

# Acclaim<sup>®</sup> Extra

**HERBICIDE**

*Specimen Label*

FOR SELECTIVE POSTEMERGENCE ANNUAL AND PERENNIAL GRASS CONTROL IN TURFGRASS INCLUDING SOD FARMS, COMMERCIAL AND RESIDENTIAL TURF, AND ORNAMENTALS

**ACTIVE INGREDIENT:**

fenoxaprop-p-ethyl:(+)-ethyl2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoate ..... 6.59%\*

**INERT INGREDIENTS:** ..... 93.41%\*\*

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

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

\*\*Contains petroleum distillates

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

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

EPA Reg. No. 432-950

EPA Est. No.

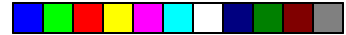
IN CASE OF MEDICAL, ENVIRONMENTAL, OR TRANSPORTATION EMERGENCIES OR INJURIES, CALL 1-800-334-7577 (24 HOURS/DAY).

FOR PRODUCT INFORMATION, CALL TOLL-FREE: 1-800-331-2867

**NET CONTENTS:**



**AVENTIS ENVIRONMENTAL SCIENCE USA LP**  
95 Chestnut Ridge Road • Montvale, NJ 07645



### FIRST AID

**IF SWALLOWED:** Do not induce vomiting. Call a physician. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.

### 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)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

#### 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 before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on 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.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Do not store over 100° F or below 10° F.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Empty containers should be triple rinsed into the spray tank during the spray operation, then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### GENERAL INFORMATION

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

Acclaim Extra is absorbed through the foliage. Thorough coverage is important. Visual injury on the grassy weed is evident approximately 4 to 10 days after application (dependent upon environmental conditions) but control of the grassy weeds will take 12 to 21 days. Visible effects begin as a general 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; waterproof gloves; 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.

#### 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>
Zoysiagrass .....	<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 grassy 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 (seedling) .....	<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 grassy 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 fluid ounces per acre (0.46 fluid ounce/1000 sq. ft.)** as soon as common Bermudagrass or rhizome Johnsongrass begins growth. Repeat applications of Acclaim Extra every 28 to 35 days to continue growth suppression of these species. Do not apply more than a total of 120 fluid ounces per acre (2.75 fluid ounces/1000 sq.ft.) per growing season.

### APPLICATION INFORMATION

Acclaim Extra Herbicide is a systemic herbicide which controls only grasses which are emerged at the time of spraying. Young, actively growing grassy weeds are more easily controlled than larger grassy weeds. Thorough coverage will provide optimum activity. Refer to the following application rate and timing recommendation chart for application rates and timing of application. Avoid applications to turfgrass under stress due to lack of moisture, chemical injury or temperature extremes.

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

Annual Grassy Weed Growth Stage	Fluid Oz/ Acre	Fluid Oz/ 1,000 sq.ft.
1-leaf to 2-leaf*	3.5	0.08
Untillered **	9	0.21
Untillered	13	0.30
1-tiller to 2-tiller	20	0.46
3-tiller or greater in: Kentucky Bluegrass, Zoysiagrass	28	0.64
Tall Fescue, Fine Fescue, Perennial Ryegrass, Annual Bluegrass	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.

### Pressurized Hydraulic Sprayer Application

Apply Acclaim Extra Herbicide by means of a pressurized hydraulic sprayer using 30 to 60 psi and 30 to 60 gallons of water per acre (0.7 to 1.4 gallons 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 fluid ounces per 100 gallons 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 fluid ounce** of Acclaim Extra Herbicide per gallon of water. Apply **0.30 fluid ounce** per gallon of water when the grassy weed is in the 1- to 4-leaf stage of growth. Apply **0.46 fluid ounce** per gallon of water when the grassy 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 grassy 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):

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

Do not apply more than a total of 120 fluid ounces per acre (2.75 fluid ounces/1000 sq.ft.) per growing season. Avoid applying repeat applications of Acclaim Extra Herbicide sooner than 14 days after the previous application. Repeat Acclaim Extra applications should be made only to grassy 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

### 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 after grassy weed germination. Always follow the use directions in accordance with the respective labels. No label dosage rates should be exceeded.

