

SPUDPRO COMMITTEE NAMES NEW POTATO VARIETY

Dual-purpose Lakeview Russet is a remarkable early bulking variety that yields well

On November 10, 2020, the SpudPro Committee named the newest variety, Lakeview Russet, to come out of the University of Wisconsin (UW)-Madison potato breeding program.

The mission of the WPVGA SpudPro Committee is to advance Wisconsin potato breeding lines to variety status by providing foundation seed as a platform for industry review, adoption and commercialization.

The SpudPro committee facilitates production of the initial foundation

seed for new potato varieties from the potato breeding program.

Dennis and Adam Bula of Bula Potato Farms, Inc. have been growing W9433-1rus, a dual-purpose russet, meaning suitable for the fresh market and fry use, for four-plus years at the farm in Post Lake, and thus the new name, Lakeview Russet.

Bred from parent varieties Cal White and A96023-6, Lakeview Russet exhibits early emergence with vigorous vines and numerous white blossoms, according to Dennis, who

says it sets a moderate number of tubers (approximately 7-10 per plant).

EARLY BULKING

“Tubers bulk very fast, so a closer seed spacing, compared to standard varieties, should be considered to control oversize,” Dennis remarks. “Tubers have a blocky shape, with very few of them misshapen.”

“The tubers have a light russet skin that seems to darken in storage,” he adds. “Lakeview has a somewhat thin skin, so along with its vigorous vine, it will take longer than standard

Above: Lakeview Russets are shown at Bula Potato Farms, Inc., July 25, 2020, in full bloom. Bred from parent varieties Cal White and A96023-6, Lakeview Russet exhibits early emergence with vigorous vines and numerous white blossoms.

varieties to set the skin on tubers.”

Jeffrey Endelman, UW-Madison Department of Horticulture, leads the potato variety development program for the university, which releases new varieties for the chip, French fry and fresh markets.

“I have looked at yield data for nearly a thousand russet varieties in the past seven years, and Lakeview Russet is almost without equal for early bulking,” Dr. Endelman says.

Because of its early tuber bulking, low defects and light fry color, Lakeview Russet has early-season French fry potential. Specific gravity is medium.

“Specific gravity and glucose levels of Lakeview Russet were similar to Russet Burbank across two years of the National Fry Processing Trial,” Endelman informs.

FRY POTENTIAL

“But, additional commercial-scale

University of Wisconsin Potato Breeding



Lakeview Russet

Lakeview Russet (W9433-1rus)

Parentage: CalWhite x A96023-6

Lakeview Russet is a **dual purpose** variety, notable for its **low tuber set** (7-9 per plant) and **rapid bulking**.

Pack out. Produces a high percentage of U.S. No. 1 tubers due to its large size profile and consistent, blocky shape.

Maturity. Early emergence and bulking, but vine senescence and skin set are slow.

Fry quality. Specific gravity and color are similar to Russet Burbank.

Storage. Medium to long tuber dormancy (less than Burbank but similar to Norkotah).

Management. Tighter seed spacing and less nitrogen are recommended to control oversize and skin set. Good candidate for organic production.

evaluation is needed,” he adds, “to determine whether it can become an early fry processing variety in Wisconsin.”

In Wisconsin variety trials, Lakeview Russet yielded approximately 600 hundredweight/acre with a low

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percentage of B-size potatoes or pick-outs.

“Hollow heart has been noted, but not until tubers get excessively large [18-20 ounces],” Dennis says.

Lakeview Russet will perform well without fumigation, and in commercial grower experience, less nitrogen is needed—100 pounds/acre less than Russet Norkotah and 50 pounds/acre

less than Silverton Russet.

“Lakeview Russet should be considered for organic production or by a grower looking for a more sustainable variety,” Dennis suggests.

