

**PLEASE NOTE**

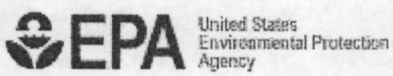
This image contains more than one label approved for this product on this date.

7969-278

3/10/2011

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Jaeger

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



Office of Pesticide Programs

Dr. Craig D. Kleppe  
BASF Corporation  
Agricultural Products  
26 Davis Dr.  
Research Triangle Park, NC 27709-3528

MAR 10 2011

Subject: Supplemental Label – English and sugar snap peas in NY  
EPA Reg. No.: 7969-278  
SHARPEN Powered by KIXOR® Herbicide

Dear Dr. Kleppe,

The supplemental label described above, submitted January 19, 2011, and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable. A stamped copy of the label is enclosed for your records.

If you have any questions, please contact Kathryn Montague (703-305-1243 or [montague.kathryn@epa.gov](mailto:montague.kathryn@epa.gov) ).

Sincerely,

Kathryn V. Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

enclosure

# Final Print Supplemental Label



## For use in English (garden, green) and sugar snap (edible-podded) peas in New York

This supplemental label expires March 10, 2014.

### Active Ingredient:

saflufenacil: N'-[2-chloro-4-fluoro-5-(3-methyl-2,6-dioxo-4-(trifluoromethyl)-3,6-dihydro-1(2H)-pyrimidinyl)benzoyl]-N-isopropyl-N-methylsulfamide..... 29.74%

Other Ingredients:..... 70.26%

Total: ..... 100.00%

Contains 2.85 pounds active ingredient saflufenacil per gallon formulated as a water-based suspension concentrate.

EPA Reg. No. 7969-278

### Directions For Use

Refer to the Sharpen™ herbicide main label, EPA Reg. No. 7969-278, for complete Directions For Use and all applicable restrictions and precautions. When following the instructions on this supplemental label, the user must have this label and the entire Sharpen container label in possession at the time of pesticide application.

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

### Use Information

Apply Sharpen preplant incorporated or preemergence in English or sugar snap peas for residual suppression of the following broadleaf weeds:

- Black nightshade
- Common lambsquarters
- Redroot pigweed
- Velvetleaf

Before applying Sharpen to English or sugar snap peas, verify the selectivity of Sharpen on your variety with your seed company (supplier) to help avoid potential injury to sensitive varieties.

Use of Sharpen may result in delayed crop emergence and stunting under certain environmental conditions including cool temperatures, excessive rainfall/irrigation, and/or persistent wet soil conditions occurring after application.

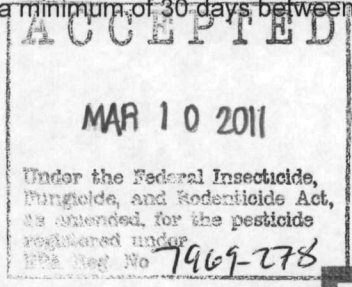
### Application Information

Apply Sharpen preplant incorporated or preemergence at 0.75 fl oz/A.

**Preplant incorporated** - Apply Sharpen up to one week prior to planting. DO NOT incorporate deeper than 3 inches.

**Preemergence** - Apply Sharpen up to 3 days after planting but prior to cracking stage or emergence, or severe crop injury will occur. Ensure that the seed row is closed. Soil conditions that cause poor seed furrow closure and coverage may result in delayed crop emergence or stunting.

A sequential application of Sharpen may be made with a minimum of 30 days between applications.



## Crop-specific Restrictions and Limitations

- **DO NOT** apply more than a maximum cumulative amount of 2.0 fl ozs/A of **Sharpen™ herbicide** (0.045 lb ai/A saflufenacil) per cropping season.
- **DO NOT** apply when peas have reached the cracking stage or after emergence or severe crop injury will occur.
- **DO NOT** apply **Sharpen** if cold and/or wet conditions are present or predicted to occur within 1 week of application.
- Plant peas at least 1/2 inch deep to reduce risk of crop injury from **Sharpen** application.
- **DO NOT** apply **Sharpen** with other products containing **Group 14/Group E** herbicides (such as sulfentrazone or flumioxazin) as a tank mix partner or sequential application within 30 days of planting because crop injury may result.
- Legume forage may be fed or grazed 65 or more days after application.
- Refer to the **Sharpen** product container label for crop rotation intervals.
- **Sharpen is not for sale, distribution, or use in Nassau and Suffolk counties in New York State.**

## Tank Mixtures

Broad-spectrum burndown control of grasses and/or additional broadleaf weeds will usually require a tank mix with another herbicide. **Sharpen** may be tank mixed or applied sequentially with one or more of, but not limited to, the following herbicide products:

