



“Freedom Russet” (W1836-3rus): A Dual Purpose Russet

WARF: P00244US

Inventors: Jiming Jiang, Horia Groza, Bryan Bowen

The Wisconsin Alumni Research Foundation (WARF) is seeking commercial partners interested in new potato varieties.

Overview

Wisconsin is the nation's third largest producer of potatoes. According to the USDA, Wisconsin's potato farmers produced nearly 29.0 million hundredweight of potatoes in 2009.

The Invention

A team of UW-Madison plant breeders has created a new, dual purpose (process/fresh market) russet potato that is adapted to the short season conditions of central Wisconsin. This variety, 'W 1836-3rus,' has long, blocky, russet tubers with light eye spots and an attractive appearance. W 1836-3rus also has medium-late vine maturity.

Applications

- Potato production

Key Benefits

- Yields are superior or comparable to similar varieties
- Exhibits superior tuber bulking rate when harvested at 120 days
- Highly resistant to *Verticillium* wilt (a component of early drying syndrome)
- Resistant to most strains of common scab

Tech Fields

- [Animals, Agriculture & Food : Plant varieties](#)

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