

**GROUP 1 HERBICIDE**



# Acclaim<sup>®</sup>

## EXTRA

ACCEPTED  
FOR REGISTRATION  
**10/13/2017**

New York State Department  
of Environmental Conservation  
Division of Materials Management  
Pesticide Product Registration

Doc ID 553852

**HERBICIDE**

For postemergence annual and perennial grass control in turfgrass including sod farms, commercial and residential turf, and ornamentals

**ACTIVE INGREDIENT:**

fenoxaprop-p-ethyl: (+)-ethyl 2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoate ..... 6.59%\*

**OTHER INGREDIENTS:** ..... 93.41%\*\*

**TOTAL:** 100.00%

EPA Reg. No. 432-950

EPA Est. No. 264-CAN-001

\*Equivalent to 0.57 pound of pure fenoxaprop-p-ethyl (d isomer) per gallon

\*\*Contains petroleum distillates

**KEEP OUT OF REACH OF CHILDREN**

# CAUTION

Net Contents: **1 Pint**

**04192752 04496255F 160824AV1**

See Back Panel for First  
Aid Instructions and  
Booklet for Complete  
Precautionary Statements  
and Directions for Use.

For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY** Call **24 Hours A Day**  
**1-800-334-7577**

For **PRODUCT USE** Information Call **1-800-331-2867**

## FIRST AID

<b>If swallowed:</b>	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give any liquid to the person.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"><li>• Hold eyes open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing.

#### Personal Protective Equipment (PPE)

##### Applicators and other handlers must wear:

Long-sleeved shirt and long pants, shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## **USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor runoff or drift. Do not contaminate arable land and/or water when disposing of equipment washwaters.

## **PRODUCT INFORMATION**

Acclaim<sup>®</sup> Extra Herbicide is a water emulsion formulation containing 0.57 pound of active ingredient per gallon. Acclaim Extra Herbicide is used for postemergence control of annual grass weeds and suppression of some perennial grass weeds in established turfgrass and ornamental species. Acclaim Extra Herbicide does not control broadleaf weeds or sedges.

Acclaim Extra Herbicide is absorbed through the foliage. Thorough coverage is important. Visual injury on the grass weed is evident approximately 4 to 10 days after application (dependent upon environmental conditions) but control of the grass weeds will take 12 to 21 days. Visible effects begin as a chlorosis (yellowing) and/or reddening of the leaf surface followed by death of the weed.

## **DIRECTIONS FOR USE**

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

**Do not apply until you have read the entire label.**

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.

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PPE required 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, is: coveralls, chemical resistant gloves such as: butyl rubber > 11 mils; or natural rubber > 14 mils; or neoprene rubber > 14 mils; or nitrile rubber > 14 mils, shoes plus socks.

## NONAGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. The uses on commercial and residential turf, ornamentals, and rights-of-way are not within the scope of the WPS. Keep unprotected persons out of treated areas until sprays have dried.

## DIRECTIONS FOR USE IN TURFGRASS SPECIES

Acclaim Extra Herbicide can be applied as a broadcast application to all cultivars of the following turfgrass species:

Common Name	Scientific Name
Kentucky bluegrass	<i>Poa pratensis</i>
Perennial ryegrass	<i>Lolium perenne</i>
Fine fescue	<i>Festuca rubra</i>
Tall fescue	<i>Festuca arundinaceae</i>
Annual bluegrass	<i>Poa annua</i>
Zoysia grass	<i>Zoysia</i> spp.
Creeping Bentgrass*	<i>Agrostis palustris</i>

\*Follow special *Directions For Use On Bentgrass Turf*.

## WEED SPECIES CONTROLLED

Acclaim Extra Herbicide will control the following annual grass weeds:

Common Name	Scientific Name
Smooth crabgrass	<i>Digitaria ischaemum</i>
Large crabgrass	<i>Digitaria sanguinalis</i>
Goosegrass, silver crabgrass	<i>Eleusine indica</i>
Barnyardgrass	<i>Echinochloa crus-galli</i>
Foxtail species	<i>Setaria</i> spp.
Panicum species	<i>Panicum</i> spp.
Johnsongrass (seedling)	<i>Sorghum halepense</i>
Sandbur	<i>Cenchrus incertus</i>
Sprangletop	<i>Leptochloa</i> spp.
Japanese Stiltgrass	<i>Microstegium vimineum</i>

## WEED SPECIES SUPPRESSED

Acclaim Extra Herbicide will temporarily suppress the growth of the following perennial grass weeds:

Common Name	Scientific Name
Common bermudagrass	<i>Cynodon dactylon</i>
Johnsongrass (rhizome)	<i>Sorghum halepense</i>

Acclaim Extra Herbicide will suppress the growth of common Bermudagrass and rhizome Johnsongrass. Apply Acclaim Extra Herbicide at 20 fl oz/A (0.46 fl oz/1,000 sq ft) as soon as common Bermudagrass or rhizome Johnsongrass begins growth. Repeat applications of Acclaim Extra Herbicide every 28 to 35 days to continue growth suppression of these species. Do not apply more than a total of 120 fl oz per acre (2.75 fl oz/1,000 sq ft) per year.

