

2020 Potato Outreach Program On-Farm Variety Trials

Data Summary: Michigan Russet Variety Trials

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2020 Michigan Statewide Russet Potato Variety Trials Overall Averages- Eight Locations

LINE	CWT/A		PERCENT OF TOTAL ¹					RAW TUBER QUALITY ² (%)				COMMON	VINE	VINE	COMMENTS	
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR ²	HH	VD	IBS	BC	RATING ⁴	VIGOR ⁵		MATURITY ⁶
W9433-1RUS ^{abdegej}	495	575	86	7	62	24	7	1.077	5	6	6	0	1.2	3.3	3.4	light russet skin, uniform, blocky
Campagna ^{df}	490	663	74	9	67	7	17	1.072	17	5	0	0	0.2	3.6	2.8	med to dark russet skin, misshapen pos
A08433-4sto ^{abceg}	410	542	73	18	67	6	9	1.079	4	0	0	0	1.4	3.0	4.1	flattened oblong to long type, med russet skin
A11326-1 ^{degh}	410	504	81	14	71	10	5	1.089	60	1	0	0	2.0	3.5	4.3	light to med russet skin, blocky, misshapen and knobs
A11188-1 ^g	410	473	86	7	60	26	7	1.072	0	3	0	0	2.3	2.7	4.2	mod ah, oblong type, sig ah
Silverton Russet^{abdegej}	409	501	80	12	59	21	8	1.072	12	3	2	3	0.8	3.0	3.6	sl ah, oblong type, misshapen and knobs in pos
Reveille Russet ^{bdgej}	401	495	79	12	61	18	9	1.069	16	3	1	0	0.8	2.7	2.9	med russet skin, prominent eyes, knobs in pos
Plover Russet ^{abdegej}	395	465	79	17	56	23	4	1.067	4	0	2	0	2.1	3.1	2.7	med russet skin, mod pinkeye and ah
CO10085-1RUS ^{adg}	385	513	74	16	70	4	10	1.087	3	3	0	0	0.7	3.5	4.1	mod ah, sl flattened, oblong
COAF11018-10 ^{hi}	359	440	82	12	78	4	6	1.079	10	0	0	0	0.0	2.8	2.5	long, tubular, heavy russet, nice appearance
Goldrush ^{ij}	359	466	77	14	64	13	9	1.078	10	0	0	0	0.0	3.8	2.0	dark russet skin
SunSet Russet ^{abdegej}	358	454	76	11	59	17	13	1.074	36	6	3	0	1.8	3.0	3.0	dark russet skin, non uniform type, bottlenecking, knobs
A09086-1LB ^{abdeghj}	354	490	71	24	65	6	5	1.082	3	3	4	0	2.8	3.8	3.3	flat oblong type, marginal appearance
A11737-1LB ^g	348	461	75	18	74	1	7	1.083	0	0	0	0	1.7	2.8	3.5	mod ah, non uniform type, tubular
A09119-4LB ^g	341	408	83	12	75	8	5	1.086	0	10	3	0	1.7	3.7	3.5	non uniform type, light russet skin, sig ah
AOR07781-5 ^{abdegej}	335	439	74	13	62	12	13	1.083	11	0	0	2	0.0	4.5	2.8	dark russet skin, oblong, sl ah, deeper eyes
A10071-1 ^{degh}	332	448	71	22	65	6	7	1.078	1	0	0	0	2.4	4.3	3.0	dark russet skin, blocky, oblong, sl ah
Alverstone Russet ^{abcefgj}	329	516	63	31	61	2	6	1.082	0	4	0	0	2.5	3.8	3.4	light russet skin, bottlenecking, knobs in pos
Peribonka ^g	324	487	67	3	52	15	30	1.073	0	0	3	0	0.3	4.0	2.3	knobs, points, misshapen pos, tr ah
Russet Norkotah^{abdegej}	313	412	74	18	65	9	8	1.071	17	1	0	0	1.3	2.9	2.2	mod pink eye, heavy russet skin, blocky
Pacific Russet ^{abdegej}	312	390	78	19	70	8	3	1.059	0	4	0	0	2.8	3.2	1.7	oblong blocky type, attractive skin
AF5707-1 ^{hi}	311	459	68	27	65	3	5	1.076	10	0	0	0	2.3	3.5	3.3	oblong to long type
Vanguard ^{abcegej}	309	420	71	23	68	3	6	1.063	0	0	0	0	0.2	3.1	1.4	non uniform russet skin, sl ah, attractive size profile
W13027-46RUS ^{eg}	305	376	80	10	62	18	10	1.067	15	0	0	0	2.0	3.8	2.9	
MN13142-32 ^{abcefg}	293	459	62	32	61	1	6	1.084	18	1	0	0	0.8	2.3	2.5	long tubuar type, smooth shape, sl pink eye
CO09205-2RUS ^{abdegej}	292	426	65	24	61	4	11	1.074	25	0	0	1	1.3	3.0	2.7	med russet skin, uniform, bottlenecking in pos
A07769-4 ^{eg}	288	368	78	14	69	9	8	1.075	2	7	0	0	2.5	3.7	3.2	med russet skin, mod ah, oval to oblong, blocky
COTX15271-1RUS ^e	287	436	63	20	55	8	17	1.071	0	20	0	0	0.5	2.5	3.5	med rus, gc and misshapen pos
W14094-13RUS ^{ag}	285	381	75	15	61	14	10	1.074	2	3	3	2	0.2	2.5	2.7	attractive shape and appearance, blocky
W14002-2RUS ^{ag}	270	396	64	18	56	8	18	1.063	0	5	0	0	0.8	2.1	1.9	long type, knobs, bottlenecking, ah and gc
COOR9205-2RUS ^d	256	389	66	25	64	2	9	1.056	10	0	0	20	1.0	3.5	3.0	med russet skin, misshapen pos
AO06191-1 ^{abcegej}	252	324	76	14	58	18	10	1.076	23	2	0	1	0.1	2.2	2.7	dark russet skin, blocky, prominent eyes
Dakota Russet ^{fg}	245	315	76	18	68	8	6	1.082	8	0	0	0	1.5	2.0	3.2	mod ah, med russet skin, oblong blocky type
AOR11217-3 ^{abdegej}	243	375	64	29	59	5	7	1.081	9	5	3	0	0.9	3.2	2.2	heavy netted skin, long tubular type, sl ah, attractive
Russet Burbank^{hi}	232	444	49	38	47	2	13	1.071	0	0	0	5	2.5	3.3	3.8	tubular, bottlenecking and second growth in pos
Ranger Russet ^{gh}	209	396	50	41	50	0	9	1.083	0	10	0	0	3.0	3.1	3.4	tubular, med russet skin, mod knobs
A12114-7 ^{eh}	189	294	64	29	62	2	7	1.081	0	5	0	0	2.3	3.5	3.5	med russet skin, marginal appearance
CO99076-3RUS ^{abdegej}	144	309	45	38	40	5	17	1.067	3	1	2	0	0.4	2.6	2.3	knobs and gc in pos, tubular type, marginal appearance
Umatilla Russet ⁱ	142	287	50	37	50	0	13	1.078	0	0	0	0	0.5	2.0	2.0	heavy eyebrows, med russet
Clearwater Russet ^{fg}	119	274	44	50	43	1	6	1.081	0	5	0	0	0.8	1.4	2.9	smaller size profile, points and pears in pos
ATX13018-2RUS ⁱ	93	179	52	47	52	0	1	1.045	0	10	10	0	2.5	3.0	3.0	poor appearance
MEAN	308	426	70	21	61	9	9	1.075	8	3	1	1	1.3	3.1	3.0	

