Reveille Russet (ATX91137-1RUS)

Pedigree: Bannock Russet (A81473-2) x A83343-12

Developers: crossed by USDA-ARS Aberdeen Idaho Potato Breeding, selected by Texas A&M

Plant Variety Protection: Yes

MORPHOLOGY

Plant: Medium size, erect vines, white flowers

Tubers: Oblong and more blocky than Russet Norkotah; russet skin with white flesh; shallow eyes

AGRONOMICS

Maturity: Early to Medium Yield Potential (US#1) cwt/A*: 505 (355 - 739)

Utilization: fresh market

Specific Gravity*: 1.064 (1.055 - 1.077)

Seed Spacing: 8-9"

Dormancy: Medium to late

Strengths: Low incidence of hollow heart, growth crack, second growth, and shatter bruise; Resistant to common scab, brown center, hollow heart, and pinkeye

Weaknesses: Susceptible to *verticillium* wilt, late blight, and root knot nematode; expresses susceptibility to PVY and bacterial ring rot

UTILIZATION

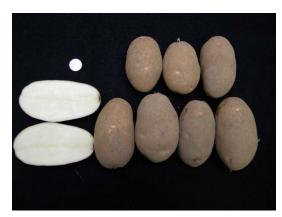
Reveille Russet shows evidence of broad adaptability in Michigan. Due to its longer dormancy, growers should warm the seed at 54°F for six weeks prior to planting for faster emergence after planting. Reveille Russet should be grown under a Silverton Russet fertility strategy. This results in a similar size breakdown to Silverton, with 64% of tubers between 4 and 10 ounces observed in 2017 research trials.







2017 Bulk Planting at Eisenga Potato Farms



2014 Walther Russet Trial

*Data reflects the mean with range in parenthesis from 3 trials in four years

Prepared Chris Long and Trina Zavislan, MSU Potato Outreach Program (canr.msu.edu/potatooutrach) to inform Michigan growers on variety performance.

Reveille Russet Data Sumary

Category	# Trials	Average	Range
US # 1 Yield (Cwt/A)	33	505	355 - 739
Total Yield (Cwt/A)	33	600	492 - 816
% US No. 1	33	83	57 - 95
% B Size ¹	33	8	3 - 17
% A Size ¹	33	60	36 - 83
% Oversize ¹	33	24	8 - 52
% Pickouts	33	9	0 - 18
Specific Gravity	33	1.064	1.055 - 1.077
Common Scab ²	13	0.5	0.0 - 2.5
Vine Vigor ³	33	2.2	1.0 - 3.5
Vine Maturity ⁴	33	3.1	1.5 - 4.5
% Hollow Heart	31	0	0 - 10
% Vascular Discoloration	31	20	0 - 40
% Internal Brown Spot	31	0	0 - 12
% Brown Center	31	0	0 - 0

¹B size < 4 oz., A size 4 - 10 oz., Oversize > 10 oz.

²Common Scab Rating Scale from 0 (no scab) to 5 (severe scab)

³Vine Vigor Rating Scale from 1 (slow emergence) to 5 (early emergence)

⁴Vine Maturity Rating Scale from 1 (dead vines) to 5 (vigourous, flowering vines)