



## Supplemental Labeling

EPA Reg. No. 241-379

Expires May 6, 2006

### For Postemergence Use in Lima Beans (succulent) in Delaware, Illinois, Maryland, Minnesota, Virginia and Wisconsin Only

**OBSERVE ALL PRECAUTIONARY STATEMENTS AND SPRAYING INFORMATION IN THE RAPTOR® HERBICIDE LEAFLET LABEL BEFORE USING. REFER TO THE RAPTOR LEAFLET LABEL FOR FIRST AID AND WORKER PROTECTION STANDARD REQUIREMENTS.**

#### **DIRECTIONS FOR USE**

**READ THE LABEL AFFIXED TO THE CONTAINER FOR RAPTOR HERBICIDE BEFORE APPLYING. USE OF RAPTOR HERBICIDE ACCORDING TO THIS SUPPLEMENTAL LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR RAPTOR HERBICIDE.**

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.

When **Raptor** is used in combination with another herbicide, refer to the respective label for rates, methods of application, proper timing, weeds controlled, restrictions and precautions. Always use in accordance with the more restrictive label restrictions and precautions. No label dosages may be exceeded. **Raptor** cannot be mixed with any product containing a label prohibiting such mixtures. Do not use **Raptor** other than in accordance with the instructions set forth on this label. Keep containers closed to avoid spills and contamination.

**DO NOT** apply to lima beans that have been seriously injured from applications of soil-applied herbicides such as Dual® Magnum, Eptam®, or Cobra® herbicides.

THIS PRODUCT WHEN USED ON LIMA BEANS (SUCCULENT) MAY LEAD TO CROP INJURY, LOSS, OR DAMAGE. BASF RECOMMENDS THAT THE USER AND/OR GROWER TEST THIS PRODUCT IN ORDER TO DETERMINE ITS SUITABILITY FOR SUCH INTENDED USE.

#### **GENERAL PRECAUTIONS**

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

If arid conditions occur during the year of application, rotational crop injury may occur.

Ensure spray drift to non-target species does not occur.

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

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

When applied by either land or air, **Raptor**<sup>®</sup> herbicide spray drift or other indirect contact may injure sensitive crops including non-imidazolinone tolerant wheat or canola, sugarbeets, and leafy vegetables.

Spray equipment used for **Raptor** application must be drained and thoroughly cleaned with water before being used to apply other products.

In the event of a crop loss due to weather, edible legumes, **CLEARFIELD**<sup>\*</sup> canola, **CLEARFIELD**<sup>\*</sup> corn, **CLEARFIELD**<sup>\*</sup> sunflowers, **CLEARFIELD**<sup>\*</sup> wheat, or soybeans can be replanted. Do not make an additional application of **Raptor**.

## DISCLAIMER

BASF MAKES THIS PRODUCT AVAILABLE TO THE USER AND/OR GROWER SOLELY TO THE EXTENT THAT THE BENEFIT AND UTILITY, IN THE SOLE OPINION OF THE USER AND/OR GROWER, OUTWEIGH THE EXTENT OF POTENTIAL INJURY ASSOCIATED WITH THE USE OF THIS PRODUCT. THE DECISION TO USE OR NOT TO USE THIS HERBICIDE MUST BE MADE BY EACH INDIVIDUAL **RAPTOR** USER AND/OR GROWER ON THE BASIS OF POSSIBLE CROP INJURY FROM **RAPTOR**, THE SEVERITY OF WEED INFESTATION, THE COST OF ALTERNATIVE WEED CONTROLS, AND OTHER FACTORS. BASF INTENDS THAT BECAUSE OF THE RISK OF FAILURE TO PERFORM OR CROP DAMAGE THAT ALL SUCH USE IS AT THE USER'S AND/OR GROWER'S RISK. BASF DISCLAIMS ANY LIABILITY FOR CLAIMS, CAUSES OF ACTION, FINES, PENALTIES, DAMAGES, INCLUDING CONSEQUENTIAL INCIDENTS AND DAMAGES, LOSSES, LIABILITIES, JUDGEMENTS, AND EXPENSES ARISING OUT OF OR RELATING TO INJURY TO PERSONS, CROPS, OR PROPERTY RESULTING FROM THE USE OF **RAPTOR** ON LIMA BEANS (SUCCULENT) CONTRARY TO THE LABEL INSTRUCTIONS.

## GENERAL INFORMATION

Use **Raptor** **ONLY** if proper agronomic practices have been utilized, including good soil fertility, proper crop rotation, disease and insect management and tillage practices that eliminate compaction and hardpans.

Occasionally, internode shortening and/or temporary yellowing of crop plants may occur following **Raptor** applications in lima beans. These effects can be more pronounced if crops are growing under stressful environmental or hot and humid conditions. These effects occur infrequently and are temporary. Normal growth and appearance should resume within days.