## **RESISTANCE MANAGEMENT**

Fenoxaprop-p-ethyl, the active ingredient in Acclaim Extra, is a Group 1 herbicide (Acetyl CoA Carboxylase Inhibitor) based on the mechanism of action classification system of the Weed Science Society of America. Continual use of any herbicide with the same mechanism of action may lead to selection of resistant weed populations and reduction in efficacy. To manage the development and spread of resistant weed populations in turfgrass, use multiple herbicide mechanisms of action in mixture, sequence or rotation. Use herbicides at their full specified label rates for the hardest to control weed species present and in conjunction with sound cultural practices to enhance turfgrass competitiveness. Scout sites early and often to keep weeds under control. Monitor sites after herbicide application to ensure control was achieved and to avoid allowing surviving weeds to reproduce by seed or to proliferate vegetatively. Clean equipment between sites to minimize weed spread.

Contact your local extension specialist and /or Bayer representative for additional resistance management or IPM recommendation. Also for more information on Weed Resistance Management, visit the Herbicide Resistance Action Committee (HRAC) on the web at <http://www.hracglobal.com>.

## **APPLICATION INFORMATION**

Acclaim Extra Herbicide is a systemic herbicide which controls only grasses which are emerged at the time of spraying. Young, actively growing grass weeds are more easily controlled than larger grass weeds. Use 40-80 gallons of product per acre for thorough coverage. Refer to the following application rate and timing chart for application rates and timing of application. Avoid applications to turfgrass under stress due to lack of moisture, chemical injury or temperature extremes.

## **SPRAY DRIFT**

- Select nozzles and pressure that deliver medium or coarser spray droplets as indicated in nozzle manufacturer's catalogs and in accordance with ASABE Standard S-572.
- Applicators may spray only when wind speed is between 3 and 10 mph.

- For aerial applications, the maximum release height must be no higher than 10 feet from the top of the crop canopy, unless a greater application height is required for pilot safety.
- For aerial applications, the distance of the outer most nozzles on the boom must not exceed three-fourths of the length of the wingspan or rotor diameter. To further reduce drift, use one-half of the length of the wingspan or rotor diameter at the edge of a field.

## **ACCLAIM EXTRA HERBICIDE APPLICATION RATE AND TIMING CHART**

<b>ANNUAL GRASS WEED GROWTH STAGE</b>	<b>FL OZ/A</b>	<b>FL OZ / 1,000 SQ FT</b>
1-leaf to 2-leaf*	3.5	0.08
Untilled **	9	0.21
Untilled	13	0.30
1-tiller to 2-tiller	20	0.46
3-tiller to 4-tiller	28***	0.64
4-tiller to 5-tiller	39***	0.90

\*Apply this rate for use in multiple applications on Bentgrass turf.

\*\*Apply this rate only when tank mixing with pre-emergence herbicides.

\*\*\*Do not apply more than 28 ounces of product to Kentucky bluegrass or Zoysia grass per application. Do not apply more than 39 ounces of product to tall fescue, fine fescue or annual and perennial ryegrass.

### **Pressurized Hydraulic Sprayer Application**

Apply Acclaim Extra Herbicide by means of a pressurized hydraulic sprayer using 30 to 60 psi and 40 to 80 gal of water per acre (0.9 to 1.4 gal of finished spray/1,000 sq



ft). Thorough spray coverage is essential for optimum results. Flat fan nozzles are recommended.

### **High Volume Handgun Spray Application**

If a low pressure (<30 psi), high volume (>60 gpa) handgun type sprayer is utilized, the addition of a surfactant at 32 fl oz/100 gal is recommended. Thorough coverage is essential for optimum results.

### **Hand-Held Sprayer Application for Spot Treatments**

For hand-held pump-type sprayers, add 0.30 to 0.46 fl oz of Acclaim Extra Herbicide/gallon of water. Apply 0.30 fl oz of product/gal of water when the grass weed is in the 1 to 4-leaf stage of growth. Apply 0.46 fl oz of product/gal of water when the grass weed has 1 to 2-tillers. Spray target weeds thoroughly to the point of spray deposit runoff. Optimum results occur when spray coverage is thorough. The addition of a surfactant will improve coverage. A dye or colorant may be added to avoid spray pattern overlap.

### **MIXING DIRECTIONS**

Acclaim Extra Herbicide must be thoroughly mixed to ensure adequate weed control. Follow the directions below when preparing spray mixtures.

### **Broadcast Spray Equipment**

Fill the tank with approximately half of the required water and, with the pump or agitator operating, add the required amount of herbicide and continue filling the tank with the remainder of the water. Add surfactant if needed and mix thoroughly before the application is made.

### **Back pack or Hand-held Spray Equipment**

Fill the tank with approximately half of the required water then add the required amount of herbicide to the tank. Replace the cap and agitate by shaking and/or inverting the sprayer. Add the remaining water required and surfactant if needed, then repeat agitation to ensure that the herbicide solution is thoroughly mixed.