2020 RUSSET VARIETY TRIAL SITES

- ^aCrawford Farms
- ^bHorkey Farms
- ^cKitchen Farms Mini Bulk Trial
- ^dKitchen Farms Strip Trial
- ^eLennard Ag. Co.
- ^fMRC Box Bin
- ^gWalther Farms Norkotah Fertility Trial
- ^hWalther Farms NFPT Trial
- ⁱWalther Farms NFPT Add Ons Trial
- ^jVerbrigghe Farms

¹SIZE

Russets

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

⁶VINE MATURITY RATING

- Date: Variable
- Rating 1-5
- 1: Early (vines completely dead)
- 5: Late (vigorous vines, some flowering)

²SPECIFIC GRAVITY

Data not replicated

³RAW TUBER QUALITY

(percent of tubers out of 10)

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

⁴COMMON SCAB RATING

- 0.0: Complete absence of surface or pitted lesions
- 1.0: Presence of surface lesions
- 2.0: Pitted lesions on tubers, though coverage is low
- 3.0: Pitted lesions common on tubers
- 4.0: Pitted lesions severe on tubers
- 5.0: More than 50% of tuber surface area covered in pitted lesions

⁵VINE VIGOR RATING

- Date: Variable
- Rating 1-5
- 1: Slow emergence
- 5: Early emergence (vigorous vine, some flowering)

2020 Russet Potato Variety Trial

Crawford Farms

Planting: 6/4/20 Vine Kill: 9/10/20 Harvest: 10/15/20
GDD₄₀: 3169

LINE	CWT/A		PERCENT OF TOTAL ¹					SP GR ²	RAW TUBER QUALITY ³ (%)				COMMON	VINE	VINE	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO		HH	VD	IBS	BC	SCAB RATING ⁴	VIGOR ⁵	MATURITY ⁶	
CO10085-1RUS	381	497	77	13	71	6	10	1.085	0	0	0	0	0.5	2.5	3.5	nice size, flat, blocky, oblong, misshapen pos
Alverstone Russet	210	454	46	48	45	1	6	1.081	0	0	0	0	0.5	3.0	3.5	apical anthocyanin pigmentation, light russet, marginal appearance
W9433-1RUS	327	454	72	16	71	1	12	1.077	10	0	0	0	0.5	2.0	3.0	very light russet skin, large, blocky, generally uniform
A09086-1LB	221	407	54	42	54	0	4	1.086	0	0	0	0	2.5	2.5	2.0	flat oblong type, light russet skin
MN13142-32	91	394	23	67	23	0	10	1.088	10	0	0	0	0.0	1.5	3.0	long and tubular, consistent shape, nice skin
Pacific Russet	260	375	69	23	67	2	8	1.066	0	0	0	0	0.5	2.5	1.5	blocky, oval to oblong, inconsistent russet skin
A08433-4sto	195	375	52	31	52	0	17	1.085	0	0	0	0	1.5	1.5	3.5	med light skin type, oval, non uniform type, knobs in pos
AOR11217-3	58	358	16	79	16	0	5	1.085	0	0	0	0	1.0	2.0	2.0	med dark russet, small, oblong, aligator hide, flecking
CO09205-2RUS	146	340	43	46	42	1	11	1.072	20	0	0	0	1.0	2.0	2.5	nice med russet skin type, small size profile, uniform, misshapen pos
W14094-13RUS	234	333	70	25	69	1	5	1.072	0	0	0	0	0.0	2.0	2.0	uniform med russet type, attractive shape
Sunset Russet	193	329	59	14	49	10	27	1.082	0	10	0	0	0.0	1.0	2.5	misshapen, knobs, poor appearance, patchy russet skin
A10071-1	134	326	41	53	41	0	6	1.086	0	0	0	0	2.5	3.0	2.5	nice med russet, uniform type, oblong to long
AOR07781-5	146	293	50	23	47	3	27	1.087	0	0	0	0	0.0	3.0	2.5	sl ah, med heavy russetting, oblong type
W14002-2RUS	131	282	47	26	45	2	27	1.064	0	0	0	0	0.0	1.0	1.5	non uniform tuber type, tr gc, med russet skin, knobs in pickouts
CO99076-3RUS	57	263	22	60	22	0	18	1.071	0	0	0	0	0.5	2.0	1.5	sig ah, med dark russet skin, oblong to long, knobs and misshapen
AO06191-1	135	247	55	27	52	3	18	1.085	0	10	0	0	0.0	1.0	3.5	attractive dark skin and appearance, sl pinecones, prominent eyes
Russet Norkotah	137	243	56	37	56	0	7	1.075	40	0	0	0	2.0	1.0	2.0	nice russet skin
Plover Russet	85	190	44	53	44	0	3	1.075	0	0	0	0	2.5	1.0	1.5	light skin type, pinkeye, nonuniform tubers
Silverton Russet									0	0	0	0	0.5	1.0		
Vanguard									0	0	0	0	0.0	1.5	1.0	small, uniform, oblong
MEAN	175	342	50	38	48	2	12	1.079	4	1	0	0	0.8	1.9	2.4	

¹SIZE

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

²SPECIFIC GRAVITY

Data not replicated

³RAW TUBER QUALITY

(percent of tubers out of 10)
HH: Hollow Heart
VD: Vascular Discoloration
IBS: Internal Brown Spot
BC: Brown Center

