



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

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

EPA Reg  
Number:  
45639-  
210

Date of Issuance:  
JAN 13 1998

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Preclaim EW Herbicide

Name and Address of Registrant (include ZIP Code):

AgrEvo USA Company  
2711 Centerville Road  
Wilmington, DE 19808

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, on 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) (A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c) (5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

A. Child Resistant Packaging Required.

Signature of Approving Official:

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

Date:

JAN 13 1998

B. Agricultural Use Requirements -- Directions for Use should read:

"For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear: coveralls over long-sleeved shirt and long pants, socks and chemical resistant footwear and chemical resistant gloves (such as Nitrile, Butyl, Neoprene and/or Barrier Laminate).

C. In the Ingredient Labeling, add:

"Contains Petroleum Distillate and Signal Word "WARNING."

D. Precautionary Statement should read:

"Causes skin irritation. Harmful if swallowed or absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Wear long-sleeved shirt and long pants, socks and shoes and chemical resistant gloves (such as Nitrile, Butyl, Neoprene, and/or Barrier Laminate). Wash thoroughly with soap and water after handling.

Remove contaminated clothing and wash clothing before reuse.

E. Statement of Practical Treatment (SOPT) should read:

IF SWALLOWED: Call a physician or Poison Control Center. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention. For Category III, add "if symptoms persist."

Revised: November 13, 1997 (Edition #15)

**PRECLAIM™ CRABGRASS KILLER & WEED PREVENTER****Weed and Crabgrass Preventer and Eliminator for Residential Use on Cool Season Turfgrasses**

- \* Controls crabgrass and other weeds without harming the lawn (turf)
- \* Kills undesirable grasses and does not harm the lawn (turf)
- \* Controls crabgrass without harming the lawn
- \* Does not cause brown spots
- \* Dual action kills existing grassy weeds and controls new weeds as they germinate
- \* Dual action crabgrass and weed preventer and crabgrass eliminator
- \* For use over the top of the lawn
- \* Crabgrass free lawn
- \* For use over the top of some ornamentals
- \* Controls weeds and grasses
- \* Will not harm most ornamentals
- \* The preventive action lasts up to 3 months - season long
- \* Double action formula - grass and weed preventer & crabgrass eliminator
- \* Results in 4 to 10 days
- \* Dual action crabgrass control
- \* Covers up to [insert treatment area appropriate for container size] square feet

**ACTIVE INGREDIENTS:**

Fenoxaprop-p-ethyl: (+)-ethyl 2-[4-[(6-chloro-2- benzoxazolyl)oxy]phenoxy] propanoate\*..... 0.99%\*\*

Pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine ..... 33.64%\*\*

**INERT INGREDIENTS\*\*\*** ..... **65.37%****TOTAL: 100.00%**

\*\* Equivalent to 0.09 pound of pure fenoxaprop-p-ethyl (d isomer) per gallon and 3.0 pounds of pendimethalin per gallon

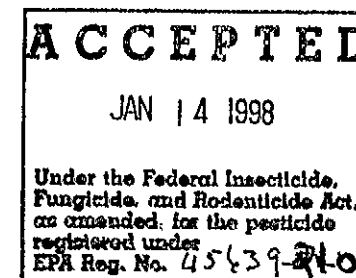
\*\*\* Contains petroleum distillates

**KEEP OUT OF REACH OF CHILDREN****WARNING**

EPA Registration Number: 45639-ERN

EPA Establishment Number:

NET CONTENTS: [1Quart, 1 Gallon &amp; 2.5 Gallons]

**AgrEvo USA Company**
**Little Falls Centre One**  
**2711 Centerville Road**  
**Wilmington, DE 19808**

\*Protected by U.S. Patent No. 5,254,527

3048

**STATEMENT OF PRACTICAL TREATMENT**

**If Swallowed:** Call a doctor or get medical attention. Do not induce vomiting. Drink a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Do not give anything by mouth to an unconscious person. Avoid alcohol.

**If in Eyes:** Flush eyes with plenty of water. Call a physician if eye irritation persists.

**If on Skin:** Wash with plenty of soap and water. Get medical attention.

If possible, bring the container and labeling to the attending physician.

**NOTE TO PHYSICIAN:** Because of increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent, vomiting should be induced only under professional supervision.

IN CASE OF MEDICAL EMERGENCIES OR HEALTH AND SAFETY INQUIRIES,  
OR IN CASE OF FIRE, LEAKING OR DAMAGED CONTAINERS, INFORMATION MAY BE  
OBTAINED BY CALLING: 800-228-5635, EXT. 202

For product inquiry information, call 800-441-6138, Ext. 3083

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS****WARNING**

Causes skin irritation. Harmful if swallowed or absorbed through skin. Wear long-sleeved shirt and long pants, socks and shoes and chemical resistant gloves. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Do not enter treated areas until spray has dried.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

**STORAGE AND DISPOSAL**

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

**PRODUCT STORAGE:** Do not store over 100°F or below 40°F. Use and store this product in its original container. Do not put concentrate or diluted product into food or drink containers. Keep container tightly closed when not in use. Avoid cross-contamination with other pesticides. Store product in a secure storage area.