## **MOWING INFORMATION**

Do not mow treated areas for at least 24 hours to allow time for penetration and translocation into the grass weeds. The effectiveness of Acclaim Extra Herbicide is reduced when grass clippings interfere with thorough spray coverage of the target weeds.

## **REPEAT APPLICATION INFORMATION**

Repeat applications of Acclaim Extra Herbicide may be required under the following conditions (refer to the Application Rate and Timing Recommendation Chart for dosages):

- (a) Continued grass weed seed germination after the initial application
- (b) When dense populations of weeds prevent thorough spray coverage of the entire leaf surface of target weeds
- (c) For suppression of common Bermudagrass and rhizome Johnsongrass

Do not apply more than a total of 120 fl oz of product/A (2.75 fl oz/1,000 sq ft) per year. Avoid applying repeat applications of Acclaim Extra Herbicide sooner than 14 days after the previous application. Repeat Acclaim Extra Herbicide applications must be made only to grass weeds with vigorous growth. If turfgrass stunting occurred with the previous application, avoid applying until turfgrass recovery is complete (unless temporary stunting can be tolerated).

## **DIRECTIONS FOR USE OF ACCLAIM EXTRA HERBICIDE IN TANK MIXES**

Acclaim Extra Herbicide is compatible in tank mixes with many other commonly used herbicides, insecticides, fungicides, and fertilizers. Always follow the use directions in accordance with the respective labels. Compatibility of Acclaim Extra Herbicide and other products must be determined in a jar test as follows:

1. Using a clear glass jar three-quarters full with water.
2. Add the appropriate amount of herbicide in the following order; (a) dry flowable, (b) wettable powder, (c) aqueous suspensions, (d) flowables, (e) liquids and (f) so-

lutions and emulsifiable or liquid concentrates. Shake or gently stir jar after each addition to thoroughly mix.

3. After adding all ingredients, let the mixture stand for 15 minutes and then look for separation, large flakes, precipitates, gels, and heavy oily film on the jar or other signs of incompatibility.
4. If the compatibility test shows signs of incompatibility, do not tank mix the product tested with Acclaim Extra Herbicide.

### **A. PRE-EMERGENCE RESIDUAL HERBICIDES**

A tank mix application of Acclaim Extra Herbicide and residual herbicides may be made to provide residual annual grass control. Apply Acclaim Extra Herbicide at rates of 9.0 to 28 fl oz/A or 0.21 to 0.64 fl oz/1,000 sq ft according to the application rate and timing recommendation chart when tank mixing with the following products: Barricade®, bensulide 4E, Dacthal®, Dimension®, pendimethalin, Tupersan® and Ronstar® WP.

### **B. POSTEMERGENCE BROADLEAF HERBICIDES**

A tank mix application of Acclaim Extra Herbicide and broadleaf herbicides may be made to provide broadleaf weed and annual grass weed control. Apply after grass weed germination.

Apply Acclaim Extra Herbicide at rates of 9.0 to 39 fl oz/A or 0.21 to 0.90 fl oz/1,000 sq ft according to the application rate and timing recommendation chart when tank mixing with the following products: dicamba, Confront®, Turflon®, Amine, and Turflon® Ester.

Apply the 9 oz rate only when tank mixing with pre-emergence products.

Always apply the following tank mixes of Acclaim Extra Herbicide with pendimethalin at 2.5 lbs/A or 0.9 fl oz/1,000 sq ft. Apply before grass weeds tiller at a rate of 28 fl oz/A or 0.64 fl oz/1,000 sq ft.

### **Acclaim Extra Herbicide tank mixes for control of Bermudagrass in Zoysia grass and Tall fescue:**

Tank mixes of Acclaim Extra Herbicide and triclopyr ester may be used to control

Bermudagrass in Zoysia grass and tall fescue when used in a treatment program. A tank mixture of Acclaim Extra Herbicide at 20-28 fl oz/A and 16-32 oz of triclopyr beginning two weeks prior to the time when Bermudagrass normally becomes evident in Zoysia grass and Tall fescue. For the best results, repeat applications every 4-6 weeks for up to 5 applications a season depending on your local conditions. Use the lower rates for uniform populations of Bermudagrass intermixed with the desired turf and higher rates where large Bermudagrass patches are dominant in the turf stand. Do not apply Acclaim Extra Herbicide at more than a total of 120 fl oz/A (2.75 fl oz/1,000 sq ft) per year.