⁴COMMON SCAB RATING

0.0: Complete absence of surface or pitted lesions
1.0: Presence of surface lesions
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3.0: Pitted lesions common on tubers
4.0: Pitted lesions severe on tubers
5.0: More than 50% of tuber surface area covered in pitted lesions

⁵VINE VIGOR RATING

Date: 7/9/20
Rating 1-5
1: Slow emergence
5: Early emergence (vigorous vine, some flowering)

⁶VINE MATURITY RATING

Date: 8/27/20
Rating 1-5
1: Early (vines completely dead)
5: Late (vigorous vines, some flowering)

FIELD DATA

Planting Date 6/4/20
Vine Kill Date 9/10/20
Harvest Date 10/15/20
Days (planting to vine kill) 98
Days (planting to harvest) 133
GDD₄₀ MAWN Station Entrican
GDD₄₀ (planting to vine kill) 3169
Seed Spacing 10"

2020 Russet Potato Variety Trial

Horkey Brothers

Planting: 4/26/20 Vine Kill: 8/20/20 Harvest: 9/17/20
GDD₄₀: 3229

LINE	CWT/A		PERCENT OF TOTAL ¹						RAW TUBER QUALITY ³ (%)				COMMON SCAB RATING ⁴	VINE VIGOR ⁵	VINE MATURITY ⁶	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR ²	HH	VD	IBS	BC				
Plover Russet	507	533	95	4	67	28	1	1.063	0	0	0	0	2.0	3.0	2.5	med russet skin, blocky type
W9433-1RUS	506	564	90	6	73	17	4	1.073	0	0	10	0	1.5	4.0	3.0	large blocky type, light russet skin
A08433-4sto	482	561	86	12	81	5	2	1.076	0	0	0	0	1.5	3.0	4.0	flat oblong type
Alverstone Russet	434	584	75	25	71	4	0	1.078	0	0	0	0	2.0	4.5	3.5	light russet skin type, oval to oblong type
Silverton Russet	405	488	83	12	64	19	5	1.069	10	0	0	0	1.0	3.5	3.5	slight ah, oblong to blocky type
AOR07781-5	390	474	83	11	68	15	6	1.080	0	0	0	0	0.0	4.5	3.5	heavy russet skin type, some deeper eyes
A09086-1LB	379	500	76	22	70	6	2	1.082	10	10	0	0	2.5	4.0	3.5	blotchy lighter russet skin type, poor appearance
Sunset Russet	340	414	82	11	61	21	7	1.076	30	0	0	0	1.5	3.5	3.0	heavy russet skin, non uniform type
Reveille Russet	329	416	79	13	71	8	8	1.056	0	0	0	0	0.5	2.5	2.5	med russett skin, knobs in pos
Pacific Russet	324	410	79	19	70	9	2	1.052	0	10	0	0	4.0	3.0	1.0	oblong and blocky
Vanguard	301	385	78	19	78	0	3	1.054	0	0	0	0	0.5	3.0	1.5	med russet skin, oblon to blocky, smaller size, tr gc in pos
MN13142-32	275	470	59	36	59	0	5	1.079	0	0	0	0	1.5	2.5	3.0	med russett skin, long type, misshapen pos
COOR9205-2RUS	256	389	66	25	64	2	9	1.056	10	0	0	20	1.0	3.5	3.0	med russet skin, misshapen pos
Russet Norkotah	250	366	68	29	68	0	3	1.065	0	0	0	0	1.5	3.5	2.0	severe pink eye, dark russet skin
AOR11217-3	209	340	61	34	60	1	5	1.063	0	10	20	0	1.0	3.5	2.0	heavy russet skin, long type
AO06191-1	137	194	71	22	71	0	7	1.061	0	0	0	0	0.5	2.5	2.0	dark russet type, small blocky to oblong type
CO99076-3RUS	93	232	40	45	40	0	15	1.060	0	0	0	0	0.5	2.5	2.5	sl ah, gc in pos, tubular to long type
MEAN	330	431	75	20	67	8	5	1.067	4	2	2	1	1.4	3.3	2.7	

¹SIZE

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

²SPECIFIC GRAVITY

Data not replicated

³RAW TUBER QUALITY

(percent of tubers out of 10)
HH: Hollow Heart
VD: Vascular Discoloration
IBS: Internal Brown Spot
BC: Brown Center

⁴COMMON SCAB RATING

0.0: Complete absence of surface or pitted lesions
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3.0: Pitted lesions common on tubers
4.0: Pitted lesions severe on tubers
5.0: More than 50% of tuber surface area covered in pitted lesions

⁵VINE VIGOR RATING

Date: 6/12/20
Rating 1-5
1: Slow emergence
5: Early emergence (vigorous vine, some flowering)

⁶VINE MATURITY RATING

Date: 8/10/20
Rating 1-5
1: Early (vines completely dead)
5: Late (vigorous vines, some flowering)

FIELD DATA

Planting Date 4/26/20
Vine Kill Date 8/20/20
Harvest Date 9/17/20
Days (planting to vine kill) 116
Days (planting to harvest) 144
GDD₄₀ MAWN Station Deerfield/Blissfield
GDD₄₀ (planting to vine kill) 3229
Seed Spacing 10"

