0	10	1.0	3.7	misshapen pickouts, alligator hide, gc in pickouts	
AF4320-7Rus**	536	602	89	7	35	53	5	1.069	1	2	0	0	10	1.0	5.0	1.0 common scab	
A03921-2Rus**	529	559	95	5	49	46	1	1.090	0	1	1	0	10	1.5	3.0		
Silverton Russet***	472	520	91	9	47	44	0	1.068	0	1	0	0	10	1.8	3.3	1.0 common scab, tr alligator hide	
W8152-1Rus**	458	497	92	7	52	40	1	1.079	1	1	0	0	10	2.0	3.0		
Russet Norkotah LT***	437	506	86	8	37	49	6	1.070	0	1	0	0	10	1.2	3.8	heavy netted skin	
A06021-Trus**	415	472	88	11	49	39	1	1.079	0	2	1	0	10	1.3	3.0		
W9133-1Rus*	384	440	87	13	50	38	0	1.071	0	1	1	0	10	1.5	3.5	0.5 common scab	
AF4124-7Rus****	377	439	85	9	47	38	6	1.080	0	1	0	0	10	1.6	3.1	0.5 common scab	
Russet Norkotah***	330	430	76	24	50	27	0	1.072	0	2	0	0	10	2.0	2.5	0.5 common scab	
MEAN	474	527						1.074									tr = trace, sl = slight, NA = not available SED=stem end defect, gc=growth crack

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
Date Taken: 28-May-14
Ratings: 1 - 5
1: Slow Emergence
5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING
Date Taken: 1-Aug-14
Ratings: 1 - 5
1: Early (Vines Completely Dead)
5: Late (vigorous vine, some flowering)

Planted: 23-Apr-14
Vines Killed: 25-Aug-14
Kill: 124
Seed Spacing: 12"
No fumigation

* Indicates number of replications

⁵MAWN STATION: Mendon
Planting to Vine Kill

2014 Michigan NFPT Trial- Select lines Walther Farms - St. Joseph County

Harvest 20-Sep-14 142 Days

DD, Base 40⁵ 3260

BREEDER MERIT	LINE	CWT/A		PERCENT OF TOTAL ¹					TUBER QUALITY ²				TOTAL CUT	VINE VIGOR ³	VINE MAT ⁴	COMMENTS	
		US# 1	Total	US#1	Bs	As	OV	PO	SP GR	HH	VD	IBS					BC
2	MN11026WB-07Rus	652	885	74	11	51	22	15	1.069	0	7	0	0	10	2.0	3.5	severe knobs and points in pickouts, tr alligator hide
2	AW07791-2Rus	614	771	80	8	42	38	13	1.078	0	2	0	0	10	2.0	3.5	
2	Dakota Trailblazer	585	654	89	11	54	36	0	1.088	0	0	2	0	10	1.5	4.5	2.0 common scab
2	A06914-3CRus	581	722	80	12	50	31	8	1.077	0	1	0	0	10	2.5	3.5	1.5 common scab
2	A03921-2Rus	580	615	94	4	53	42	2	1.092	0	1	1	0	10	1.5	2.5	1.0 common scab
2	CO05068-1Rus	560	630	89	10	52	37	1	1.087	1	0	0	0	10	2.0	4.0	tubular tuber type, gc in pickouts
2	MN09152BW-01Rus	518	704	74	10	74	0	17	1.075	0	4	0	0	10	1.0	3.5	
2	W6234-4Rus	513	546	94	6	53	41	0	1.075	0	2	0	0	10	2.0	2.5	
2	Premier Russet	507	652	78	10	45	33	13	1.080	3	2	0	0	10	2.5	3.0	misshapen pickouts
2	A03158-2TERus	492	532	92	8	54	39	0	1.078	0	2	0	0	10	1.5	2.5	tr bottalnecking
2	MN09107BB-01Rus	487	616	79	21	55	24	0	1.066	0	6	0	0	10	2.0	3.0	points in pickouts, tr alligator hide
2	W9519-1Rus	482	584	82	17	52	30	1	1.084	1	0	1	0	10	1.5	3.5	1.0 common scab
2	A06084-1TERus	479	576	83	14	48	35	3	1.076	0	1	0	0	10	2.5	3.0	bottlenecking, tubular tuber type, 1.0 common scab
2	Silverton Russet	477	510	94	5	34	60	1	1.066	0	0	0	0	10	2.0	3.0	1.0 common scab
2	CO05175-1Rus	438	495	88	12	51	37	0	1.075	0	2	0	0	10	1.5	3.5	0.5 common scab
2	A08014-11TERus	436	507	86	10	53	32	4	1.072	0	4	0	0	10	1.5	3.0	misshapen and knobs in pickouts
2	AF3001-6Rus (Easton)	435	486	90	9	56	33	1	1.072	0	2	0	0	10	2.5	3.5	
2	W8152-1Rus	420	466	90	8	44	46	2	1.079	0	2	0	0	10	2.0	3.0	1.5 common scab
2	CW08071-2Rus	418	516	81	17	59	22	2	1.072	0	3	0	0	10	1.5	3.0	
2	Russet Norkotah LT	413	483	85	5	31	54	9	1.069	0	2	0	0	10	1.5	3.5	1.5 common scab,
1	A06021-1TRus	413	479	86	14	57	29	0	1.083	0	0	1	0	10	1.0	2.5	
1	AC96052-1Rus	408	554	74	26	62	12	0	1.074	1	0	0	0	10	1.5	2.5	
1	WND8625-2Rus	400	502	80	16	46	34	5	1.072	0	5	0	0	10	1.5	3.0	2.0 common scab
2	AO06191-1Rus	395	432	92	8	33	58	0	1.079	0	0	0	0	10	1.0	3.5	3.0 common scab
2	AF4720-17Rus	370	392	94	6	80	14	0	1.085	0	0	0	0	10	2.5	2.5	
2	AW07049-2Rus	362	446	81	19	73	8	0	1.088	1	0	0	0	10	2.0	2.0	
2	AW07519-1Rus	361	529	68	26	46	22	5	1.075	0	2	0	0	10	1.5	3.5	misshapen pickouts