### **NOTES FOR WEED CONTROL IN TURFGRASSES**

1. Stunting and/or chlorosis may occur on succulent, rapidly growing Kentucky bluegrass. Symptoms are temporary and will subside.
2. Adequate soil moisture will enhance the performance of Acclaim Extra Herbicide. Avoid application of Acclaim Extra Herbicide under DROUGHT STRESS conditions. Thorough irrigation one to two days before or within one day after application will be helpful under these conditions.
3. Rainfall or irrigation before spray deposit has dried may cause a reduction in grass control. Allow spray deposit to dry at least one hour before irrigation.
4. Acclaim Extra Herbicide may be applied at no more than 9.0 fl oz/A on Kentucky bluegrass seedlings that have tillered and have been emerged for at least one month. Temporary discoloration and stunting of bluegrass seedlings may occur at this timing. Seedlings will recover, however; and the final bluegrass stand will be improved due to reduced competition from the annual grass weeds. Annual grass weeds must be untilled at the time of application for adequate control. Do not reapply Acclaim Extra Herbicide to previously treated seedling Kentucky bluegrass for at least two months. When utilizing Acclaim Extra Herbicide at rates higher than 9.0 fl oz/A, Kentucky bluegrass seedlings must be at least three growing months old. DO NOT apply Acclaim Extra Herbicide to seedling fine leaf fescue,

- tall fescue, or perennial ryegrass less than 4 weeks old.
5. Broadleaf herbicides such as 2,4-D or MCPP may reduce the effectiveness of Acclaim Extra Herbicide. Do not apply Acclaim Extra Herbicide within 21 days following a 2,4-D or MCPP application, or 5 days before a 2,4-D or MCPP application.
  6. Acclaim Extra Herbicide is a selective grass weed herbicide and has little or no activity on broadleaf plants and sedges.
  7. Acclaim Extra Herbicide may be applied to newly plugged Zoysia grass. Fescues and ryegrass may be overseeded immediately following Acclaim Extra Herbicide applications. All other turf species must be overseeded after a 21-day waiting period.
  8. DO NOT APPLY this product through any type of irrigation system.
  9. DO NOT APPLY Acclaim Extra Herbicide to sod within 4 weeks before cutting for transplanting or within 4 weeks after transplanting.
  10. Annual grass weeds that have multiple tillers may require repeat applications.

#### **DIRECTIONS FOR USE ON BENTGRASS TURF**

Acclaim Extra Herbicide may be applied only to the following established bentgrass varieties maintained at a minimum cutting height of at least 1/4 inch: Penncross, Penneagle, Pennlinks, J.H. Bent, Southshore, SR 1020, Providence, Putter, Kingstown, Tracenta, Bardot, Egmont, Allure, Seaside, and Colonial. The turf must be established for at least one growing season before Acclaim Extra Herbicide is applied. DO NOT APPLY TO BENTGRASS PUTTING GREENS.

To control crabgrass and goosegrass in bentgrass turf, apply 0.08 fl oz/1,000 sq ft (3.5 fl oz/A). The Acclaim Extra Herbicide applications must be made at 14 to 21-day intervals beginning when annual grass weeds first emerge and are not larger than 2-leaf. Repeat applications throughout the summer as new infestations of 1 to 2 leaf annual grass weeds occur. DO NOT apply more than 10 applications per year. Delay repeat applications to bentgrass turf under stress conditions. Injury may occur when applied during or immediately following periods of prolonged cool and/or moist conditions. Tank mixing with micronutrient mixes containing nitrogen and iron or slow release nitrogen products

may alleviate injury symptoms to bentgrass turf. Spray volumes of 100 gal/A (2.30 gal/1,000 sq ft) are suggested for improved bentgrass turf tolerance. DO NOT tank mix Acclaim Extra Herbicide with other pesticides or fertilizers on bentgrass turf except those fungicides listed on this label. The use of a colorant or dye in the spray tank is recommended so that spray pattern overlapping can be avoided.

### **DIRECTIONS FOR USE IN ORNAMENTALS**

Acclaim Extra Herbicide can be applied for control of grass weeds in a wide range of established ornamental species. Plant tolerance may vary according to environmental conditions. Determine tolerance prior to extensive use.

Acclaim Extra Herbicide may be applied as a broadcast spray in the following plantings:

### **DECIDUOUS AND EVERGREEN TREES AND SHRUBS**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Common Name</b>	<b>Scientific Name</b>
Azalea	<i>Rhododendron</i>	Holly, Japanese	<i>Ilex</i>
Barberry	<i>Berberis</i>	Holly, meservae	<i>Ilex</i>
Boxwood, Korean	<i>Buxus</i>	Hydrangea	<i>Hydrangea</i>
Cotoneaster	<i>Cotoneaster</i>	Juniper, Blue Rug	<i>Juniperus</i>
Dogwood, flowering	<i>Cornus</i>	Juniper, Dwarf Shore	<i>Juniperus</i>
English Ivy	<i>Hedera</i>	Juniper, Parsonii	<i>Juniperus</i>
Euonymus	<i>Euonymus</i>	Juniper, San Jose	<i>Juniperus</i>
False Cypress	<i>Chamaecyparis</i>	Juniper, Wiltoni	<i>Juniperus</i>
Firethorn	<i>Pyracantha</i>	Magnolia	<i>Magnolia</i>
Forsythia	<i>Forsythia</i>	Maple, Japanese	<i>Acer</i>
Hawthorn	<i>Crataegus</i>	Maple, Red	<i>Acer</i>
Holly, American	<i>Ilex</i>	Nandina	<i>Nandina</i>

(continued)

