

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: Medium

Yield Potential (US#1) cwt/A*: 454 (239 - 739)

Utilization: fresh market

Specific Gravity*: 1.067 (1.055 – 1.084)

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 seed cutting 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 80% of tubers between 4 and 10 ounces observed in 2018 research trials.

*Data reflects the mean with range in parenthesis from 71 trials in eight years

Prepared by Trina VanAtta, Chris Long, and Damen Kurzer, MSU Potato Outreach Program (canr.msu.edu/potatooutreach) to inform Michigan growers on variety performance.



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2017 Bulk Planting at Eisenga Potato Farms



2019 Walther Russet Trial

Reveille Russet Data Summary

Category	# Trials	Average	Range
US # 1 Yield (Cwt/A)	71	454	239 - 739
Total Yield (Cwt/A)	71	553	313 - 816
% US No. 1	71	81	52 - 95
% B Size ¹	71	10	2 - 47
% A Size ¹	71	61	36 - 92
% Oversize ¹	71	20	0 - 54
% Pickouts	71	9	0 - 40
Specific Gravity	71	1.067	1.055 - 1.084
Common Scab ²	66	0.4	0.0 - 3.0
Vine Vigor ³	71	2.2	1.0 - 5.0
Vine Maturity ⁴	71	3.1	1.5 - 4.5
% Hollow Heart	69	3	0 - 80
% Vascular Discoloration	69	11	0 - 50
% Internal Brown Spot	69	1	0 - 30
% Brown Center	69	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)

This variety was evaluated between 2014 and 2021.