2020 Russet Potato Variety Trial

Kitchen Farms

Planting: 5/16/20 Vine Kill: 8/20/20 Harvest: 10/16/20
GDD₄₀: 2731

LINE	CWT/A		PERCENT OF TOTAL ¹						RAW TUBER QUALITY ³ (%)				COMMON SCAB	VINE VIGOR ⁵	VINE MATURITY ⁶	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR ²	HH	VD	IBS	BC	RATING ⁴			
W9433-1RUS	652	713	92	5	80	12	3	1.075	0	0	0	0	2.5	3.5	3.5	lighter russet skin, longer blocky type
Plover Russet	608	674	90	8	62	28	2	1.067	10	0	0	0	1.0	4.0	3.0	med russet skin, uniform type
A10071-1	602	713	84	13	78	6	3	1.089	0	0	0	0	3.0	4.5	3.0	
Reveille Russet	535	601	89	7	68	21	4	1.067	0	0	0	0	0.0	3.0	2.5	attractive russet skin, tr misshapen tubers
CO10085-1RUS	519	646	80	10	74	6	10	1.090	10	0	0	0	0.5	3.5	4.0	mod ah, bottleneaking
AOR07781-5	505	565	89	6	69	20	5	1.087	10	0	0	0	0.0	5.0	2.5	prominent eyes, med rus skin
Campagna	502	679	73	9	65	8	18	1.074	30	10	0	0	0.0	3.5	2.5	med to dark russet skin, oblong type
Russet Norkotah	502	590	85	13	74	11	2	1.077	20	0	0	0	0.0	4.0	2.5	dark russet skin
Goldrush	477	602	80	12	73	7	8	1.069	20	0	0	0	0.0	3.5	2.0	dark russet skin
A09086-1LB	475	587	81	16	80	1	3	1.073	0	0	0	0	0.0	5.0	2.5	mod ah, very dark russet, tubular
Sunset Russet	469	529	88	11	77	11	1	1.076	60	0	0	0	1.5	4.5	4.0	oval blocky type, med russet skin
Silverton Russet	457	571	80	12	67	13	8	1.071	20	0	0	0	0.5	3.5	2.5	sl ah, some misshapen pos
CO09205-2RUS	451	554	81	14	77	4	5	1.073	30	0	0	0	0.0	3.5	2.5	dark russet skin, sl blocky tupe
A11326-1	408	523	78	16	74	4	6	1.098	90	0	0	0	1.0	4.5	4.5	lighter russet skin, non uniform russetting
AOR11217-3	315	445	71	24	70	1	5	1.080	20	0	0	0	0.0	4.0	3.0	long tubular type, dark russet skim
CO99076-3RUS	227	396	57	36	54	3	7	1.070	20	0	0	0	0.5	4.0	3.0	tubular type, dark russet skin, mod knobs
MEAN	481	587	81	13	71	10	6	1.077	21	1	0	0	0.7	4.0	3.0	

¹SIZE

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

²SPECIFIC GRAVITY

Data not replicated

³RAW TUBER QUALITY

(percent of tubers out of 10)
HH: Hollow Heart
VD: Vascular Discoloration
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5.0: More than 50% of tuber surface area covered in pitted lesions

⁵VINE VIGOR RATING

Date: 6/26/20
Rating 1-5
1: Slow emergence
5: Early emergence (vigorous vine, some flowering)

⁶VINE MATURITY RATING

Date: 8/21/20
Rating 1-5
1: Early (vines completely dead)
5: Late (vigorous vines, some flowering)

FIELD DATA

Planting Date 5/16/20
Vine Kill Date 8/27/20
Harvest Date 10/16/20
Days (planting to vine kill) 104
Days (planting to harvest) 153
GDD₄₀ MAWN Station Gaylord
GDD₄₀ (planting to vine kill) 2731
Seed Spacing 10"

2020 Mini Bulk Russet Potato Variety Trial

Kitchen Farms

Planting: 5/16/20 Vine Kill: 8/20/20 Harvest: 10/16/20
GDD₄₀: 2731

LINE	CWT/A		PERCENT OF TOTAL ¹						RAW TUBER QUALITY ³ (%)				COMMON SCAB	VINE	VINE	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR ²	HH	VD	IBS	BC	RATING ⁴	VIGOR ⁵	MATURITY ⁶	
A08433-4sto	435	580	75	21	69	6	4	1.077	20	0	0	0	0.0	4.0	3.5	variable type, medium russet skin
Vanguard	428	573	74	23	73	1	3	1.066	0	0	0	0	0.5	4.0	1.5	inconsistent russet skin finish, nice size profile
MN13142-32	403	573	70	26	70	0	4	1.093	30	0	0	0	0.0	3.0	3.0	nice appearance, smooth shape
Alverstone Russet	379	534	71	29	70	1	0	1.083	0	0	0	0	3.0	4.5	4.0	
AO06191-1	329	428	77	14	62	15	9	1.078	40	0	0	0	0.0	3.0	4.0	dark russet skin, severe ah and pinkeye
MEAN	395	538	73	23	69	5	4	1.079	18	0	0	0	0.7	3.7	3.2	

¹SIZE

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

²SPECIFIC GRAVITY

Data not replicated

³RAW TUBER QUALITY

(percent of tubers out of 10)
HH: Hollow Heart
VD: Vascular Discoloration
IBS: Internal Brown Spot
BC: Brown Center

⁴COMMON SCAB RATING

0.0: Complete absence of surface or pitted lesions
1.0: Presence of surface lesions
2.0: Pitted lesions on tubers, though coverage is low
3.0: Pitted lesions common on tubers
4.0: Pitted lesions severe on tubers
5.0: More than 50% of tuber surface area covered in pitted lesions

⁵VINE VIGOR RATING

Date: 6/26/20
Rating 1-5
1: Slow emergence
5: Early emergence (vigorous vine, some flowering)

⁶VINE MATURITY RATING

Date: 8/21/20
Rating 1-5
1: Early (vines completely dead)
5: Late (vigorous vines, some flowering)

FIELD DATA

Planting Date 5/16/20
Vine Kill Date 8/27/20
Harvest Date 10/16/20
Days (planting to vine kill) 104
Days (planting to harvest) 153
GDD₄₀ MAWN Station Gaylord
GDD₄₀ (planting to vine kill) 2731
Seed Spacing 10"

2020 Russet Potato Variety Trial

Lennard Ag. Co.

