



**BEYOND**<sup>™</sup>  
HERBICIDE | CLEARFIELD\* PRODUCTION SYSTEM

## Supplemental Labeling

**FOR DISTRIBUTION AND USE ONLY WITHIN ARKANSAS**

**EPA Reg. No. 241-379**

**EPA SLN No. AR-040003**

**FOR RED RICE CONTROL IN CLEARFIELD\* RICE  
APPLY ONLY TO CLEARFIELD RICE**

**THIS LABEL EXPIRES MAY 18, 2009**

**ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS  
ON THE REGISTERED PRODUCT LABEL FOR BEYOND<sup>™</sup> HERBICIDE,  
EPA REG. NO. 241-379, MUST BE FOLLOWED.**

### **DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This labeling must be in the possession of the user at the time of pesticide application.

**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.

Because there are additional state restrictions on the application of herbicides in Arkansas, these additional restrictions must be complied with. Where there is a conflict between the product label and the additional restrictions, the most restrictive must be used.

Observe all cautions and limitations on this label and on the labels of products used in combination with **BEYOND<sup>™</sup> herbicide**. **DO NOT** use **BEYOND** other than in accordance with the instructions set forth on this label. The use of **BEYOND** not consistent with this label may result in injury to crops. Keep containers closed to avoid spills and contamination.

**DO NOT** apply this product through any type of irrigation system.

**DO NOT** apply **BEYOND** in any manner not specifically described in this label.

**DO NOT** make more than one application of **BEYOND** per year.

### **GENERAL INFORMATION**

Use of **BEYOND** in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

**BEYOND** can only be applied following two applications of **NEWPATH<sup>®</sup> herbicide** at labeled timings and labeled rates. **BEYOND** can also be used after a sequential application of **CLEARPATH<sup>®</sup> herbicide** followed by **NEWPATH** or **NEWPATH** followed by **CLEARPATH** at labeled timings and labeled rates.

## BEYOND™ herbicide Application Timing on CLEARFIELD Rice

Apply **BEYOND** at the following crop stages of growth as an effective red rice rescue treatment:

<b>CLEARFIELD RICE VARIETIES</b>	<b>4-leaf Rice to Rice Panicle Initiation (green ring) plus 14 Days</b>
<b>CLEARFIELD RICE HYBRIDS</b>	<b>4-leaf Rice to Rice Panicle Initiation (green ring)</b>

**DO NOT** apply **BEYOND** to **CLEARFIELD** rice hybrids after panicle initiation.

The mode of weed killing activity involves uptake of **BEYOND** by foliage and/or weed roots and rapid translocation to the growing points. After **BEYOND** application, susceptible weeds may show yellowing and weed growth will stop. Susceptible weeds stop growing and either die or are not competitive with the crop.

### Use on CLEARFIELD\* Rice

**BEYOND** can be applied postemergence to remove late-emerging or previously missed red rice, only on **CLEARFIELD** rice (imidazolinone tolerant rice) varieties and hybrids possessing the second-generation tolerance trait following two applications of **NEWPATH® herbicide** at labeled timings and labeled rates. **BEYOND** can also be used after a sequential application of **CLEARPATH® herbicide** followed by **NEWPATH** or **NEWPATH** followed by **CLEARPATH** at labeled timings and labeled rates. Apply only on selected rice varieties labeled as "**CLEARFIELD**" and warranted by the seed supplier to possess tolerance to direct application of **NEWPATH**. **DO NOT** apply **BEYOND** to rice varieties that lack resistance/tolerance to **NEWPATH**. Contact your seed supplier, chemical dealer, or BASF to obtain information regarding imidazolinone tolerant rice varieties.

**Licensed for use on ATCC 97523 or ATCC PTA-904 rice and derivatives and progeny.** The purchase of this herbicide includes a sublicense to practice the processes claimed by United States Patent Nos. 5,952,553 and 6,274,796 by applying this herbicide to fields planted with rice seed purchased in a container bearing the legend "**Licensed ATCC 97523 or ATCC PTA-904 Rice**" in full accordance with the directions printed on this label. Additional patent applications are pending.

## MIXING INSTRUCTIONS

### APPLICATIONS OF BEYOND REQUIRE THE ADDITION OF A CROP OIL CONCENTRATE.

Apply the crop oil concentrate at the rate of 1 gallon per 100 gallons of spray solution (1.0% vol./vol.).