Apply Acclaim Extra at rates of **9.0 to 28 fluid ounces/acre or 0.21 to 0.64 fluid ounce/1000 sq.ft.** according to the application rate and timing recommendation chart when tank mixing with the following products: Barricade® 65DG, bensulide 4E, Dacthal® W75, Dimension®, pendimethalin 60DG, Tupersan® 50W and Crab-Spray® 10%.

### B. Postemergence Broadleaf Herbicides

A tank mix application of Acclaim Extra Herbicide and broadleaf herbicides may be made to provide broadleaf weed and annual grassy weed control. Apply after grassy weed germination. Always follow the use directions in accordance with the respective labels. No label dosage rates should be exceeded.

Apply Acclaim Extra at rates of **9.0 to 39 fluid ounces/acre or 0.21 to 0.90 fluid ounce/1000 sq.ft.** according to the application rate and timing recommendation chart when tank mixing with the following products: dicamba 4E, Confront®, Turflon®, Amine 3EC, and Turflon® Ester 4EC.

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

Always apply the following tank mixes of Acclaim Extra with pendimethalin at 2.5 pounds/acre or 0.9 fluid ounce/1000 sq.ft.

**Apply before grassy weeds tiller** at a rate of **28 fluid ounces/acre or 0.64 fluid ounce/1000 sq. ft.** when mixing with the following products: Lesco Three Way, Super Trimec®, Trimec® Turf Ester, Trimec® 992, Turflon® D, Turflon® II Amine, and 2,4-D Amine 4.

Apply by means of a pressurized hydraulic sprayer using 30 to 60 psi and 30 to 60 gpa. Thorough spray coverage is important. Flat fan nozzles are required.

### C. Insecticides

Acclaim Extra Herbicide may be tank mixed with the following insecticides only by or under the direct supervision of certified commercial applicators responsible for pest control programs as specified on the specific insecticide label. Apply after grassy weed germination. Always follow the use directions in accordance with the respective labels. No label dosage rates should be exceeded.

Apply Acclaim Extra at rates of **13.0 to 39 fluid ounces/acre or 0.30 to 0.90 fluid ounce/1000 sq.ft.** according to the application rate and timing recommendation chart when tank mixing with the following products: Diazinon 4EC, Dursban® 4E, Dursban® 50W, Oftanol® 2, and Turcam®.

### D. Fungicides

A tank mix application of Acclaim Extra Herbicide and fungicides may be made to provide disease and annual grass control. Apply after grassy weed germination. Always follow the use directions in accordance with the respective labels. No label dosage rates should be exceeded.

Apply Acclaim Extra at rates of **13 to 39 fluid ounces/acre or 0.30 to 0.90 fluid ounce/1000 sq.ft.** according to the application rate and timing recommendation chart when tank mixing with the following products: Banner®, Banol® 6F, Bayleton® 25, Chipco® 26019, Chipco® 26019 FLO, Daconil® 2787, Lesco Two-some®, Mancozeb 80 WP, Rubigan® AS, Rubigan® WP, Subdue® 2E, and Teremec® SP.

### E. Liquid Fertilizers

Acclaim Extra Herbicide may be tank mixed with liquid nitrogen fertilizers (up to 1 pound N/1000 sq.ft.) and iron chelates.

### 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 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. Acclaim Extra Herbicide may be applied at no more than 9.0 fluid ounces/acre on Kentucky bluegrass seedlings that have **tillered** and have been emerged for over 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 grassy weeds. Annual grassy weeds must be untilled at the time of application for adequate control. Do not reapply Acclaim Extra to previously treated seedling Kentucky bluegrass for at least two months. When utilizing Acclaim Extra at rates higher than 9.0 fluid ounces/acre, Kentucky bluegrass seedlings **must** be at least three growing months old. **DO NOT** apply Acclaim Extra to seedling fine-leaf fescue, tall fescue, or perennial ryegrass less than 4 weeks old.
4. Broadleaf herbicides such as 2,4-D or MCPP may reduce the effectiveness of Acclaim Extra Herbicide. Tank mixes with 2,4-D or MCPP containing herbicides are most effective on untilled crabgrass. Do not apply Acclaim Extra within 21 days **following** a 2,4-D or MCPP application, or 5 days **before** a 2,4-D or MCPP application.
5. Acclaim Extra Herbicide is a selective grassy weed herbicide and has little or no activity on broadleaf plants and sedges.
6. Acclaim Extra Herbicide may be applied to newly plugged zoysiagrass. Fescues and ryegrass may be overseeded immediately following Acclaim Extra applications. All other turf species should be overseeded after a 21-day waiting period.
7. **DO NOT APPLY** this product through any type of irrigation system.
8. **DO NOT APPLY** Acclaim Extra Herbicide to sod within 4 weeks before cutting for transplanting or within 4 weeks after transplanting.