## APPLICATION INSTRUCTIONS

**Early Postemergence Applications:** Apply **Raptor** at the broadcast rate of 4 ounces per acre, tank mixed with **Basagran**<sup>®</sup> herbicide at 6 to 16 ounces per acre. When used in lima beans, **Raptor** must be applied with Basagran to minimize crop response. **Basagran** applications at rates higher than 16 ounces per acre may reduce grass control.

Application timing should be based on weed size and crop growth stage. Apply to crop and weeds that are actively growing. Apply **Raptor** + **Basagran** postemergence to lima beans in the first to second trifoliate leaf stage and weeds that are less than 3 inches tall. Applications before the first trifoliate leaf stage may result in increased crop response. **DO NOT** apply **Raptor** + **Basagran** to lima beans during flowering.

A non-ionic surfactant must be added to the spray solution. The non-ionic surfactant must contain at least 80% active ingredient and should be used at a rate of 1 quart per 100 gallons of spray solution.

**Raptor** tank mixes with any pesticide other than **Basagran** are not recommended. Certain insecticide and herbicide tank mixes with **Raptor** in lima beans have shown unacceptable crop response.

**Raptor** may be applied a minimum of one hour before rainfall or overhead irrigation.

**BROADLEAF WEEDS CONTROLLED BY RAPTOR® HERBICIDE**

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**Application Rate**

**RAPTOR at 4 oz./A +  
Basagran at 6 – 16 oz./A**

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**Maximum Weed Size (inches)**

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|                     |   |
|---------------------|---|
| Bedstraw            | 3 |
| Beet, wild          | 3 |
| Buttercup           | 3 |
| Chickweed, common   | 3 |
| Jimsonweed          | 3 |
| Mustard,            |   |
| Tumble              | 3 |
| Wild                | 3 |
| Black               | 3 |
| Nightshade,         |   |
| Black               | 3 |
| Eastern black       | 3 |
| Hairy               | 3 |
| Pennycress, field   | 3 |
| Pigweed,            |   |
| Redroot             | 3 |
| Smooth              | 3 |
| Spiny               | 3 |
| Puncturevine        | 3 |
| Radish, wild        | 3 |
| Shepherdspurse      | 3 |
| Tansymustard, green | 3 |

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**BROADLEAF WEEDS SUPPRESSED BY RAPTOR® HERBICIDE**

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**Application Rate**

**RAPTOR at 4 oz./A +  
Basagran at 6 – 16 oz./A**

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**Maximum Weed Size (inches)**

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|                       |   |
|-----------------------|---|
| Buckwheat, wild       | 3 |
| Chickweed, common     | 3 |
| Cocklebur, common     | 3 |
| Lambsquarters, common | 3 |
| Knotweed, prostrate   | 3 |
| Kochia <sup>1</sup>   | 3 |
| Lettuce, miners       | 3 |
| Morningglory          |   |
| Entireleaf            | 3 |
| Ivyleaf               | 3 |
| Smallflower           | 3 |
| Tall                  | 3 |
| Purslane, common      | 3 |
| Rocket, London        | 3 |
| Smartweed             |   |
| Ladysthumb            | 3 |
| Pennsylvania          | 3 |
| Spurge, prostrate     | 3 |

<sup>1</sup>**Raptor** control non-ALS resistant kochia only.

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**GRASS WEEDS CONTROLLED BY RAPTOR® HERBICIDE**

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**Application Rate**

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**RAPTOR at 4 oz./A +  
Basagran at 6 – 16 oz./A**

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**Maximum Weed Size (inches)**

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|                                  |     |
|----------------------------------|-----|
| Barnyardgrass                    | 3   |
| Blackgrass                       | 3   |
| Brome,                           |     |
| Downy                            | 3   |
| Cheat                            | 3   |
| Japanese                         | 3   |
| Canarygrass, littleseed          | 3   |
| Cereals, volunteer               |     |
| Barley                           | 3   |
| Oat                              | 3   |
| Wheat (non- <b>CLEARFIELD*</b> ) | 3   |
| Darnel, Persian                  | 3   |
| Foxtail,                         |     |
| Giant                            | 3   |
| Green                            | 3   |
| Yellow                           | 3   |
| Jointed goatgrass                | 3   |
| Oats, wild                       | 3   |
| Ryegrass, Italian                | 3   |
| Shattercane                      | 3   |
| Volunteer corn <sup>1</sup>      | 2-8 |

<sup>1</sup> Except imidazolinone tolerant corn

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**GRASS WEEDS SUPPRESSED BY RAPTOR**

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**Application Rate**

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**RAPTOR at 4 oz./A +  
Basagran at 6 – 16 oz./A**

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**Maximum Weed Size (inches)**

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|                       |   |
|-----------------------|---|
| Johnsongrass, rhizome | 3 |
| Crabgrass,            |   |
| Large                 | 3 |
| Smooth                | 3 |
| Sedges                |   |
| Purple                | 3 |
| Yellow                | 3 |
| Quackgrass            | 3 |

## ROTATIONAL CROP GUIDELINES

See main **Raptor® herbicide** label for rotational plant-back intervals following applications of **Raptor** herbicide.

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