**PRODUCT DISPOSAL:** Partially filled bottle may be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash. In case of spill or leak, soak up with paper towels and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse empty bottle. Rinse thoroughly and wrap in several layers of newspaper before discarding in trash.

### DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. Do not apply this product through any type of irrigation system. Keep unprotected persons out of treated areas until spray has dried.**

## GENERAL INFORMATION

**Preclaim Crabgrass Killer & Weed Preventer** eliminates and prevents the growth of many weeds infesting lawns, turf areas and ornamental plantings in residential settings. **Preclaim Crabgrass Killer & Weed Preventer** has a dual action: (1) it controls existing crabgrass and other grassy weeds in lawns and (2) it controls new weeds as they germinate without harming the lawn. **Preclaim Crabgrass Killer & Weed Preventer** does not control existing broadleaf weeds.

**Thorough coverage of existing grassy weeds will provide best results. Young, actively growing grassy weeds are more easily controlled than larger established grassy weeds. Visual symptoms of the annual grassy weeds are evident approximately 4-10 days after application (dependent upon weather conditions) but control of the grassy weeds will take 12-21 days.**

The results of Preclaim Crabgrass Killer & Weed Preventer are improved if the application is allowed to dry and then is followed by at least one-half inch of rainfall or its equivalent in sprinkler irrigation within 30 days. If this water management schedule is not followed, erratic weed control may result.

**Preclaim Crabgrass Killer & Weed Preventer may cause temporary coloration of sprayed surfaces. Rinse any inadvertently sprayed surfaces immediately to avoid staining.**

## WEED CONTROL IN LAWNS AND ORNAMENTAL BEDS AND PLANTINGS

### Use in Turfgrass Species (Lawns, Sod, Turf Areas)

Preclaim Crabgrass Killer & Weed Preventer can be applied for the control of existing grassy weeds and germinating grasses and weeds in a wide range of established lawns (turfgrasses). For best results, apply Preclaim Crabgrass Killer & Weed Preventer uniformly to the problem areas in all varieties of the following turfgrass species: Kentucky bluegrass, perennial ryegrass, fine fescues, tall fescue and Zoysiagrass.

**DO NOT apply to St. Augustinegrass, Bermudagrass, centipedegrass or any other turfgrass other than those listed above. Preclaim Crabgrass Killer & Weed Preventer should only be applied to well established turfgrass.**

## Weed Control in Ornamental Beds and Plantings

Preclaim Crabgrass Killer & Weed Preventer can be applied for the control of existing grassy weeds and germinating grasses and weeds in and among a wide range of established ornamental plants. Plant tolerance may vary according to environmental conditions. Determine tolerance prior to extensive use. Preclaim Crabgrass Killer & Weed Preventer can be safely applied over-the-top of the following listed plants:

Common Name	Scientific Name
Azalea	<i>Rhododendron</i>
Barberry	<i>Berberis</i>
Boxwood, Korean	<i>Buxus</i>
Cotoneaster	<i>Cotoneaster</i>
Dogwood, flowering	<i>Cornus</i>
English ivy	<i>Hedera</i>
Euonymus	<i>Euonymus</i>
False cypress	<i>Chamaecyparis</i>
Firethorn	<i>Pyracantha</i>
Forsythia	<i>Forsythia</i>
Holly, American	<i>Ilex</i>
Holly, Japanese	<i>Ilex</i>
Juniper, blue rug	<i>Juniperus</i>
Juniper, dwarf shore	<i>Juniperus</i>
Juniper, Parsonii	<i>Juniperus</i>
Juniper, San Jose	<i>Juniperus</i>
Juniper, Wiltoni	<i>Juniperus</i>
Magnolia	<i>Magnolia</i>
Maple, Japanese	<i>Acer</i>
Maple, red	<i>Acer</i>
Nandina	<i>Nandina</i>
Oleander	<i>Nerium</i>
Photinia	<i>Photinia</i>
Pine, white	<i>Pinus</i>
Privet	<i>Ligustrum</i>
Rhododendron	<i>Rhododendron</i>
Willow	<i>Salix</i>
Yew	<i>Taxus</i>

DO NOT apply Preclaim Crabgrass Killer & Weed Preventer to the following ornamental plants as injury will result.

Common Name	Scientific Name
Hydrangea	<i>Hydrangea</i>
Juniper, bartharbor	<i>Juniperus</i>
Philodendron	<i>Philodendron</i>
Pittosporum	<i>Pittosporum</i>
Podocarpus	<i>Podocarpus</i>
Salvia	<i>Salvia</i>

## Grassy Weeds Controlled

Preclaim Crabgrass Killer & Weed Preventer will provide control the following grassy weed species.

