

# Wisconsin Section 18 Exemption

Fungicides to Control  
Asian Soybean Rust

Wisconsin Fertilizer, Aglime and Pest  
Management Conference  
2005

Wisconsin Department of Agriculture, Trade and Consumer Protection

# Section 18

## Emergency Exemption

**Quarantine** Exemption requested of  
EPA

...to control the “introduction or spread of a pest **new** to or **not (previously) known** to be widely prevalent or distributed within and throughout the United States and its territories.”



# Non-native Species

- Spores carried to the southeastern United States from South America during the 2004 hurricanes season
- EPA foresaw, planned for & approved some products before on-set

# Fungicides already fully registered for use on Soybeans and labeled for Soybean Rust

- Various products have full EPA registrations for use on soybeans to control ASBR
- Products must be licensed for use in Wisconsin.



# National Significance

States of MN and SD template

Impacts in South America projected to  
USA

- Economic impacts
- Efficacy of proposed products
- 8 separate active ingredients: 10 products requested of EPA

# Acreage for Treatment

- Wisconsin is 13<sup>th</sup> in soybean production nationally based on 73.4 million acres of soybeans grown in the United States *(2003)*
- Total Wisconsin Acreage to be Treated: Approximately 1.5 million acres.



# Wisconsin's Quarantine Exemption Application

- WI acreage and counties of use
  - Virtually All
- Address endangered species
  - Must address potential harm/ habitat

# Products Sought:

- Propiconazole: ***Bumper<sup>TM</sup>***,  
***Propimax EC<sup>TM</sup>***, & ***Tilt<sup>TM</sup>***
- Myclobutanil: ***Laredo EC<sup>TM</sup>***,  
***Laredo EW<sup>TM</sup>***
- Tebuconazole: ***Folicur<sup>TM</sup>***



## Products Sought (cont'd):

- Propiconazole+trifloxystrobin:

***Stratego***<sup>TM</sup>

- Pyraclostrobin+ boscolid: ***Pristine***<sup>TM</sup>

- Tetraconazole: ***Domark***<sup>TM</sup>

- Propiconazole + azoxystrobin: ***Quilt***<sup>TM</sup>

# Use Rates: Active Ingredients

- **Rate of Application (propiconazole):** 1.8-3.6 oz a.i./A, 4-8 fluid ounces product per acre
- **Rate of Application (tebuconazole):** 1.3-1.8 oz a.i./A, 3-4 fluid ounces product per acre
- **Rate of Application (myclobutanil):** 1.0-2.0 oz a.i./A, 4-8 (4.8-9.6 fl oz per acre for the EW formulation) fluid ounces (EC formulated) product per acre
- **Rate of Application (propiconazole + trifloxystrobin):** 1.4-2.6 oz a.i./A, 5.5-10 fluid ounces product per acre



# Use Rates: Active Ingredient, cont'd

- **Rate of Application (tetraconazole):** 1.2-1.6 oz a.i./A, 10-13 fluid ounces product per acre
- **Rate of Application (pyraclostrobin + boscalid):** 3.0-6.1 oz a.i./A, 8-16 ounces product per acre
- **Rate of Application (pyraclostrobin):** 1.6-3.1 oz a.i./A, 6-12 fluid ounces product per acre
- **Rate of Application (propiconazole + azoxystrobin):**  $1.82 + 1.085 - 2.665 + 1.585$  oz a.i./A, 14 - 20.5 fluid ounces product per acre

# Availability

Label must be In Hand

- **Use Season:** Immediately upon the introduction of ASBR into the United States
- **Label distribution:**
  - **Registrants** (*see the handout*)
  - **WI DATCP** (*for registrant and label info*)
    - » <http://www.datcp.state.wi.us/arm/agriculture/pest-fert/pesticides/special.html>
  - **EPA**
    - » <http://cfpub1.epa.gov/oppref/section18/search.cfm>



# 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/)

**Special Registrations-WI 608-224-4547**