**DECIDUOUS AND EVERGREEN TREES AND SHRUBS** *(continued)*

<b>Common Name</b>	<b>Scientific Name</b>	<b>Common Name</b>	<b>Scientific Name</b>
Oleander	<i>Nerium</i>	Rose	<i>Rosa</i>
Periwinkle	<i>Vinca</i>	Viburnum	<i>Viburnum</i>
Photinia	<i>Photinia</i>	Weigela	<i>Weigela</i>
Pine, White	<i>Pinus</i>	Willow	<i>Salix</i>
Privet	<i>Ligustrum</i>	Yew	<i>Taxus</i>
Rhododendron	<i>Rhododendron</i>		

**HERBACEOUS & FLOWERING PLANTS**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Common Name</b>	<b>Scientific Name</b>
African Daisy	<i>Osteospermum</i>	Candytuft	<i>Iberis</i>
Ajuga	<i>Ajuga</i>	Catchfly	<i>Silene</i>
Astilbe	<i>Astilbe</i>	Chrysanthemum	<i>Chrysanthemum</i>
Baby Blue Eyes	<i>Nemophila</i>	Coleus	<i>Coleus</i>
Baby's Breath	<i>Gypsophila</i>	Columbine	<i>Aquilegia</i>
Begonia	<i>Begonia</i>	Coneflower, Purple	<i>Echinacea</i>
Bellflower	<i>Campanula</i>	Coreopsis	<i>Coreopsis</i>
Black-Eyed Susan	<i>Rudbeckia</i>	Corn Poppy	<i>Papaver</i>
Bleeding Heart	<i>Dicentra</i>	Cosmos	<i>Cosmos</i>
Blue Bells	<i>Mertensia</i>	Creeping Zinnia	<i>Sanvitalia</i>
Blue Flax	<i>Lobelia</i>	Daisy, Shasta	<i>Chrysanthemum</i>
California Poppy	<i>Eschscholzia</i>	Dames Rocket	<i>Hesperis</i>

*(continued)*

## HERBACEOUS & FLOWERING PLANTS *(continued)*

Common Name	Scientific Name	Common Name	Scientific Name
Dwarf Columbine	<i>Aquilegia</i>	Periwinkle, annual	<i>Vinca</i>
Dwarf Cornflower	<i>Centaurea</i>	Pimpernel	<i>Anagallis</i>
English Wallflower	<i>Erysimum</i>	Prairie Coneflower	<i>Ratibida</i>
Forget-Me-Not	<i>Myosotis</i>	Red Yarrow	<i>Achillea</i>
Forget-Me-Not	<i>Anchusa</i>	Rocket Larkspur	<i>Delphinium</i>
Gaillardia	<i>Gaillardia</i>	Rocky Mt. Penstemon	<i>Penstemon</i>
Garland Chrysanthemum	<i>Chrysanthemum</i>	Roman Chamomile	<i>Matricaria</i>
		Scarlet Flax	<i>Linum</i>
Gazania	<i>Gazania</i>	Siberian Wallflower	<i>Erysimum</i>
Geranium	<i>Pelargonium</i>	Small Burnet	<i>Sanguisorba</i>
Gilia	<i>Gilia</i>	Snapdragon	<i>Antirrhinum</i>
Hosta	<i>Hosta</i>	Snow-in-Summer	<i>Cerastium</i>
Iris	<i>Iris</i>	Soapwort	<i>Saponaria</i>
Leopards-Bane	<i>Doronicum</i>	Spurred Snapdragon	<i>Antirrhinum</i>
Liatris	<i>Liatris</i>	Starflower	<i>Trientalis</i>
Lily, day	<i>Hemerocallis</i>	Statice, Annual	<i>Statice</i>
Liriope	<i>Liriope</i>	Sweet Alyssum	<i>Lobulari</i>
Maiden Pinks	<i>Dianthus</i>	Sweet William	<i>Dianthus</i>
Missouri Primrose	<i>Oenothera</i>	Tall Primrose	<i>Oenothera</i>
Mountain Phlox	<i>Phloxera</i>	Tall Godetia	<i>Godetia</i>
Peony	<i>Peony</i>	Tidy Tips	<i>Layia</i>

*(continued)*



## HERBACEOUS & FLOWERING PLANTS *(continued)*

Common Name	Scientific Name	Common Name	Scientific Name
White Yarrow	<i>Achillea</i>	Zinnia	<i>Zinnia</i>
Wild Thyme	<i>Thymus</i>		

**Applications of Acclaim Extra Herbicide in the culture of the following ornamental plants will result in phytotoxicity:**

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

## WEED SPECIES CONTROLLED

**Acclaim Extra Herbicide will control the following annual grass weeds:**

Common Name	Scientific Name
Smooth Crabgrass	<i>Digitaria ischaemum</i>
Hairy Crabgrass	<i>Digitaria sanguinalis</i>
Goosegrass, Silver Crabgrass	<i>Eleusine indica</i>
Barnyardgrass	<i>Echinochloa crus-galli</i>
Foxtail Species	<i>Setaria</i> spp.
Panicum Species	<i>Panicum</i> spp.
Johnsongrass (seedlings)	<i>Sorghum halepense</i>
Sandbur	<i>Cenchrus incertus</i>
Sprangletop	<i>Leptochloa</i> spp.