Smooth crabgrass	Panicum species
Hairy crabgrass	Johnsongrass (seedling)
Goosegrass, silver crabgrass	Sandbur
Barnyardgrass	Sprangletop
Foxtail species	

Preclaim Crabgrass Killer & Weed Preventer will provide preventive control of the following grasses and weeds. Application must be made prior to germination of weeds. Preclaim Crabgrass Killer & Weed Preventer will not control these grasses and weeds after they become established.

Burweed	Lovegrass
Bluegrass, annual	Pigweed
Carpetweed	Puncturevine
Chickweed	Purslane
Clover, hop	Pusley, Florida
Crowfootgrass	Rocket, London —
Cudweed	Shepherdspurse
Evening primrose	Signalgrass
Fiddleneck, coast	Speedwell, corn
Filaree	Smartweed, Pennsylvania
Henbit	Spurge, annual
Itchgrass	Spurge, prostrate
Junglerice	Witchgrass
Knotweed, prostrate	Woodsorrel, yellow
Kochia	Woolly cupgrass
Lambsquarters	Velvetleaf (buttonweed)

## HOW TO USE

Apply Preclaim Crabgrass Killer & Weed Preventer when crabgrass first appears. Mix 2 - 3 ounces in 2 gallons of water and apply uniformly to 1,000 square feet using a pump-up type sprayer. If fall reseeding or overseeding is planned, do not use this product after June 15th. Thorough coverage of existing grassy weeds is necessary for best results when using Preclaim Crabgrass Killer & Weed Preventer. Young, actively growing grassy weeds are more easily controlled than larger established grassy weeds. Avoid applications to turfgrass under stress due to lack of moisture or temperature extremes.

### Mixing and Applying

1. Use a hand-held pump-up type sprayer.
2. Fill the tank one-half to three-quarters full with clean water.
3. Add Preclaim Crabgrass Killer & Weed Preventer slowly to the partially filled tank of water while agitating and then fill the remainder of the tank with water.
4. Agitate the tank sprayer occasionally while applying. If the spray mixture is allowed to settle for any period of time, thorough agitation is essential before spraying is resumed.
5. Thorough spray coverage is essential for best results.

### Notes for Weed Control in Turfgrass

1. Stunting and/or chlorosis (yellowing) may occur on succulent, rapidly growing Kentucky bluegrass. These symptoms are temporary and will subside.
2. Avoid application of Preclaim Crabgrass Killer & Weed Preventer to turfgrass under stress due to lack of moisture, chemical injury or temperature extremes.
3. Grassy weed control will be reduced if Preclaim Crabgrass Killer & Weed Preventer is applied when the soil moisture is low and the annual grasses are under moisture stress. Irrigation prior to or within 1 day after the application will improve annual grassy weed control performance.
4. The preventive (preemergence) activity of Preclaim Crabgrass Killer & Weed Preventer will improve if the application is followed (after the spray has dried) by at least one-half inch of rainfall or its equivalent in sprinkler irrigation. If Preclaim Crabgrass Killer & Weed Preventer is not activated by rainfall or irrigation within 30 days, erratic weed control may result.
5. In newly established turf areas, **DO NOT** apply Preclaim Crabgrass Killer & Weed Preventer to seedling Kentucky bluegrass, fine fescue, tall fescue, or perennial ryegrass until the turfgrass has filled in and has been mowed at least four times. On turf that has been thinned or damaged due to winter injury, excessive moisture, etc., allow for turf recovery prior to making an application.
6. **DO NOT** use on annual bluegrass (*Poa annua*), or dichondra where these are desired lawns.
7. Delay fall overseeding by 3 months and sprigging by 5 months after application.

### Notes for Weed Control in Ornamentals

1. Apply only to established ornamental plantings.
2. Avoid application of Preclaim Crabgrass Killer & Weed Preventer to ornamentals under stress due to lack of moisture, or temperature extremes.
3. Stunting and/or chlorosis may occur on succulent, rapidly growing ornamentals. These symptoms are temporary and will subside.
4. Adequate soil moisture will enhance the performance of Preclaim Crabgrass Killer & Weed Preventer. Thorough irrigation one to two days before or within one day after application will be helpful under drought conditions. Rainfall or irrigation within one hour of application or before spray deposit has dried may cause a reduction of grass control.
5. The preventive (preemergence) activity of Preclaim Crabgrass Killer & Weed Preventer will improve if the application is followed by one-half inch of rainfall or its equivalent in sprinkler irrigation. If Preclaim Crabgrass Killer & Weed Preventer is not activated by rainfall or irrigation within 30 days, erratic weed control may result.
6. **DO NOT** tank mix this product with any other product for application on ornamentals.

