



Darryl Little  
Director

ARKANSAS  
STATE PLANT  
BOARD

P.O. Box 1069 ■ Little Rock, Arkansas 72203  
www.plantboard.org  
Phone (501) 225-1598  
Fax (501) 219-1697

July 21, 2008

To whom it may concern,

Please find enclosed a Section 18 Notice of Specific Exemption with a revised expiration date along with forms with which to Report Section 18 Applications.

The Notice is for the use of the imazamox product Raptor Herbicide on CLEARFIELD rice in Arkansas.

If you have any questions or need further information, please call me at 501-225-1598.

Sincerely,

A handwritten signature in cursive script that reads "Susie Nichols".

Susie Nichols  
Assistant Director  
Pesticide Division

**NOTICE OF SPECIFIC EXEMPTION FOR THE USE OF IMAZAMOX,  
RAPTOR HERBICIDE ON CLEARFIELD RICE IN ARKANSAS.**

**AUGUST 31, 2008**

The Environmental Protection Agency has granted a specific exemption under the provisions of Section 18 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended, to the Arkansas State Plant Board for the use of imazamox, Raptor Herbicide on CLEARFIELD rice in Arkansas. **Applicators must be in possession of the Raptor Specific Exemption Labeling at the time of application.** All applicable directions, restrictions, and precautions on the EPA product label for Raptor Herbicide and this notice must be followed.

**Applications may only be made between July 21, 2008 and August 31, 2008.**

**Refer to the Raptor Herbicide Specific Exemption Label.**

A report of each application made under the Specific Exemption must be filed with the Plant Board within 10 days. The following format is suggested for use by the applicator so the information required by the EPA will be provided: **THIS INFORMATION IS NOT TO BE REPORTED ON PINK FORM NUMBER 1007.**

REPORT OF IMAZAMOX ON CLEARFIELD RICE

Applicator's Name:

Applicator's Address:

Farmer's Name:

Farmer's Address:

Acres Treated:

Pounds of Active Ingredient Applied per Acre:

Location of Field:

Time and Date of Application:

Reports may be mailed to: Arkansas State Plant Board, P.O. Box 1069, Little Rock, AR 72203 or faxed to: (501)-312-7053.

**THIS NOTICE EXPIRES AUGUST 31, 2008**

*These use directions are effective for distribution and use of this product to control Red rice in Clearfield® rice varieties and hybrids in the state of Arkansas, as authorized pursuant to the provisions of section 18 of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended.*



**FOR DISTRIBUTION AND USE ONLY WITHIN ARKANSAS**

**Crisis Exemption Use Directions for the control of Red rice in Clearfield® rice varieties and hybrids**

EPA Reg. No. 241-379

1 gallon of Raptor® herbicide contains 1.0 pound of active ingredient (imazamox) as the free acid

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

**This label expires on August 31, 2008 in the state of Arkansas**

**ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS  
ON THE REGISTERED PRODUCT LABEL FOR  
Raptor® 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 **Raptor**. **DO NOT** use **Raptor** other than in accordance with the instructions set forth on this label. The use of **Raptor** 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 **Raptor** in any manner not specifically described in this label.

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

**GENERAL INFORMATION**

Use of **Raptor** 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.

#### **Raptor Application Timing on CLEARFIELD Rice**

**DO NOT** exceed maximum use rate of 5 ozs/acre per season

First application at 1 – 2 leaf stage

OR

Second application at 3 – 5 leaf stage

OR

For Clearfield varieties apply up to panicle initiation (PI) plus 14 days

For Clearfield hybrids apply up to panicle initiation (PI).

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

The mode of weed killing activity involves uptake of **Raptor**<sup>®</sup> herbicide by foliage and/or weed roots and rapid translocation to the growing points. After **Raptor** 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<sup>®</sup> Rice**

Apply only on selected rice varieties labeled as "**CLEARFIELD**" and warranted by the seed supplier to possess tolerance to direct application of imazethapyr. **DO NOT** apply **Raptor** to rice varieties that lack resistance/tolerance to imazethapyr. 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 RAPTOR 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 **Raptor** 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:**

**Raptor** 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 **Raptor® herbicide** 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 **Raptor** in weeds. Delaying a **Raptor** 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.

Any adverse effect resulting from the use of **Raptor** under this crisis exemption must be immediately reported to the state agency to which the exemption is authorized.

### 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 the 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.

To the extent consistent with applicable law, BASF makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty.

To the extent consistent with applicable law, Buyer's exclusive remedy and BASF's exclusive liability, whether in contract, tort, negligence, strict liability, or otherwise, shall be limited to repayment of the purchase price of the product.

To the extent consistent with applicable law, BASF and the Seller disclaim any liability 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.

0408

©2008 BASF Corporation  
All rights reserved.

**CLEARFIELD**, and **Raptor** are registered trademarks of  
BASF.

000241-00379.20080605e.NVA 2008-04-133-0191  
Based on: NVA 2007-04-191-0098

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709

  
The Chemical Company

## Report of Section 18 Application

**Pesticide:** \_\_\_\_\_

**Applicator's Name:** \_\_\_\_\_

**Applicator's Address:** \_\_\_\_\_

**Farmer's Name:** \_\_\_\_\_

**Farmer's Address:** \_\_\_\_\_

**Acres Treated:** \_\_\_\_\_

**Pounds of Active Ingredient per Acre:** \_\_\_\_\_

**Location of Treated Area:** \_\_\_\_\_

**Date of Application:** \_\_\_\_\_

**Time of Application:** \_\_\_\_\_

Mail reports to the Arkansas State Plant Board, PO Box 1069, Little Rock, AR 72203  
or Fax to (501) 312-7053. Reports must be submitted within **10 days** of application.