## WEED SPECIES SUPPRESSED

Acclaim Extra Herbicide will temporarily suppress the growth of the following perennial grass weeds:

Common Name	Scientific Name
Common Bermudagrass	<i>Cynodon dactylon</i>
Johnsongrass (rhizome)	<i>Sorghum halepense</i>

Acclaim Extra Herbicide will suppress the growth of common Bermudagrass and rhizome Johnsongrass. Apply Acclaim Extra Herbicide at 20 fl oz/A (0.46 fl oz/1,000 sq ft) as soon as common Bermudagrass or rhizome Johnsongrass begins growth. Repeat applications of Acclaim Extra Herbicide every 28 to 35 days (never sooner than 14 days) to continue growth suppression of these species.

## APPLICATION INFORMATION

Acclaim Extra Herbicide only controls grasses which are emerged at the time of spraying. Young, actively growing grass weeds are more easily controlled than larger grass weeds. Refer to the following application rate and timing recommendation chart for dosages. Avoid applications to ornamentals under stress due to lack of moisture, chemical injury or temperature extremes.

ACCLAIM EXTRA HERBICIDE APPLICATION RATE AND TIMING CHART		
Annual Grass Weed Growth Stage	fl oz/ Acre	fl oz/1,000 sq ft
Untilled	13	0.30
1 tiller to 2 tiller	20	0.46
3 tiller to 4 tiller	28	0.64
4 tiller to 5 tiller	39	0.90

### **Pressurized Hydraulic Sprayer Application**

Apply Acclaim Extra Herbicide by means of a pressurized hydraulic sprayer using 30 to 60 psi and 40 to 80 gallons of water per acre (0.7 to 1.4 gal of finished spray per 1,000 sq ft). Thorough spray coverage is essential for optimum results. Flat fan nozzles are recommended.

### **High Volume Handgun Spray Application**

If a low pressure (<30 psi), high volume (>60 gpa) handgun type sprayer is utilized, the addition of a surfactant at 32 fl oz/100 gal is recommended. Thorough coverage is essential for optimum results.

### **Hand-Held Sprayer Application for Spot Treatments**

For hand-held pump-type sprayers, add 0.30 to 0.46 fl oz of Acclaim Extra Herbicide per gallon of water. Apply the lower rate when grass weeds have less than two tillers. Spray target weeds thoroughly to the point of spray deposit runoff. Optimum results occur when spray coverage is thorough. The addition of a surfactant will improve coverage. A dye or colorant may be added to avoid spray pattern overlap.

### **REPEAT APPLICATION INFORMATION**

Repeat applications of Acclaim Extra Herbicide may be required under the following conditions (refer to the Application Rate and Timing Recommendation Chart for dosages):

- (a) Continued grass weed seed germination after the initial application.
- (b) When dense populations of weeds prevent thorough spray coverage of the entire leaf surface of target weeds.
- (c) For suppression of common Bermudagrass, repeat applications of Acclaim Extra Herbicide may be necessary to retard new growth.
- (d) For suppression of rhizome Johnsongrass, apply Acclaim Extra Herbicide when the Johnsongrass is 24 to 60 inches tall. For best results, do not apply within 3 weeks following a mowing. Mowing immediately after the application may reduce the effectiveness of the Acclaim Extra Herbicide treatment.

Do not apply more than a total of 120 fl oz/A (2.75 fl oz/1,000 sq ft) per year. Apply Acclaim Extra Herbicide at 20 fl oz/A (0.46 fl oz/1,000 sq ft) as soon as common Bermudagrass or rhizome Johnsongrass begins growth. Repeat applications of Acclaim Extra Herbicide every 28 to 35 days (never sooner than 14 days) to continue growth suppression of these species. Repeat Acclaim Extra Herbicide applications must be made only to grass weeds with vigorous growth. If stunting or injury occurred with the previous application, avoid applying until turfgrass recovery is complete (unless temporary stunting can be tolerated).

### **NOTES FOR WEED CONTROL IN ORNAMENTALS**

1. Stunting and/or chlorosis may occur on succulent, rapidly growing ornamentals. Symptoms are temporary and will subside.
2. Adequate soil moisture will enhance the performance of ACCLAIM EXTRA HERBICIDE. Avoid application of ACCLAIM EXTRA HERBICIDE under DROUGHT STRESS conditions. Thorough irrigation one to two days before or within one day after application will be helpful under these conditions. Rainfall or irrigation within one hour of application may cause a reduction in grass control. Allow spray deposit to dry before irrigation.
3. DO NOT APPLY this product through any type of irrigation system.

## DIRECTIONS FOR USE IN RIGHTS-OF-WAY

Acclaim Extra Herbicide can be applied to all cultivars of the following cool season grass species:

Common Name	Scientific Name
Smooth Brome	<i>Bromus inermis</i>
Perennial Ryegrass	<i>Lolium perenne</i>
Fine Fescue	<i>Festuca rubra</i> spp.
Tall Fescue	<i>Festuca arundinaceae</i>
Common Bermudagrass	<i>Cynodon dactylon</i>
Wheatgrass	<i>Agropyron</i> spp.