Planting: 5/1/20 Vine Kill: 8/31/20 Harvest: 9/16/20
GDD₄₀: 3570

LINE	CWT/A		PERCENT OF TOTAL ¹						RAW TUBER QUALITY ³ (%)				COMMON SCAB RATING ⁴	VINE VIGOR ⁵	VINE MATURITY ⁶	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR ²	HH	VD	IBS	BC				
W9433-1RUS	706	814	87	5	46	41	8	1.070	10	10	10	0	0.5	4.0	3.0	acceptable appearance, oblong blocky type
Plover Russet	569	630	91	6	48	43	3	1.059	10	0	10	0	3.0	3.5	3.0	oblong blocky type
A11326-1	515	638	81	11	71	10	8	1.077	70	0	0	0	2.5	3.0	4.0	mod ah, mod skinning, mishapen and knobby pos
A08433-4sto	486	627	77	8	64	13	15	1.074	0	0	0	0	2.5	3.5	5.0	med to dark rus skin, knobs in pos
A09086-1LB	454	620	74	8	65	9	18	1.080	0	0	0	0	4.0	3.5	3.0	poor general appearance
Sunset Russet	410	525	79	8	46	33	13	1.063	0	20	10	0	2.0	2.0	3.5	dark rus skin, oblong blocky type, knobs in pos
MN13142-32	400	516	77	16	73	4	7	1.074	40	0	0	0	0.5	2.5	2.0	heavy russet skin, sl pink eye
Silverton Russet	398	500	80	6	45	35	14	1.062	40	10	0	10	1.5	4.0	4.0	large type, sl ah, knobs in pos
Alverstone Russet	385	667	58	25	53	5	17	1.078	0	20	0	0	3.5	4.0	3.5	poor general app, knobs in pos
Pacific Russet	366	420	87	11	84	3	2	1.056	0	10	0	0	3.0	4.0	3.5	med rus skin, nice size profile
AOR07781-5	349	466	75	14	64	11	11	1.074	40	0	0	10	0.0	5.0	2.5	long non uniform type, dark russet skin
Reveille Russet	343	436	79	12	47	32	9	1.072	80	10	0	0	2.5	3.0	3.0	med to dark russet skin
AO06191-1	298	389	77	6	45	32	17	1.073	70	0	0	0	0.0	2.5	1.5	oblong to long blocky type, poor appearance
Russet Norkotah	282	364	78	13	63	15	9	1.062	20	0	0	0	2.0	3.0	2.0	heavy dark russet skin, mod pink eye
COTX15271-1RUS	254	402	63	20	55	8	17	1.071	0	20	0	0	0.5	2.5	3.5	med rus, gc and misshapen pos
A10071-1	248	313	79	17	70	9	4	1.059	0	0	0	0	3.0	5.0	4.0	dark russet skin, blocky oblong to long type
W13027-46RUS	246	323	76	14	65	11	10	1.064	0	0	0	0	2.5	4.0	3.5	severe pinkeye, ah, and gc
AOR11217-3	245	318	77	8	64	13	15	1.080	30	10	0	0	2.0	3.5	2.0	med rus skin, bottleneaking in pos
Vanguard	235	318	73	17	70	3	10	1.057	0	0	0	0	0.0	3.0	2.0	non uniform type
A07769-4	215	317	68	22	62	6	10	1.069	0	0	0	0	3.0	4.0	3.5	med rus skin, marginal appearance
A12114-7	189	312	60	30	57	3	10	1.079	0	10	0	0	2.5	4.0	4.0	non uniform type, poor appearance
CO09205-2RUS	162	303	53	20	47	6	27	1.064	50	0	0	0	3.0	3.0	3.0	long tubular type, bottleneaking in pos, poor appearance
CO99076-3RUS	117	292	40	31	39	1	29	1.058	0	0	0	0	0.0	2.5	1.5	poor appearance
ATX13018-2RUS	93	179	52	47	52	0	1	1.045	0	10	10	0	2.5	3.0	3.0	poor appearance
MEAN	332	445	73	16	58	14	12	1.068	19	5	2	1	1.9	3.4	3.1	

¹SIZE

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

²SPECIFIC GRAVITY

Data not replicated

³RAW TUBER QUALITY

(percent of tubers out of 10)
HH: Hollow Heart
VD: Vascular Discoloration
IBS: Internal Brown Spot
BC: Brown Center

⁴COMMON SCAB RATING

0.0: Complete absence of surface or pitted lesions
1.0: Presence of surface lesions
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3.0: Pitted lesions common on tubers
4.0: Pitted lesions severe on tubers
5.0: More than 50% of tuber surface area covered in pitted lesions

⁵VINE VIGOR RATING

Date: 8/18/20
Rating 1-5
1: Slow emergence
5: Early emergence (vigorous vine, some flowering)

⁶VINE MATURITY RATING

Date: 6/18/20
Rating 1-5
1: Early (vines completely dead)
5: Late (vigorous vines, some flowering)

FIELD DATA

Planting Date 5/1/2020
Vine Kill Date 8/31/2020
Harvest Date 9/16/2020
Days (planting to vine kill) 122
Days (planting to harvest) 138
GDD₄₀ MAWN Station Constantine
GDD₄₀ (planting to vine kill) 3570
Seed Spacing 10"

2020 Russet Processing Potato Variety Trial

Montcalm Research Center

Planting: 5/7/20 Vine Kill: 8/31/20 Harvest: 9/21/20 and 9/22/20

GDD₄₀: 3335

LINE	CWT/A		PERCENT OF TOTAL ¹					RAW TUBER QUALITY ³ (%)				COMMON SCAB	VINE	VINE	COMMENTS	
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR ²	HH	VD	IBS	BC	RATING ⁴	VIGOR ⁵		MATURITY ⁶
Alverstone Russet	250	387	64	34	62	2	2	1.076	0	0	0	0	3.5	2.5	2.5	light russet skin
MN13142-32	220	360	61	34	61	0	5	1.086	0	0	0	0	2.0	1.5	1.0	long, tubular
Sunset Russet	190	310	61	22	60	1	17	1.072	70	0	0	0	3.5	3.0	1.0	bottlenecking
AOR11217-3	181	298	61	31	59	2	8	1.077	0	0	0	0	0.5	2.5	1.5	very uniform, heavy netted skin, possible scab resistance
Pacific Russet	148	244	61	38	60	1	1	1.047	0	0	0	0	4.0	2.5	1.5	nice russet skin, smaller type
Dakota Russet	145	226	64	31	64	0	5	1.082	10	0	0	0	2.0	1.5	2.5	mod ah
Umatilla Russet	142	287	50	37	50	0	13	1.078	0	0	0	0	0.5	2.0	2.0	heavy eyebrows, med russet
Clearwater Russet	102	249	41	56	41	0	3	1.079	0	0	0	0	1.0	1.0	1.0	nice med russet type
Russet Burbank	97	250	39	52	36	3	9	1.066	0	0	0	10	3.0	3.0	3.0	tubular, misshapen
Ranger Russet	84	247	34	56	34	0	10	1.079	0	0	0	0	3.5	3.0	3.5	tubular
MEAN	156	286	54	39	53	1	7	1.074	8	0	0	1	2.4	2.3	2.0	

¹**SIZE**

Russets

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

⁶**VINE MATURITY RATING**

Date: 8/31/20
Rating 1-5
1: Early (vines completely dead)
5: Late (vigorous vines, some flowering)

²**SPECIFIC GRAVITY**

Data not replicated

³**RAW TUBER QUALITY**

(percent of tubers out of 10)

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⁴**COMMON SCAB RATING**

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⁵**VINE VIGOR RATING**

Date: 6/18/20
Rating 1-5
1: Slow emergence
5: Early emergence (vigorous vine, some flowering)

FIELD DATA

Planting Date 5/7/20
Vine Kill Date 8/31/20
Harvest Date 9/21/20 and 9/22/20
Days (planting to vine kill) 116
Days (planting to harvest) 137
GDD₄₀ MAWN Station Entrican
GDD₄₀ (planting to vine kill) 3335
Seed Spacing 10"

