



BECCA ROSE

A High Yielding, Medium to Late Dual
Purpose Variety



SUMMARY

'Becca Rose' is a medium to late maturing variety with round, attractive tubers having bright red skin and white flesh. It also retains its red skin color following extended storage, with a reduction of the skin color being problematic with many red-skinned varieties. Becca Rose has average total yields but is notable for having a high percentage and yield of premium sized (2-6 ounce) tubers when compared to industry standard varieties such as Chieftain and Dark Red Norland in western U.S. trials. Larger tuber size has been noted in trials conducted in Michigan.

Postharvest culinary results indicate that Becca Rose has similar flavor attributes to Chieftain when baked and boiled but displays less sloughing and a good retention of tuber shape. However, microwave sensory ratings were slightly reduced for Becca Rose relative to Chieftain primarily due to a greater incidence of after-cooking darkening and less desirable texture.

Relative to the industry standard variety Chieftain, Becca Rose is notable for its resistance to common scab and Verticillium wilt and is also considered more resistant than Chieftain to foliar early blight, corky ringspot, and tuber soft rot. It is susceptible to the three major potato viruses (PVY, PVX, and PLRV), late blight of the foliage and tuber, and tuber dry rot.

Becca Rose has a spreading, medium-large vine with medium-late maturity. It produces deep purple flowers with white tips that develop following the initial opening of the flower. It produces round tubers with red, smooth skin having high uniformity. Its tubers have a moderate number of eyes that are shallow in depth. Tuber set is high, and average tuber size is small which is a desirable attribute with premium pricing for smaller tuber size with consumer preference for tubers in the 2 to 6 ounces size range. Larger tuber size has been noted in trials conducted in Michigan. Tuber dormancy is considered short, similar to Dark Red Norland. Specific Gravity is comparable to Dark Red Norland and Chieftain.

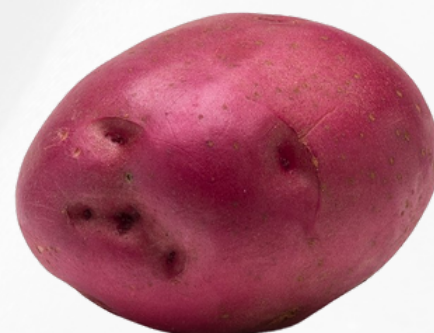
DISEASE RATINGS

RESISTANT

- Common Scab
- Verticillium Wilt

MODERATELY RESISTANT

- Corky Ringspot
- Early Blight
- Net Necrosis
- Soft Rot



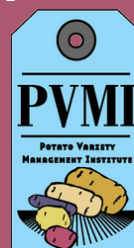
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In field trials in Idaho, Oregon, and Washington Becca Rose had lower total yields than Dark Red Norland and Chieftain, apart from in Oregon where it outyielded Dark Red Norland. However, the percentage of premium yield of tubers two to six ounces in size was 29% and 18% greater for Becca Rose across all sites relative to Dark Red Norland and Chieftain, respectively. The percentage yield of the commercially less desirable (> 10 ounce tubers) was also greatly reduced for Becca Rose compared to industry standards.

DEFECTS AND DISEASE RATINGS

Merit ratings of Becca Rose were consistently higher in trials in ID, OR, and WA than those for Dark Red Norland or Chieftain with also a lower incidence of Hollow Heart/Brown Center as well. A low incidence of hollow heart was noted in MI.

STORAGE NOTES

Storage and dormancy similar to Red Norland and Chieftain.