Acclaim Extra Herbicide can be applied alone postemergence to established wildflower species as a broadcast spray for control of grass weeds in the following:

WILDFLOWER SPECIES			
Common Name	Scientific Name	Common Name	Scientific Name
African Daisy	<i>Dimorphotheca</i>	California Poppy	<i>Eschscholzia</i>
Annual Indian Blanket	<i>Gaillardia</i>	Catchfly	<i>Silene</i>
Baby Blue Eyes		Cosmos	<i>Cosmos</i>
Baby's Breath	<i>Nemophila</i>	Creeping Zinnia	<i>Sanvitalia</i>
Birds Eyes	<i>Gypsophila</i>	Dames Rocket	<i>Hesperis</i>
Black-Eyed Susan	<i>Gilia</i>	Dwarf Columbine	<i>Aquilegia</i>
Blue Bells	<i>Rudbeckia</i>	Dwarf Cornflower	<i>Centaurea</i>
Blue Flax	<i>Mertensia</i>	Dwarf Lance Leafed Coreopsis	<i>Coreopsis</i>
	<i>Linum</i>		

## WILDFLOWER SPECIES *(continued)*

Common Name	Scientific Name	Common Name	Scientific Name
English Wallflower	<i>Cheiranthus</i>	Roman Chamomile	<i>Matricaria</i>
Forget-Me-Not	<i>Anchusa</i>	Scarlet Flax	<i>Linum</i>
Garland	<i>Chrysanthemum</i>	Siberian Wallflower	<i>Erysimum</i>
Chrysanthemums		Small Burnet	<i>Sanguisorba</i>
Gilia	<i>Gilia</i>	Soapwort	<i>Saponaria</i>
Globe Gilia	<i>Gilia</i>	Spurred	
Johnny Jump Up	<i>Viola</i>	Snapdragon	<i>Linaria</i>
Lemon Mint	<i>Monarda</i>	Starflower	<i>Trientalis</i>
Maiden Pinks	<i>Dianthus</i>	Sweet Allyssum	<i>Lobularia</i>
Missouri Primrose	<i>Oenothera</i>	Sweet Williams	<i>Dianthus</i>
Mountain Phlox	<i>Phlox</i>	Tall Evening	
Pimpernel	<i>Anagallis</i>	Primrose	<i>Oenothera</i>
Prairie Coneflower	<i>Ratibida</i>	Tall Godetia	<i>Godetia</i>
Purple Coneflower	<i>Echinace</i>	Tall Plains Coreopsis	<i>Coreopsis</i>
Red Yarrow	<i>Achillea</i>	Tidy Tips	<i>Layia</i>
Rocket Larkspur	<i>Delphinium</i>	White Yarrow	<i>Achillea</i>
Rocky Mountain	<i>Penstemon</i>	Wild Thyme	<i>Thymus</i>
Penstemon			

## ESTABLISHED DESIRABLE NATIVE GRASSES

Common Name	Scientific Name
Big Bluestem	<i>Andropogon</i>
Blue Grama	<i>Bouteloua</i>
Little Bluestem	<i>Andropogon</i>
Sideoats Grama	<i>Bouteloua</i>

### Acclaim Extra Herbicide will control the following grass weeds:

Common Name	Scientific Name
Smooth Crabgrass	<i>Digitaria ischaemum</i>
Hairy Crabgrass	<i>Digitaria sanguinalis</i>
Goosegrass/Silver Crabgrass	<i>Eleusine indica</i>
Barnyardgrass	<i>Echinochloa crus-galli</i>
Foxtail Species	<i>Setaria</i> spp.
Panicum Species	<i>Panicum</i> spp.
Johnsongrass	<i>Sorghum halepense</i>
Wild Oats	<i>Avena fatua</i>
Roughstalk Bluegrass	<i>Poa trivialis</i>
Sandbur	<i>Cenchrus incertus</i>
Shattercane	<i>Sorghum bicolor</i>
Japanese Stiltgrass	<i>Microstegium vimineum</i>

## APPLICATION INFORMATION

Acclaim Extra Herbicide controls only grasses that have emerged at the time of spraying. Young, actively growing grassy weeds are more easily controlled than the larger grass weeds. Refer to the following application rate and timing recommendation chart for dosages. Avoid applications to grass under drought stress.

## ACCLAIM EXTRA HERBICIDE USE RATES PER ACRE

Grass Weed Growth Stage	Fl Oz/A	Pints/A
<b>ANNUAL GRASSES</b>		
1 Tiller	16	1.00
2 Tillers	20	1.25
4 Tillers	28	1.75
5 Tillers	39	2.44
<b>Grass Weed Growth Stage</b>	<b>fl oz/100 Gal</b>	<b>Pints/100 Gal</b>
<b>SEEDLING JOHNSONGRASS</b>		
Up to 12 inches	16	1.00
12 to 24 inches	20	1.25
<b>RHIZOME JOHNSONGRASS</b>		
Up to 12 inches	28	1.75
24 to 60 inches	39	2.44
<b>Repeat Applications</b>		
Up to 12 inches	11	0.69
2 to 24 inches	24	1.50
24 to 60 inches	39	2.44

### **Spray Application for Rights-of-Way**

Apply with ground equipment using 30 to 100 gal of water/A and 30 to 60 psi of water to uniformly cover the vegetation in the area to be treated. Use a fixed boom, off-center nozzles or boomless straight stream nozzles properly calibrated to a constant



speed of travel and rate of delivery. Allow mowed areas to regrow for at least 14 days before applying Acclaim Extra Herbicide.

