

# **Legal Use of Fungicides for Soybean Rust**

Wisconsin Fertilizer, Aglime and Pest  
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# Labels, Labeling & Use Directions

**Section 3** → Full Label: multi-year process between EPA and registrant including extensive data sets & comment period

**Labeling** -- Allied info includes point of sale promotional information.



# “Use Directions”

- Are “Section 18” (*labels*)
- Fast track EPA acceptance to address economic, health, invasive species impacts on a **temporary basis**.
- Efficacy and need of proposed products are demonstrated

# Section 18s = emergency NEED

- Use directions – differ many ways, from Section 3 labels: site, use pattern, rate, setbacks.
- Applicator must follow the use directions **AND** full label requirements.
- **Emergency allowance est. a temporary tolerance**



# **The Soybean Rust – Quarantine Section 18**

## **Braced for ASBR in Wisconsin**

- ASBR WI Work Group
- Prepared Section 18s for 8 separate active ingredients/10 products
- UW - Monitoring at Sentinel plots
- National training & communications

# Acreage for Treatment

- Wisconsin is 13<sup>th</sup> in soybean production nationally *(2003 data)*
- Total WI Acreage planned to be Treated: 1.5 million acres.
- Capacity – about 85 gallons, finished, per acre, approved/EPA.



# Why, when, how to apply

“Apply as a broadcast foliar spray **prior to or at first appearance of rust pustules** on any leaves within the plant canopy.”

“Precautions on the submitted section 18 use directions as well as the EPA-registered product labels must be followed.”

# **Year-end report from the State**

**Depends on product stewardship:**

**Report the results & effectiveness of the exemption on an annual basis. Total Use - not just sales.**

- **Total acreage treated**
- **Effectiveness against the emergency conditions**
- **Adverse effects due to the product's use**



# What happened in 2005

## Global Climate Driven

- Spores were expected to be carried into WI in 2005.
- Section 18's products were in place.
- Monitoring proved no occurrence

# **Resultant Concerns**

## **FIFRA: Marketing concerns**

Misbranding / inconsistent with the label that is accepted by EPA

## **Risks to growers: Residues**

Federal Food & Drug Administration  
integration with EPA on FIFRA Sec 18

**Adulterated crops?**



# What to expect in 2006

- Monitoring
- Leadership by
  - USDA
  - UW researchers – early planting, sentinels,
  - WDATCP Plant Pathologists
  - Crop Advisory , Pest Bulletin

# What else to expect in 2006

- Likely addition of second-round products for Soybeans
- Minor Legume products addressed
- Possible change to the existing Section 18 directions to adjust timing
- All parties: obtain balance of information



# For More Information on Rust

- <http://www.datcp.state.wi.us/arm/environment/insects/soybean-rust/index.html>
- <http://www.plantpath.wisc.edu/soyhealth/datatab.htm>
- [http://www.aphis.usda.gov/ppq/ep/soybean\\_rust/](http://www.aphis.usda.gov/ppq/ep/soybean_rust/)

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