

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

Headline[®] STAR Fungicide

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

For Distribution and Use Only in the State of XXXXX
Under FIFRA Section 18 Quarantine Exemption

Active Ingredient

Pyraclostrobin :* (carbamic acid, [2-[[[1-(4-chlorophenyl)-1 <i>H</i> -pyrazol-3-yl]oxy]methyl]phenyl]methoxy-,methyl ester).....	11.0%
Tebuconazole :** (alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-1 <i>H</i> -1,2,4-triazole-1-ethanol	12.7%
Other ingredients ***	76.3%
Total	100.0%

*Equivalent to 0.97 pounds of pyraclostrobin per gallon

**Contains 1.12 pounds tebuconazole per gallon

***Contains petroleum distillates

EPA Est. No.:

KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

See inside booklet for complete **First Aid, Precautionary Statements, Directions for Use, and Conditions of Sale and Warranty.**

Net contents: 164.8 fluid ounces

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

 **BASF**
The Chemical Company

FIRST DRAFT

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. • Call a poison control center for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center for further treatment advice.
Note to physician:	
Probable mucosal damage may contraindicate the use of gastric lavage. Contact with the eyes may cause irritation.	
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 800-832-HELP (4357)	

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING: May be fatal if swallowed. Causes substantial but temporary eye injury. Causes skin irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Avoid breathing vapor or spray mist.

Personal Protective Equipment (PPE)

Some materials that are chemically resistant to this product are listed below. For more options, refer to Category **A** on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Protective eyewear (goggles, face shield, or safety glasses)
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves, made of any waterproof material (such as nitrile, butyl, or neoprene rubber, viton, or barrier laminate)
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, and loading.

Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statement

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations
<p>Users should:</p> <ul style="list-style-type: none"> • Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. • Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. • Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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Environmental Hazards

This product is toxic to estuarine and marine invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

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.

In Case of Spill

In case of large-scale spillage regarding this product, call:

CHEMTREC	800-424-9300
BASF Corporation	800-832-HELP (4357)

Steps to be taken in case material is released or spilled:

Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Remove contaminated clothing and wash affected skin areas with soap and water. Wash clothing before re-use. Keep the spill out of all sewers and open bodies of water.

FIRST DRAFT

DIRECTIONS FOR USE

Headline® STAR 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.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of **12 hours**.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves, made of any water-proof material (such as Nitrile, Butyl, Neoprene, and/or Barrier Laminate)
- Shoes plus socks.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to label.

Pesticide Disposal: Wastes resulting from using this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.

Container Disposal: Triple rinse (or equivalent). Puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke

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® fungicide, Cabrio® EG fungicide** and Folicur® 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.

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APPLICATION INSTRUCTIONS

Headline® STAR fungicide can be applied at a maximum rate of 10.2 fl oz per acre per application.

Headline STAR 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>)	10.2 fl oz per acre	2	20.4 fl oz per acre	21 days

Headline STAR provides both preventative and curative activity against Asian soybean rust. For optimal disease control, apply **Headline STAR** 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 earlier 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 STAR** should be applied in no less than 5 gallons of spray for aerial applications.

Headline STAR 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 STAR** 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).

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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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