



## Soybeans Resist Sclerotinia Stem Rot

**WARF: P130103US02**

Inventors: Craig Grau

**The Wisconsin Alumni Research Foundation (WARF) is seeking commercial partners interested in a soybean line completely resistant to white mold.**

### Overview

Sclerotinia stem rot, or 'white mold,' is caused by the fungus *Sclerotinia sclerotiorum*. The disease is a major problem for crop plants in the north-central United States and southern Canada. Although soybean cultivars have been identified that show partial resistance to *Sclerotinia* infection, resistance among commercial varieties is limited.

### The Invention

A UW-Madison researcher and others have created a new line of soybeans that are 100 percent resistant to Sclerotinia stem rot. The line is bred from previously developed, rot-resistant parents.

### Applications

- Production of soybean lines resistant to Sclerotinia stem rot
- Commercial cultivars
- Genetic mapping research

### Key Benefits

- Total resistance to Sclerotinia stem rot
- Resistance trait is highly heritable.

### Additional Information

#### For More Information About the Inventors

- [Craig Grau](#)

#### Related Technologies

- [For more information about a Sclerotinia-resistant soybean parent line, called W04-1002, see WARF reference number P03286US.](#)

#### Tech Fields

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

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