Continued on Next Page

BREEDER MERIT	LINE	CWT/A		PERCENT OF TOTAL ¹					SP GR	TUBER QUALITY ²				TOTAL CUT	VINE VIGOR ³	VINE MAT ⁴	COMMENTS
		US# 1	Total	US#1	Bs	As	OV	PO		HH	VD	IBS	BC				
2	AO02060-3Rus	357	406	88	12	59	29	0	1.076	1	3	0	0	10	1.5	2.5	
2	A07103-1TRus	346	469	74	23	45	29	3	1.079	1	0	0	0	10	2.0	2.5	gc, 2.0 common scab
2	AW07978-2Rus	340	378	90	7	64	26	2	1.080	0	0	0	0	10	1.5	3.5	
2	A08014-9TERus	328	426	77	23	64	13	0	1.073	0	1	0	0	10	2.0	2.0	
2	ND049546b-10Rus	317	356	89	9	29	60	2	1.074	0	1	0	0	10	1.0	3.0	heavy netted skin
2	AF4953-6Rus	294	382	77	8	38	39	15	1.079	0	1	0	0	10	1.5	3.0	knobs and misshapen pickouts, 0.0 common scab
2	Russet Norkotah	276	383	72	28	37	35	0	1.071	0	0	0	0	10	2.5	2.0	2.0 common scab
2	MN10053BW-01Rus	263	462	57	43	46	11	0	1.077	0	1	0	0	10	2.5	3.0	1.0 common scab
2	CO06057-2Rus	170	464	37	24	37	0	40	1.076	0	1	0	0	10	2.0	2.5	gc in pickouts, heavy netted skin
MEAN		430	528						1.077								

tr = trace, sl = slight, NA = not available
 SED= stem end defect, gc=growth crack

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

Date Taken: 28-May-14
 Ratings: 1 - 5
 1: Slow Emergence
 5: Early Emergence (vigorous vine, some flowering)

⁴VINE MATURITY RATING

Date Taken: 1-Aug-14
 Ratings: 1 - 5
 1: Early (Vines Completely Dead)
 5: Late (vigorous vine, some flowering)

Planted: 23-Apr-14
 Vines Killed: 25-Aug-14
 Days from Planting to Vine Kill: 124
 Seed Spacing: 12"
 No fumigation

⁵MAWN STATION: Mendon
 Planting to Vine kill