



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
3125-486

Date of Issuance:  
**APR 8 1998**  
Expiration Date:  
**APR 30 2003**

NOTICE OF PESTICIDE:  
  X   Registration  
       Reregistration  
  
(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:  
FOE 5043 Technical  
Herbicide

Name and Address of Registrant (include ZIP Code):

Bayer Corporation  
8400 Hawthorn Road  
P.O. Box 4913  
Kansas City, MO 64120-0013

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered, reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, in his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c) (7) (C) provided that you:

1. Comply with all the terms and conditions as stated in attached correspondence dated March 26, 1998 from Bayer Corporation concerning additional data requirements for N-(4-fluorophenyl)-N-(1-methylethyl)-2-[[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]oxy]acetamide [proposed common name flucenacet].
2. Make the following label changes listed below before you release the product for shipment:
  - Add the phrase, "EPA Reg. No. 3125-486".

Signature of Approving Official:

Date:

3. Submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on corn and soybeans is conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1, and ends September 30. The product information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.

This information is to be submitted to:

Registration Support Branch  
Registration Division (7505C)  
Environmental Protection Agency  
Washington, DC 20460

If production will exceed 16% of the total corn and 26% of the total soybeans acres planted in the U.S. at the average application rates for products containing flufenacet, Agency permission must be obtained.

4. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

5. Submit by October 31, 2002 the following Studies conducted on accordance with the Good Laboratory Practice Standards, 40 CFR Part 160 and appropriate test guidelines as referenced in EPA's Data Requirements for Registration Regulations, 40 CFR Part 158:

- a. Acute Toxicity of the thiadone degradate to Aquatic Species [Guideline #'s 72-1, 72-2, and 72-3]
- b. Environmental Fate Data on the thiadone degradate [Guideline #'s 161-1, 161-2, 162-1, 162-2 or 162-3, 162-4, and 163-2]
- c. Freshwater Fish Life-Cycle Test conducted with FOE 5043 Technical [Guideline # 72-5]
- d. Two Prospective Groundwater Monitoring Studies at vulnerable sites
- e. Tier II Terrestrial Plant Test conducted with Axiom DF [Guideline # 123-1]
- f. Data regarding the stability of the glucoside conjugate and the malonylalanine conjugate of thiadone and subsequent bioavailability of any release free thiadone
- g. A revised analytical method
- h. Validation of the product chemistry enforcement analytical method [OPPTS 830.1800]
- i. Additional Crop Rotation data [Guideline # 165-2]

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j. Surface Water Monitoring

k. A Developmental Neurotoxicity Study

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

James A. Tompkins  
Product Manager (25)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

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UIA-9066.YLD

Base Pre-Reg (9066)

U.S. LABEL

Reason to Issue: To revise per EPA's letter dated 10/22/97.

**ACCEPTED** Date of Pre-Registration 1/03/97 (D)  
 with Comments  
 APR 8 1998  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, or amended, for the pesticide registered under EPA Reg. No. 3125-486

# FOE 5043

## Technical Herbicide

For use only in the manufacturing of herbicides.

**ACTIVE INGREDIENT:**

*N*-(4-Fluorophenyl)-*N*-(1-methylethyl)-2-[[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]oxy]acetamide ..... 95.0%

**INERT INGREDIENTS** ..... 5.0%

..... 100.0%

EPA File Symbol No. 3125-UIA

EPA Est. 3125-MO-1

U.S. Patent No. 4,645,525 and 4,585,471 and 4,968,342

Net Weight: \_\_\_ Pounds

**STOP - Read the Label Before Use  
KEEP OUT OF REACH OF CHILDREN**

### CAUTION

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Causes eye irritation. Avoid breathing dust or vapor. Avoid contact

with skin, eyes, and clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### STATEMENTS OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water, and induce vomiting by touching back of throat with finger, or if available, by administering syrup of ipecac. If syrup of ipecac is available, administer 1 tablespoonful (15 mL) of syrup ipecac followed by 1 to 2 glasses of water. If vomiting does not occur within 20 minutes, repeat the dose once. If person is unconscious, do not give anything by mouth and do not induce vomiting. If on skin: Wash with plenty of soap and water. Get

medical attention. ~~If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists. If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.~~

In case of poisoning, it is also requested that Bayer Corporation, Agriculture Division, Kansas City, Missouri, be notified. Telephone 800-414-0244

#### ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing

prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Text being added is highlighted by redlining:

Text being deleted is highlighted by ~~strikeout~~:

**FOE 5043 Technical**

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FOE 5043 and metribuzin have properties that may result in ground water contamination. Application in areas where soils are permeable or coarse and groundwater is near the surface could result in groundwater contamination.

Following application and during rainfall events that cause runoff, these chemicals may reach surface water bodies including streams and reservoirs.

### DIRECTIONS FOR USE

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

(3) Uses for experimental purposes that are in compliance with USEPA requirements.

Only for formulation into a herbicide, for (1) the following uses:

**Terrestrial food and feed crop uses:** field corn and soybeans.

(2) Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and,

BAYER CORPORATION DISCLAIMS ALL LIABILITY BASED ON BREACH OF WARRANTY, NEGLIGENCE, STRICT TORT LIABILITY, OR ANY OTHER THEORY OF LIABILITY FOR CROP DAMAGE OR FAILED EFFICACY RESULTING FROM THE USE OF THIS BAYER CORPORATION PRODUCT AS AN INGREDIENT IN ANY FORMULATION WITH A USE NOT SPECIFICALLY LISTED ON THIS LABEL.

### STORAGE AND DISPOSAL

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

container and out of the reach of children, preferably in a locked storage area.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Kansas City Emergency Response Telephone No. is 800-414-0244 or contact Chemtrec at 800-424-9300.

**Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Pesticide Storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original