2020 Russet Potato Variety Trial

Verbrigghe Potato Farms

Planting: 5/29/20 Vine Kill: //20 Harvest: 10/9/20

GDD₄₀:

LINE	CWT/A		PERCENT OF TOTAL ¹					RAW TUBER QUALITY ³ (%)				VINE	COMMENTS	
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR ²	HH	VD	IBS	BC		VIGOR ⁴
W9433-1RUS	423	475	89	9	47	42	2	1.092	10	10	10	0	3.0	
Alverstone Russet	391	483	81	19	81	0	0	1.094	0	0	0	0	4.0	
Reveille	320	426	75	21	68	7	4	1.084	0	0	0	0	2.5	attractive tuber type
Silverton Russet	303	356	85	14	55	30	1	1.089	0	0	0	0	3.0	heavy netting
AOR07781-5	299	421	71	15	56	15	14	1.090	0	0	0	0	4.5	knobs, deep eyes
CO09205-2RUS	293	385	76	23	69	7	1	1.085	0	0	0	0	3.5	attractive tuber type
AOR11217-3	290	377	77	16	69	8	7	1.098	10	0	0	0	3.0	
Russet Norkotah	284	417	68	15	64	4	17	1.077	0	0	0	0	3.0	gc, knobs
Pacific Russet	279	349	80	20	64	16	1	1.076	0	0	0	0	4.0	attractive tuber type
AO06191-1	272	306	89	10	63	26	1	1.088	0	0	0	0	2.0	rough, dark skin
Plover Russet	271	357	76	17	60	16	7	1.074	0	0	0	0	4.0	skinning, deep eyes
Goldrush	240	329	73	18	55	18	10	1.086	0	0	0	0	4.0	attractive tuber type
A09086-1LB	231	335	69	31	57	12	0	1.078	0	0	30	0	4.0	attractive tuber type
CO99076-3RUS	205	302	68	22	44	24	10	1.075	0	0	10	0	2.0	attractive tuber type
Vanguard	140	285	49	46	47	2	5	1.075	0	0	0	0	4.0	attractive tuber type
MEAN	283	374	75	20	60	15	5	1.084	1	1	3	0	3.4	

¹SIZE

Russets
 Bs: < 4 oz
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²SPECIFIC GRAVITY

Data not replicated

³RAW TUBER QUALITY

(percent of tubers out of 10)
 HH: Hollow Heart
 VD: Vascular Discoloration
 IBS: Internal Brown Spot
 BC: Brown Center

⁴VINE VIGOR RATING

Date:
 Rating 1-5
 1: Slow emergence
 5: Early

FIELD DATA

Planting Date: 5/29/20
 Vine Kill Date:
 Harvest Date: 10/9/20
 Days (planting to vine kill)
 Days (planting to harvest): 134
 GDD₄₀ MAWN Station: Escanaba
 GDD₄₀ (planting to vine kill)
 Seed Spacing: 10"