- **Prowl® H<sub>2</sub>O herbicide**
- **Pursuit® herbicide**

**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.

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007969-00278.20110120b.NVA 2011-04-322-0005  
Based on: NVA 2010-04-322-0176

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709



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**NEXT**

**LABEL**

7969-278

3/10/2011

Jacke 10/4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

Dr. Craig D. Kleppe  
BASF Corporation  
Agricultural Products  
26 Davis Dr.  
Research Triangle Park, NC 27709-3528

MAR 10 2011

Subject: Supplemental Label – Seed Corn  
EPA Reg. No.: 7969-278  
SHARPEN Powered by KIXOR® Herbicide

Dear Dr. Kleppe,

The supplemental label described above, submitted January 19, 2011, and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable. A stamped copy of the label is enclosed for your records.

If you have any questions, please contact Kathryn Montague (703-305-1243 or [montague.kathryn@epa.gov](mailto:montague.kathryn@epa.gov) ).

Sincerely,

A handwritten signature in cursive script that reads "Kathryn V. Montague".

Kathryn V. Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

enclosure

2014

ACCEPTED  
MAR 10 2011  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
Registration for this pesticide  
7969-278

Group 14 Herbicide

# Supplemental Label



## For use in seed corn

This supplemental label expires March 10, 2014.

### Active Ingredient:

saflufenacil: N'-[2-chloro-4-fluoro-5-(3-methyl-2,6-dioxo-4-(trifluoromethyl)-3,6-dihydro-1(2H)-pyrimidinyl)benzoyl]-N-isopropyl-N-methylsulfamide..... 29.74%

Other Ingredients:..... 70.26%

Total: ..... 100.00%

Contains 2.85 pounds active ingredient saflufenacil per gallon formulated as a water-based suspension concentrate.

EPA Reg. No. 7969-278

## Directions For Use

Refer to the Sharpen™ herbicide main label, EPA Reg. No. 7969-278, for complete Directions For Use and all applicable restrictions and precautions. When following the instructions on this supplemental label, the user must have this label and the entire Sharpen container label in possession at the time of pesticide application.

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

## Use Information

Sharpen may be applied preplant surface or preemergence to seed corn for burndown broadleaf weed control (refer to the product container label for list of weeds controlled). An adjuvant system (refer to Additives section in the product container label for details) is required for optimum burndown activity.

Before applying Sharpen to seed corn, verify the selectivity of Sharpen on your inbred line with your seed company (supplier) to help avoid potential injury to sensitive inbreds.

Sharpen may result in delayed crop emergence and stunting under certain environmental conditions including cool temperatures, excessive

rainfall/irrigation, and/or persistent wet soil conditions occur after application.

## Enhanced Burndown

Apply Sharpen preplant surface or preemergence at 1.0 to 2.0 fl ozs/A for enhanced burndown broadleaf weed control prior to crop emergence. DO NOT exceed 1.0 fl oz/A on coarse soils. Refer to product container label for definitions of soil texture groups.

Ensure that the seed row is closed. Soil conditions that cause poor seed furrow closure and coverage may result in delayed crop emergence or stunting.

A sequential application of Sharpen may be made with a minimum of 30 days between applications.

## Crop-specific Restrictions and Limitations

- DO NOT apply Sharpen after seed corn emergence or severe crop injury will occur.
- DO NOT apply Sharpen where an at-planting application of an organophosphate (OP) or carbamate insecticide(s) is planned and/or has occurred because severe injury may result.

**EXCEPTION:** Sharpen may be applied when Aztec® insecticide or Fortress® insecticide is applied at planting as a band, T-band, or in-furrow. Sharpen may be applied with all other classes of at-planting insecticides including pyrethroids, neonicotinoids, and fipronil.



- **DO NOT** apply more than a maximum cumulative amount of 4.0 fl ozs/A of **Sharpen** (0.089 lb ai/A saflufenacil) per cropping season.
- Corn forage and silage can be harvested, fed, or grazed 80 or more days after application.
- Refer to the product container label for rotational crop intervals.

