

For distribution and use on soybeans in the state of xxxxxxxxxxxxxxxx from Month xx, 2005 until March 1, 2007 only under the quarantine emergency exemption pursuant to Section 18 of FIFRA as amended.

## Headline<sup>®</sup> SBR Fungicide

Emergency Exemption Use Directions for use in Soybeans for the control of Asian Soybean Rust (*Phakopsora pachyrhizi*)

EPA Est. No.: \_\_\_\_\_

**OBSERVE ALL FIRST AID AND PRECAUTIONARY STATEMENTS ON THE HEADLINE<sup>®</sup> SBR FUNGICIDE CONTAINER LABEL BEFORE USING.**

BASF Corporation  
Agricultural Products  
26 Davis Drive  
Research Triangle Park, NC 27709

 **BASF**  
The Chemical Company

**DIRECTIONS FOR USE**  
**Headline<sup>®</sup> SBR Fungicide**  
**For Use in Soybean for the control of Asian Soybean Rust caused by**  
***Phakopsora pachyrhizi***

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### **Environmental Hazards**

This product may contaminate water through drift of spray in wind. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

### **Endangered Species Concerns**

The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of federal law. This pesticide is toxic to fish and aquatic invertebrates and must be used strictly in accordance with drift precautions on this label in order to minimize off-site exposures. **DO NOT** apply when weather conditions favor drift from treated areas to non-target aquatic habitats. Notify State and/or Federal authorities and BASF immediately if you observe any adverse environmental effects due to use of this product.

To determine whether your county has endangered aquatic species, consult the County Bulletins at <http://www.epa.gov/esp/usa-map.htm>. Endangered Species Bulletins may also be obtained from extension offices or state pesticide agencies. If a bulletin is not available for your specific area, check with the appropriate local state agency to determine if known populations of endangered aquatic species occur in the area to be treated.

### **Restrictions and Limitations**

- Applications may not be made within 21 days of harvest.
- **DO NOT** make more than 2 applications of pyraclostrobin-containing products per season.
- **DO NOT** make more than 2 applications of tebuconazole-containing products per season.
- **DO NOT** feed soybean forage or hay to livestock.
- **Crop Rotation Restriction:** Crops listed on the **Headline<sup>®</sup> fungicide, Cabrio<sup>®</sup> EG fungicide** and Folicur<sup>®</sup> 3.6 F Foliar fungicide may be planted as soon as practical after last application. Any crop not specified on these labels may be planted into treated areas 120 days after last application.
- **Chemigation:** **DO NOT** apply this product through any type of irrigation system.

## APPLICATION INSTRUCTIONS

Use the entire contents of this container (2.14 gallons) to treat 35 acres. This is equivalent to 7.8 fl oz of **Headline® SBR Fungicide** per acre.

**Do not apply the contents in the individual compartments of the Headline SBR container in any combination other than a 1.5:1 ratio achieved by the use of 2.14 gallons per 35 treated acres.**

**Headline SBR** can be applied at a maximum rate of 7.8 fl oz per acre per application.

### Headline® SBR fungicide Disease Specific Use Directions

Target Disease	Use Rate per Application	Maximum Number of Applications per Season	Maximum Rate per Season	Minimum Time from Application to Harvest (PHI)
Asian soybean rust ( <i>Phakopsora pachyrhizi</i> )	7.8 fl oz per acre	2	15.6 fl oz per acre	21 days

**Headline SBR** provides both preventative and curative activity against Asian soybean rust. For optimal disease control, apply **Headline SBR** at early flowering (R1 growth stage) or prior to disease development. Repeat application 10-21 days later if environmental conditions favor continued disease development or if monitoring shows active disease symptoms.

The key to adequate season long control of Asian soybean rust is careful monitoring and scouting of soybean fields all season, especially from initiation of flowering through pod fill. After the first application, maintain a thorough monitoring and scouting program. Apply follow-up fungicide treatments as needed.

Thorough spray coverage of soybean plants is essential for optimum control. Utilize spray application techniques including sufficient water carrier per acre, pressure and proper nozzle selection that ensure thorough coverage.

**Headline SBR** should be applied in no less than 5 gallons of spray solution per acre for aerial applications.

**Headline SBR fungicide** provides optimum disease control when utilized as a part of a comprehensive program combining monitoring of the field and surrounding areas and fungicide application to provide control of Asian soybean rust. **Headline SBR** provides both preventative and curative control of soybean rust. However, if symptoms or soybeans rust lesions and/or pustules are present on soybean plants, some yield loss may have already occurred. If infection level of Asian soybean rust reaches or exceeds 3-5%, only limited control of Asian soybean rust may be achieved with any program. (Infection level = number of leaves with symptoms/signs of Asian soybean rust per 100 leaves).

### **Conditions of Sale and Warranty**

The Directions For Use of this product reflects the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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