# 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

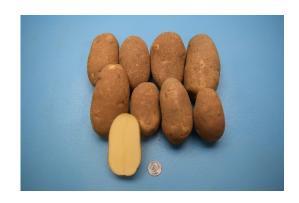
### **UTILIZATION**

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.





2017 Bulk Planting at Eisenga Potato Farms



2019 Walther Russet Trial

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

<sup>\*</sup>Data reflects the mean with range in parenthesis from 71 trials in eight years

## **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 <sup>1</sup>	71	10	2 - 47
% A Size <sup>1</sup>	71	61	36 - 92
% Oversize <sup>1</sup>	71	20	0 - 54
% Pickouts	71	9	0 - 40
Specific Gravity	71	1.067	1.055 - 1.084
Common Scab <sup>2</sup>	66	0.4	0.0 - 3.0
Vine Vigor <sup>3</sup>	71	2.2	1.0 - 5.0
Vine Maturity <sup>4</sup>	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

 $<sup>^{1}</sup>$ B size < 4 oz., A size 4 - 10 oz., Oversize > 10 oz.

This variety was evaluated between 2014 and 2021.

<sup>&</sup>lt;sup>2</sup>Common Scab Rating Scale from 0 (no scab) to 5 (severe scab)

<sup>&</sup>lt;sup>3</sup>Vine Vigor Rating Scale from 1 (slow emergence) to 5 (early emergence)

<sup>&</sup>lt;sup>4</sup>Vine Maturity Rating Scale from 1 (dead vines) to 5 (vigourous, flowering vines)