**Tank Mixtures**

Broad-spectrum control of grasses and/or additional broadleaf weeds will usually require a tank mix with another herbicide. **Sharpen™ herbicide** may be tank mixed with or applied sequentially with one or more of, but not limited to, the following herbicide products:

- **Clarity® herbicide**
- **G-Max Lite™ herbicide**
- **Guardsman Max® herbicide**
- **Status® herbicide**
- atrazine
- glyphosate (e.g. **Roundup® herbicide**)

4044

### 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.

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**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

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007969-00278.20110119b.NVA 2011-04-322-0003

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709



The Chemical Company

**NEXT**

**LABEL**

7969-278

3/10/2011

Jackey 1093

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

Dr. Craig D. Kleppe  
BASF Corporation  
Agricultural Products  
26 Davis Dr.  
Research Triangle Park, NC 27709-3528

MAR 10 2011

Subject: Amendment to add rice preplant use  
EPA Reg. No.: 7969-278  
SHARPEN Powered by KIXOR® Herbicide

Dear Dr. Kleppe,

The supplemental label described above, submitted April 13, 2010, and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable. A stamped copy of the label is enclosed for your records.

An aquatic field dissipation study (OSCPP Guideline 835.6200) is required as a condition of registration of the rice preplant use. This study must be submitted to the Agency by March 10, 2014. Details on how this study should be conducted are provided in the Environmental Fate and Effects Branch memorandum, "Waiver Request for Aquatic Field Dissipation Study for Saflufenacil (Section 3 New Chemical Uses in Rice; Pre-plant Burn-down)," dated March 3, 2011, enclosed.

If you have any questions, please contact Kathryn Montague (703-305-1243 or [montague.kathryn@epa.gov](mailto:montague.kathryn@epa.gov) ).

Sincerely,

Kathryn V. Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

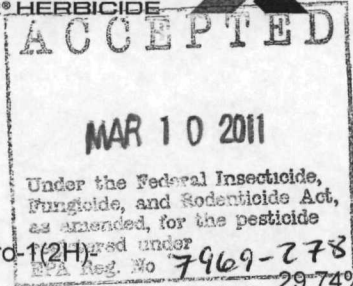
enclosure

2013

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|-------|----|-----------|
| Group | 14 | Herbicide |
|-------|----|-----------|

# Supplemental Label

**SHARPEN™**  
 POWERED BY **KIXOR®** HERBICIDE



## For preplant use in rice

This supplemental label expires on March 10, 2014.

**Active Ingredient:**

saflufenacil: N'-[2-chloro-4-fluoro-5-(3-methyl-2,6-dioxo-4-(trifluoromethyl)-3,6-dihydro-1(2H)-pyrimidinyl)benzoyl]-N-isopropyl-N-methylsulfamide..... 29.74%

**Other Ingredients:**..... 70.26%

**Total:** ..... 100.00%

Contains 2.85 pounds active ingredient saflufenacil per gallon formulated as a water-based suspension concentrate.

## EPA Reg. No. 7969-278

### Directions For Use

Refer to the **Sharpen™** herbicide main label, EPA Reg. No. 7969-278, for complete Directions For Use and all applicable restrictions and precautions. When following the instructions on this supplemental label, the user must have this label and the entire Sharpen container label in possession at the time of pesticide application.

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

### Use Information

**Sharpen** may be used for preplant burndown of emerged weeds in dry or drained fields intended for rice (drilled or dry-seeded, water-seeded) production. Only following rice seeding, the treated field can be irrigated (or flushed) as needed for uniform rice emergence and stand establishment.

### Application Information

#### Application Rates and Timings

Apply **Sharpen** as a broadcast burndown spray at 1.0 to 2.0 fl ozs/A at least 15 days prior to rice planting and 45 days before a permanent flood is established. An adjuvant system (refer to **Additives** section on the product container label for details) is required for

optimum broadleaf burndown activity. Best product performance is obtained when broadleaf weeds are small and actively growing. Thorough spray coverage of emerged weeds is essential and higher spray volumes may be needed for best performance.

#### Crop-specific Restrictions and Limitations

- **DO NOT** apply **Sharpen** after rice planting.
- **DO NOT** apply more than a maximum cumulative amount of 2.0 fl ozs/A of **Sharpen** per cropping season.
- **DO NOT** irrigate (flush) between **Sharpen** application and rice seeding.
- **DO NOT** initiate permanent flood to rice fields until 30 days or more after planting.
- **DO NOT** apply within 45 days of permanent flooding in water-seeded rice paddies.
- **DO NOT** use released tailwater for irrigation of adjacent crops.
- Refer to **Table 4** on the product container label for rotational crop intervals.

#### Tank Mixtures

Broad-spectrum burndown control of grasses and/or additional broadleaf weeds will require a tank mix with another herbicide. Read and follow the applicable restrictions and limitations and directions for use on the other product label. The most restrictive labeling applies to tank mixes. **Sharpen** may be tank mixed or applied sequentially with, but not limited to, glyphosate (e.g. **Roundup®** herbicide).

### 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.

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**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

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