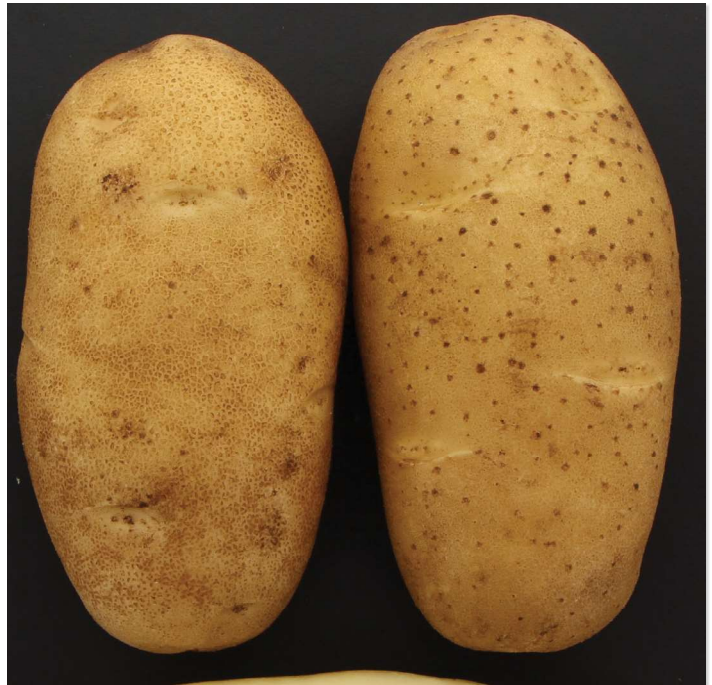
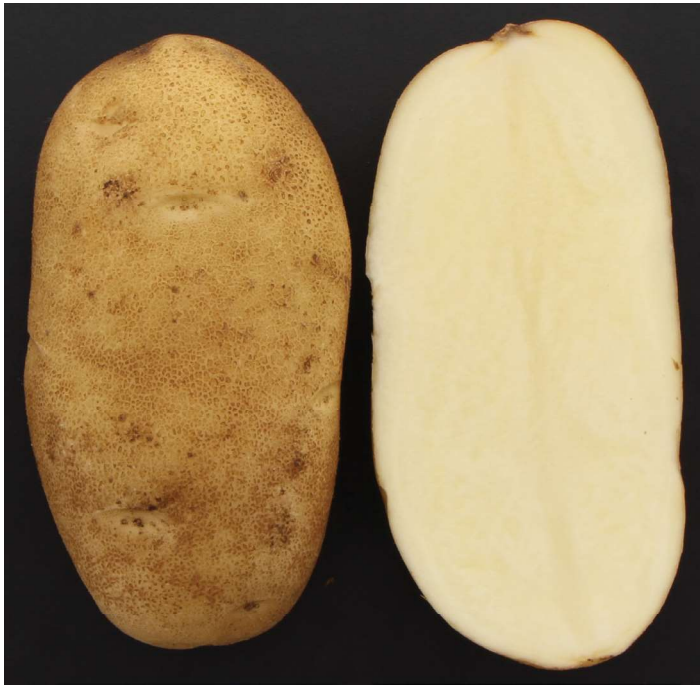
“It’s a variety that yields well, has a high percentage of U.S. Number 1 tubers,” he says, “and does that

“I have looked at yield data for nearly a thousand russet varieties in the past seven years, and Lakeview Russet is almost without equal for early bulking.”

– Dr. Jeff Endelman

Left: According to Dennis Bula, Lakeview Russet tubers bulk very fast, so a closer seed spacing, compared to standard varieties, should be considered to control oversize.

Above: The Lakeview Russet potatoes shown were planted May 18, 2020, on Bula Potato Farms, Inc., and the picture was taken 76 days later, on August 3.



with lower fertilizer and fumigation needs.”

For more information, growers are welcome to contact Dennis and Adam

Bula at Bula Potato Farms, Inc.,
715-275-3430 or 715-216-1614,
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BCT

Above: Lakeview Russet tubers have a blocky shape, with very few of them misshapen, and a light russet skin that seems to darken in storage.



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