### **Spray Application for Spot Treatments**

Add 40 fl oz of Acclaim Extra Herbicide per 100 gal of water and spray target weed thoroughly to the point of spray deposit runoff. Optimum results occur when spray pressure is sufficient to provide retention of spray deposit on target weed.

### **DIRECTIONS FOR USE OF ACCLAIM EXTRA HERBICIDE IN TANK MIXES**

For improved turfgrass tolerance and improved annual grass and Johnsongrass control, a tank mix of Acclaim Extra Herbicide and Fusilade® 2000 Herbicide must be applied on roadside rights-of-way. For best results, Acclaim Extra Herbicide must be applied at 7 fl oz/A and Fusilade 2000 Herbicide must be applied at 12 to 14 fl oz/A. When utilizing this tank mix, the annual grasses must be 1 leaf to 2 tillers in size; the rhizome Johnsongrass must be 10 to 25 inches in size. Crop oil concentrate must be added to this tank mix at 1% v/v (1 qt/25 gal of spray solution).

### **REPEAT APPLICATION INFORMATION**

Repeat applications of Acclaim Extra Herbicide may be required under the following conditions (refer to Application Rate And Timing Recommendation Chart for dosages):

- (a) Continued grass weed seed germination after the initial application.
- (b) When dense populations of weeds prevent thorough spray coverage of the entire leaf surface of the target weeds.

Do not apply more than a total of 120 fl oz/A (2.75 fl oz/1,000 sq ft) per year. Avoid applying a second application of Acclaim Extra Herbicide sooner than 14 days after the first application. A second Acclaim Extra Herbicide application must only be made to grass weeds with vigorous regrowth.

### **SURFACTANTS AND CROP OILS**

The addition of a nonionic surfactant or paraffin-based crop oil at a rate of 32 fl oz/100 gal of spray solution is prescribed for spray volumes between 30 and 100 gal/A. Thorough spray coverage is extremely important for optimum results.

## **NOTES FOR WEED CONTROL IN RIGHTS-OF-WAY**

1. Adequate soil moisture will enhance the performance of Acclaim Extra Herbicide. Reduced control may occur with Acclaim Extra Herbicide applied under DROUGHT STRESS conditions.
2. Rainfall within one hour following application may cause a reduction in grass control.
3. Broadleaf herbicides containing 2,4-D will reduce the effectiveness of Acclaim Extra Herbicide. Tank mixes with Telar3, Escort3, or Garlon4 are recommended. Do not apply Acclaim Extra Herbicide 5 days before a 2,4-D application or within 21 days following a 2,4-D application. DO NOT TANK MIX with any herbicides when applying Acclaim Extra Herbicide to wildflower species.
4. Acclaim Extra Herbicide is a selective grass weed herbicide and has little or no activity on broadleaf plants or sedges.
5. Fescues and ryegrass may be overseeded immediately following Acclaim Extra Herbicide applications. All other grass species must be overseeded after a 21-day waiting period.
6. Applications to Bermudagrass may result in temporary injury. Bermudagrass must be well established at the time of application, or severe injury may result.

### **STORAGE AND DISPOSAL**

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

#### **PESTICIDE STORAGE**

Store in original container and keep tightly closed when not in use. Store in a cool dry place. Avoid cross-contamination with other pesticides.

#### **PESTICIDE DISPOSAL**

Pesticides wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or

## **STORAGE AND DISPOSAL** *(continued)*

Hazardous Waste representative at the nearest EPA regional office for guidance in proper disposal methods.

### **CONTAINER HANDLING**

Non refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

## **IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

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**2 T. W. Alexander Drive**  
**Research Triangle Park, NC 27709**

**Bayer**

**GROUP 1 HERBICIDE**



# Acclaim<sup>®</sup>

**EXTRA HERBICIDE**

For postemergence annual and perennial grass control in turfgrass including sod farms, commercial and residential turf, and ornamentals

**ACTIVE INGREDIENT:**

fenoxaprop-p-ethyl: (+)-ethyl 2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoate ..... 6.59%\*

**OTHER INGREDIENTS:** ..... 93.41%\*\*

**TOTAL:** ..... 100.00%

**EPA Reg. No. 432-950**

**EPA Est. No. 264-CAN-001**

\*Equivalent to 0.57 pound of pure fenoxaprop-p-ethyl (d isomer) per gallon

\*\*Contains petroleum distillates

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

For **MEDICAL** and **TRANSPORTATION** Emergencies

**ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-800-331-2867

See Back Panel for First Aid Instructions and Booklet for Complete Precautionary Statements and Directions for Use.

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