### CLEANUP:

To avoid injury to sensitive crops, spray equipment used for **BEYOND** applications must be drained and thoroughly cleaned with water before being used to apply other products.

## SPRAYING INSTRUCTIONS

**DO NOT** apply when wind velocity is greater than 10 mph for ground application or 5 mph for aerial application, when temperature inversion conditions exist, or when spray may be carried to sensitive crops. Sensitive crops include but are not limited to leafy vegetables, cotton, and non-**CLEARFIELD** rice varieties.

### GROUND APPLICATIONS:

Uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre. A spray pressure of 20 to 40 psi is recommended.

Adjust the boom height to ensure proper coverage of weed foliage (according to the manufacturer's recommendation). Use only flat-fan nozzle tips. The maximum height for ground boom application is 24 inches (2 feet).

Avoid overlaps when spraying.

Maintain a buffer zone of 65 feet between non-target plants and the area being sprayed. No buffer zone is needed if there are sustained winds blowing away from non-target plants.

## **AERIAL APPLICATION:**

**BEYOND™ herbicide** may be applied by air only to approved **CLEARFIELD** rice varieties and hybrids. **DO NOT** apply by air to other crops.

Uniformly apply with properly calibrated aerial equipment in 10 or more gallons of water per acre. The addition of a crop oil concentrate is required for optimum weed control. Apply the crop oil concentrate at the rate of 1 gallon per 100 gallons of spray solution (1.0% vol./vol.).

To avoid injury to sensitive crops from drift, aerial applicators must adhere to the following:

Maintain a buffer zone of 200 feet between non-target plants and the area being sprayed. No buffer zone is needed if there are sustained winds blowing away from non-target plants.

## **SPECIAL AERIAL USE DIRECTIONS AND PRECAUTIONS**

- Nozzle height above ground must be a maximum of 10 feet or as boom/aircraft manufacturer directs.
- Nozzles must be pointed toward the rear of the aircraft. The downward angle of the nozzle should not be greater than 20 degrees.
- To minimize wing-tip vortex roll, nozzles or spray boom must not be located any closer to end of wing or rotor than three-fourths the distance from the center of the aircraft.
- Use a maximum spray pressure of 40 psi.
- A buffer zone must be established between the area to be sprayed and sensitive crops.
- **DO NOT** spray when wind velocity is greater than 5 mph. Coarse sprays (larger droplets) are less likely to drift.

Applicator is responsible for any loss or damage that results from spraying **BEYOND** in a manner other than recommended in this label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

Avoid overlaps when spraying.

Unusually cool temperatures (50° F or less) reduce photosynthesis and transpiration and thus reduce uptake, translocation, and efficacy of **BEYOND** in weeds. Delaying a **BEYOND** application for 48 hours from the time the temperature increases to above 50° F, if air temperature has been below 50° F for 10 or more hours, will improve weed control and reduce crop response.

## **APPLICATION INFORMATION**

### **TIMING AND USE RATE:**

**BEYOND** can only be applied following two **NEWPATH® herbicide** applications at labeled timings and labeled rates. **BEYOND** can also be used after a sequential application of **CLEARPATH® herbicide** followed by **NEWPATH** or **NEWPATH** followed by **CLEARPATH** at labeled timings and labeled rates. If permanent flood has been established, greater than one-half of the red rice plant must be above the water, at the time of **BEYOND** application, to achieve red rice control.

Apply **BEYOND** postemergence to **CLEARFIELD** rice between **CLEARFIELD** rice tillering and **CLEARFIELD** rice panicle initiation (green ring) plus fourteen days as a red rice rescue treatment at 5.0 fluid ounces of product per acre (0.04 lb. ai per acre). At this rate 1 gallon of **BEYOND** will treat 25.6 acres of **CLEARFIELD** rice.

A crop oil concentrate must be added to the spray solution for optimum weed control activity. See the **MIXING INSTRUCTIONS** for specific instructions.

**DO NOT** apply when wind velocity is greater than 10 mph for ground application or 5 mph for aerial application, when temperature inversion conditions exist, or when spray may be carried to sensitive crops. Sensitive crops include, but are not limited to, leafy vegetables, cotton, and non-**CLEARFIELD** rice varieties.

## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must 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. To the extent consistent with applicable law, 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.

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