2020 Russet Potato Variety Trial

NFPT and Added Lines

Planting: 5/8/20 Vine Kill: 8/26/20 Harvest: 9/29/20

GDD₄₀: 3319

LINE	CWT/A		PERCENT OF TOTAL ¹						RAW TUBER QUALITY ³ (%)				COMMON	VINE	VINE	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR ²	HH	VD	IBS	BC	RATING ⁴	VIGOR ⁵	MATURITY ⁶	
AF5736-16	514	560	92	5	71	21	3	1.090	20	40	0	0	1.0	3.0	4.5	med to heavy russet, blocky, oblong, nice appearance
A12305-2adg	510	584	87	4	61	26	9	1.077	0	0	0	0	2.0	3.0	3.0	long, tubular, dark russet skin
CO11009-3RUS	493	530	93	6	88	5	1	1.088	60	0	0	0	2.0	4.0	2.0	
A12327-5VR	476	588	81	11	67	14	8	1.082	0	0	0	0	0.5	3.5	4.0	heavy russet skin, oval to oblong type
AFA5661-8	473	533	89	8	69	20	3	1.079	0	70	0	0	2.5	3.0	5.0	med russet skin, sticky stolons, ah
ND14110B-3RUS	470	560	84	13	73	11	3	1.079	0	0	0	0	3.0	3.5	3.0	oval to oblong, med russet skin, flat, blocky
AF5731-11	453	522	88	4	80	8	8	1.098	0	10	0	0	1.5	2.5	2.0	med russet skin, blocky, oblong
AF5770-7	450	530	85	9	67	18	6	1.086	0	0	0	10	2.0	3.0	4.5	mod ah, points, pears, less uniform
W13A11229-1RUS	440	539	82	14	82	0	4	1.087	0	0	0	0	0.5	3.0	3.0	
AAF10596-1	410	514	80	14	73	7	6	1.080	0	0	0	0	3.5	4.0	3.0	long, tubular, poor appearance, severe pitted scab
CO12246-1RUS	403	497	81	16	73	8	3	1.073	0	20	40	0	1.0	4.0	4.0	med russet skin, nice appearance
A12076-4sto	393	489	81	16	77	4	3	1.093	0	0	20	0	1.5	4.0	3.5	med russet skin, oblong type, sl ah
COAF11018-10	385	455	84	13	78	6	3	1.082	10	0	0	0	0.0	3.0	2.5	long, tubular, heavy russet, nice appearance
A10508-2LB	378	445	85	4	65	20	11	1.078	40	0	0	0	0.0	3.5	1.5	mod ah, knobs in pos
ND1412Y-5RUS	373	465	81	9	66	15	10	1.081	0	10	0	0	3.0	3.0	2.5	lt russet skin, blocky, poor appearance
Russet Burbank	367	638	57	26	57	0	17	1.075	0	0	0	0	2.0	3.5	4.5	mod bottlenecking
A13038-3	364	460	79	8	69	10	13	1.079	20	0	0	0	2.0	2.0	5.0	tubular, knobs, eyebrows, mod ah
A10020-3sto	360	502	72	22	68	4	6	1.088	0	20	0	0	2.0	2.5	1.5	heavy russet skin, long type, mod eyebrows
AOR13064-2	357	443	81	11	69	12	8	1.080	0	10	0	0	3.0	3.5	3.0	med russet skin, oblong blocky tubers
AOR10129-1	351	459	77	20	71	6	3	1.083	0	0	0	0	2.5	4.0	3.5	oblong, med russet skin
AF5711-2	348	427	82	8	46	36	10	1.080	0	0	0	0	2.5	3.0	3.0	blocky, oblong, misshapen and knobby pos
AF5741-6	346	415	83	14	76	7	3	1.061	0	20	0	0	2.0	4.0	4.0	lt russet skin, marginal appearance
A09136-9LB	344	455	75	14	68	7	11	1.087	20	0	10	0	3.0	4.5	3.0	med russet skin, misshapen pos
A12304-1sto	333	522	64	33	64	0	3	1.087	0	0	0	0	1.5	3.5	2.0	smaller flat oblong type, uniform appearance
A11326-1	333	400	83	15	70	13	2	1.088	50	0	0	0	2.5	3.0	4.0	lt russet skin, blocky, oblong, marginal appearance
NDAF113476CB-3	325	423	77	12	67	10	11	1.087	0	10	0	0	0.0	3.5	2.0	heavy russet skin, blocky, less uniform, tr pinkeye
A12308-4VR	324	440	74	18	69	5	8	1.083	0	0	0	0	1.0	3.0	4.0	flat oblong, med russet skin
AF5707-1	322	450	71	26	69	2	3	1.078	10	0	0	0	2.5	3.5	2.5	blocky oblong to long type, med russet
A13036-1	301	366	82	11	54	28	7	1.080	20	40	0	0	0.0	4.0	4.5	flattened oval to blocky type
AOR10654-11	287	370	77	10	62	15	13	1.083	10	20	0	0	2.0	4.0	5.0	med russet skin, knobs and gc in pos
ND13213B-1RUS	284	422	67	27	67	0	6	1.067	0	10	0	0	2.0	2.5	3.5	long type, bottlenecking, sl gc
A09086-1LB	283	456	62	34	57	5	4	1.084	10	10	0	0	4.0	3.5	4.5	lt russet skin
A10071-1	282	391	73	19	67	6	8	1.078	0	0	0	0	2.0	4.0	2.0	dark russet skin, oblong, eyebrows, knobs, points
Ranger Russet	278	482	58	31	58	0	11	1.083	0	20	0	0	3.0	3.0	2.5	tubular, knobs, bottlenecking
AF5735-8	273	394	69	20	63	6	11	1.069	0	0	0	0	2.0	3.0	3.0	long and tubular, less uniform
A10007-3	268	321	83	11	58	25	6	1.064	0	20	0	0	2.0	3.0	4.0	blocky, tubular, med russet skin
AOR11027-4	263	392	67	10	54	13	23	1.090	10	0	10	0	0.0	4.0	3.0	blocky oblong type, darker skin
A12115-16sto	260	591	44	51	44	0	5	1.072	0	30	0	0	3.5	4.0	5.0	long, tubular, light russet skin
CO12378-1RUS	255	381	67	25	64	3	8	1.081	80	10	0	0	0.0	4.5	3.5	sl ah, dark russet skin, less uniform
A12314-1sto	253	352	72	17	63	9	11	1.079	0	0	0	0	2.0	3.0	2.5	mod ah, tubular, med skin
CO12152-1RUS	243	389	62	38	62	0	0	1.090	0	0	10	0	1.5	2.5	3.0	sl ah
AF5750-16	242	501	48	35	48	0	17	1.080	0	0	0	0	2.0	3.5	3.0	long type, med russet, bottlenecking and points
A09022-4	212	318	66	30	66	0	4	1.075	0	20	0	0	2.0	4.0	4.0	apical anthocyanin pigmentation, lt russet skin
A08292-1LB	201	413	49	37	49	0	14	1.083	0	0	0	0	1.0	2.5	3.5	med russet skin, bottlenecking, points
A12304-4sto	193	407	47	31	43	4	22	1.072	0	10	0	0	2.0	3.5	3.5	long tubular type, light russet skin, knobs
A12114-7	179	265	67	29	67	0	4	1.082	0	0	0	0	2.0	3.0	3.0	small, med russet skin, marginal
AOR10093-11	147	302	48	35	48	0	17	1.076	0	0	0	0	0.0	3.0	3.5	ah, apical gc
A10635-2VR	78	368	21	63	21	0	16	1.078	0	0	0	0	2.5	3.0	4.5	tubular, small size, bottlenecking

WAF13027-2*	450	514	88	7	82	6	5	1.070	0	0	0	0	0.5	4.0	4.0	dark russet skin, blocky type, attractive appearance
AF6073-5*	389	546	71	27	64	7	2	1.074	0	0	20	0	3.0	4.0	3.0	pinkeye and prominent eyes
AF6086-7*	387	506	76	20	72	4	4	1.080	70	0	0	0	2.0	3.0	3.0	med russet skin, oblong, inconsistent shape, eyebrows
COAF13066-1*	361	488	74	13	67	7	13	1.089	0	10	0	0	0.0	3.0	4.5	flat blocky type, med russet skin, deeper eyes
COAF11018-10*	333	425	78	13	77	1	9	1.077	10	0	0	0	0.0	2.5	2.5	sl ah
AF5707-1*	299	467	65	28	61	4	7	1.074	10	0	0	0	2.0	3.5	4.0	flat, oblong, dark russet skin
MEAN	335	457	73	19	65	8	8	1.080	8	8	2	0	1.7	3.4	3.4	

1 SIZE

Russets

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

2 SPECIFIC GRAVITY

Data not replicated

3 RAW TUBER QUALITY

(percent of tubers out of 10)

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

4 COMMON SCAB RATING

0.0: Complete absence of surface or pitted lesions
1.0: Presence of surface lesions
2.0: Pitted lesions on tubers, though coverage is low
3.0: Pitted lesions common on tubers
4.0: Pitted lesions severe on tubers
5.0: More than 50% of tuber surface area covered in pitted lesions

5 VINE VIGOR RATING

Date: 6/18/20
Rating 1-5
1: Slow emergence
5: Early emergence (vigorous vine, some flowering)

6 VINE MATURITY RATING

Date: 8/18/20
Rating 1-5
1: Early (vines completely dead)
5: Late (vigorous vines, some flowering)

FIELD DATA

Planting Date 5/8/20
Vine Kill Date 8/26/20
Harvest Date 9/29/20
Days (planting to vine kill) 110
Days (planting to harvest) 145
GDD₄₀ MAWN Station Constantine
GDD₄₀ (planting to vine kill) 3319
Seed Spacing 10"