### 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": Pennncross, Penneagle, Pennlinks, J.H. Bent, Southshore, SR 1020, Providence, Putter, Kingstown, Tracenta, Bardot, Egmont, Allure, Seaside, and Colonial. The turf should 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 fluid ounce/1000 sq. ft. (3.5 fluid ounces/acre)**. The Acclaim Extra Herbicide applications should be made at a minimum of 21-day intervals beginning in the spring when annual grassy weeds first emerge and are not larger than 2 leaf. Repeat applications throughout the summer as new infestations of 1 to 2 leaf annual grassy weeds occur. **DO NOT** apply more than 10

applications per growing season. 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 gallons per acre (2.30 gallons/1000 sq. ft.) are suggested for improved bentgrass turf tolerance. DO NOT tank mix Acclaim Extra 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 grassy 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 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>
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>
Hawthorn	<i>Crataegus</i>
Holly, American	<i>Ilex</i>
Holly, Japanese	<i>Ilex</i>
Holly, meservae	<i>Ilex</i>
Hydrangea	<i>Hydrangea</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>
Periwinkle	<i>Vinca</i>
Photinia	<i>Photinia</i>
Pine, White	<i>Pinus</i>
Privet	<i>Ligustrum</i>
Rhododendron	<i>Rhododendron</i>
Rose	<i>Rosa</i>
Viburnum	<i>Viburnum</i>
Weigela	<i>Weigela</i>
Willow	<i>Salix</i>
Yew	<i>Taxus</i>

#### HERBACEOUS & FLOWERING PLANTS

<b>Common Name</b>	<b>Scientific Name</b>
African Daisy	<i>Osteospermum</i>
Ajuga	<i>Ajuga</i>
Astilbe	<i>Astilbe</i>
Baby Blue Eyes	<i>Nemophila</i>
Baby's Breath	<i>Gypsophila</i>
Begonia	<i>Begonia</i>
Bellflower	<i>Campanula</i>
Black-Eyed Susan	<i>Rudbeckia</i>
Bleeding Heart	<i>Dicentra</i>
Blue Bells	<i>Mertensia</i>
Blue Flax	<i>Lobelia</i>
California Poppy	<i>Eschscholzia</i>
Candytuft	<i>Iberis</i>
Catchfly	<i>Silene</i>
Chrysanthemum	<i>Chrysanthemum</i>
Coleus	<i>Coleus</i>
Columbine	<i>Aquilegia</i>
Coneflower, Purple	<i>Echinacea</i>
Coreopsis	<i>Coreopsis</i>
Corn Poppy	<i>Papaver</i>
Cosmos	<i>Cosmos</i>
Creeping Zinnia	<i>Sanvitalia</i>
Daisy, Shasta	<i>Chrysanthemum</i>
Dames Rocket	<i>Hesperis</i>
Dwarf Columbine	<i>Aquilegia</i>
Dwarf Cornflower	<i>Centaurea</i>
English Wallflower	<i>Erysimum</i>
Forget-Me-Not	<i>Myosotis</i>
Forget-Me-Not	<i>Anchusa</i>
Gaillardia	<i>Gaillardia</i>
Garland Chrysanthemum	<i>Chrysanthemum</i>
Gazania	<i>Gazania</i>
Geranium	<i>Pelargonium</i>
Gilia	<i>Gilia</i>
Hosta	<i>Hosta</i>
Iris	<i>Iris</i>
Leopards-Bane	<i>Doronicum</i>
Liatris	<i>Liatris</i>
Lily, day	<i>Hemerocallis</i>
Liriope	<i>Liriope</i>
Maiden Pinks	<i>Dianthus</i>
Missouri Primrose	<i>Oenothera</i>
Mountain Phlox	<i>Phloxera</i>
Peony	<i>Peony</i>
Periwinkle, annual	<i>Vinca</i>
Petunia	<i>Petunia</i>
Pimpernel	<i>Anagallis</i>
Prairie Coneflower	<i>Ratibida</i>
Red Yarrow	<i>Achillea</i>
Rocket Larkspur	<i>Delphinium</i>
Rocky Mt. Penstemon	<i>Penstemon</i>
Roman Chamomile	<i>Matricaria</i>
Scarlet Flax	<i>Linum</i>
Siberian Wallflower	<i>Erysimum</i>
Small Burnet	<i>Sanguisorba</i>
Snapdragon	<i>Antirrhinum</i>
Snow-in-Summer	<i>Cerastium</i>
Soapwort	<i>Saponaria</i>
Spurred Snapdragon	<i>Antirrhinum</i>
Starflower	<i>Trientalis</i>
Statice, Annual	<i>Statice</i>
Sweet Alyssum	<i>Lobularia</i>
Sweet William	<i>Dianthus</i>