* Denotes NFPT Add On variety

2020 Replicated Russet Potato Variety Trial

Walther Norkotah

Planting: 5/8/20 Vine Kill: 8/26/20 Harvest: 9/29/20

GDD₄₀: 3319

LINE	CWT/A		PERCENT OF TOTAL ¹					RAW TUBER QUALITY ⁴ (%)					COMMON SCAB RATING ⁵	VINE VIGOR ⁷	VINE MATURITY ⁸	COMMENTS
	US#1	TOTAL	US#1	Bs	As	OV	PO	SP GR ²	HH	VD	IBS	BC				
Pacific Russet	480	526	91	6	73	18	3	1.059	0	3	0	0	2.5	3.3	1.2	blocky, oblong, med russet, deeper eyes
Campagna	478	648	74	10	69	5	16	1.069	3	0	0	0	0.3	3.7	3.0	med russet skin, non uniform type, misshapen pos
Vanguard	429	528	81	8	72	9	11	1.063	0	0	0	0	0.2	3.0	1.2	sl ah, med russet skin, attractive appearance
A11188-1	410	473	86	7	60	26	7	1.072	0	3	0	0	2.3	2.7	4.2	mod ah, oblong type, sig ah
W14002-2RUS	409	509	80	13	67	13	8	1.062	0	10	0	0	1.5	3.2	2.3	long blocky type, sl points, ah
CO09205-2RUS	388	528	73	18	69	4	9	1.075	23	0	0	7	1.3	2.8	2.8	variable shape, med russet skin
A09086-1LB	378	469	81	18	75	6	1	1.090	0	0	0	0	3.7	3.8	4.2	marginal appearance
A08433-4sto	373	485	77	18	69	8	5	1.081	0	0	0	0	1.3	3.0	4.7	sl ah, flat, onlong to long type
Russet Norkotah	372	438	85	7	62	23	8	1.072	23	3	0	0	1.0	2.7	2.5	misshapen pos, blocky, heavy russet skin
SunSet Russet	371	445	84	6	59	25	10	1.078	57	7	7	0	2.3	3.7	4.2	non uniform type, sl ah
A10071-1	365	469	78	9	68	10	13	1.076	3	0	0	0	1.7	5.0	3.7	dark russet skin, uniform size profile, sl ah
AOR11217-3	364	451	81	12	74	7	7	1.081	0	17	0	0	0.8	4.0	2.5	mod ah, pointed ends, tubular
W9433-1RUS	353	427	82	8	52	30	10	1.076	0	17	3	0	1.0	3.2	4.7	light russet skin, tr points
A11737-1LB	348	461	75	18	74	1	7	1.083	0	0	0	0	1.7	2.8	3.5	mod ah, non uniform type, tubular
Dakota Russet	346	405	86	7	71	15	7	1.082	7	0	0	0	1.0	2.5	3.8	medium russet skin, oblong blocky type
MN13142-32	346	419	82	15	79	3	3	1.087	27	3	0	0	0.7	2.5	2.7	attractive type and appearance, med russet skin
A07769-4	341	399	86	8	75	11	6	1.081	3	13	0	0	2.0	3.3	2.8	oval to oblong, blocky, med russet skin, mod ah
A09119-4LB	341	408	83	12	75	8	5	1.086	0	10	3	0	1.7	3.7	3.5	non uniform type, light russet skin, sig ah
Reveille Russet	339	456	74	8	51	23	18	1.067	0	7	3	0	0.3	2.5	3.7	prominent eyes, tr ah, knobs, dark russet skin
W14094-13RUS	337	428	79	7	52	27	14	1.077	3	7	7	3	0.3	3.0	3.3	sl ah, med russet skin, blocky, attractive appearance
W13027-46RUS	328	394	83	6	58	25	10	1.069	30	0	0	0	1.5	3.5	2.3	long type, sl ah, knobs, bottlenecking
Plover Russet	328	404	81	9	57	24	10	1.067	3	0	0	0	2.0	3.0	3.5	med russet skin, mod pinkeye and ah
Peribonka	324	487	67	3	52	15	30	1.073	0	0	3	0	0.3	4.0	2.3	knobs, points, misshapen pos, tr ah
A11326-1	319	392	81	14	67	14	5	1.092	30	3	0	0	1.8	3.3	4.5	oblong blocky type, med russet skin, sl ah
Silverton Russet	306	413	74	15	65	9	11	1.071	3	10	13	7	0.5	3.2	4.3	oblong type, med russet skin, sl pinkeye
AOR07781-5	273	363	75	11	65	10	14	1.081	17	0	0	0	0.0	4.8	3.0	dark russet skin, prominent eyes, tr ah
Ranger Russet	266	459	58	36	58	0	6	1.086	0	10	0	0	2.5	3.2	4.3	tubular, med russet skin
CO10085-1RUS	256	395	65	24	64	1	11	1.086	0	10	0	0	1.0	4.5	4.8	mod ah, medium russet, misshapen pos
Alverstone Russet	226	476	47	38	46	1	15	1.084	0	10	0	0	2.3	3.8	3.5	light russet skin, bottlenecking, mod ah
AO06191-1	217	255	85	8	54	31	7	1.071	30	0	0	3	0.0	2.2	2.7	dark russet skin, blocky, tr ah
CO99076-3RUS	162	368	44	31	43	1	25	1.065	0	7	0	0	0.3	2.5	3.2	tubular, knobs and gc in pos
Clearwater Russet	136	300	45	46	44	1	9	1.083	0	10	0	0	0.5	1.8	4.8	smaller size profile, non uniform, points and pears in pos
MEAN	335	440	76	14	63	13	10	1.076	8	5	1	1	1.3	3.3	3.4	

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(percent of tubers out of 10)
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2020 Russet Potatoes Bulk Planting Test Digs

LINE	CWT/A		PERCENT OF TOTAL ¹				SP GR ²	Stand Count	Stem Count	Bs	As	OV	PO	Total Tubers	Tubers per Plant	Tubers per Stem	Average Tuber Weight	RAW TUBER QUALITY ³ (%)				
	US#1	TOTAL	US#1	Bs	As	OV												PO	HH	VD	IBS	BC
Vanguard Lennard Ag. Co.	209	297	71	19	60	11	11	1.061	14	42	29	28	3	12	72	5.1	1.7	4.3	0	0	0	0
Vanguard Crawford Farms	151	302	50	48	50	0	2	1.070	10	43	65	29	0	3	97	9.7	2.3	3.3	0	0	0	0
MEAN	180	300	61	34	55	6	7	1.066	12	43	47	29	2	8	85	7.4	2.0	3.8	0	0	0	0

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As: 1 7/8" - 3 1/4"

OV: > 3 1/4"

PO: Pickouts

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