**HERBACEOUS & FLOWERING PLANTS (Continued)**

<b>Common Name</b>	<b>Scientific Name</b>
Tall Primrose .....	<i>Oenothera</i>
Tall Godetia .....	<i>Godetia</i>
Tidy Tips .....	<i>Layia</i>
White Yarrow .....	<i>Achillea</i>
Wild Thyme .....	<i>Thymus</i>
Zinnia .....	<i>Zinnia</i>

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

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

**WEED SPECIES CONTROLLED**

Acclaim Extra Herbicide will control the following annual grassy weeds:

<b>Common Name</b>	<b>Scientific Name</b>
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 grassy weeds:

<b>Common Name</b>	<b>Scientific Name</b>
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 at **20 fluid ounces/acre (0.46 fluid ounce/1000 sq. ft.)** as soon as common Bermudagrass or rhizome Johnsongrass begins growth. Repeat applications of Acclaim Extra 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 grassy weeds are more easily controlled than larger grassy 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 RECOMMENDATION CHART**

Annual Grassy Weed Growth Stage	Fluid Oz/ Acre	Fluid 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 30 to 60 gallons of water per acre (0.7 to 1.4 gallons 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 fluid ounces per 100 gallons 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 fluid ounce** of Acclaim Extra Herbicide per gallon of water. Apply the lower rate when grassy 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 grassy 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" 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 treatment.

Do not apply more than a total of 120 fluid ounces per acre (2.75 fluid ounces/1000 sq.ft.) per growing season. Apply Acclaim Extra Herbicide at **20 fluid ounces/acre (0.46 fluid ounce/1000 sq. ft.)** as soon as common Bermudagrass or rhizome Johnsongrass begins growth. Repeat applications of Acclaim Extra every 28 to 35 days (never sooner than 14 days) to continue growth suppression of these species. Repeat Acclaim Extra applications should be made only to grassy 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.



## TRADEMARK INFORMATION

Daconil and Dacthal are registered trademarks of ISK Biosciences Corporation.

Twosome is a trademark of Lesco, Inc.

Tupersan are registered trademarks of DuPont Company.

Confront, Dursban, Rubigan, and Turflon are registered trademarks of DowElanco.

Trimec, and Super Trimec are registered trademarks of PBI/Gordon Corporation.

Bayleton and Oftanol are registered trademarks of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

Banner, Subdue, and Teremec are registered trademarks of Ciba-Geigy Corporation.

Acclaim, Banol, Chipco and Turcam are registered trademarks of the Aventis Group

Carb Spray is a registered trademark of Spring Valley Turf Products.

Fusilade is a registered trademark of Zeneca, Inc.

Dimension is a registered trademark of Monsanto Agricultural Company.

Barricade is a registered trademark of Sandoz Crop Protection Corporation.

---

### IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond Aventis Environmental Science's control, it is impossible for Aventis Environmental Science to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Aventis Environmental Science is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Aventis Environmental Science disclaims any liability whatsoever for incidental or consequential damages, including, but not limited to, liability arising out of breach of contract, express or implied warranty (including warranties of merchantability and fitness for a particular purpose), tort, negligence, strict liability or otherwise.

**LIMITATIONS OF LIABILITY:** THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT AVENTISENVIRONMENTAL SCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

©Aventis Environmental Science USA LP, 2000

---