

[Container Label - 2 Pages]

Revised January 11, 1989

8596-13

ACCLAIM^(R) 1EC HERBICIDE

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

ACTIVE INGREDIENT:

fenoxaprop-ethyl; (2-ethyl-2-[4-[(6-chloro-2-
benzoxazolyl)oxy]phenoxy]propanoate 12.50%

INERT INGREDIENTS: 87.50%
TOTAL 100.00%

*Equivalent to 1.00 pound of active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE ADDITIONAL PRECAUTIONARY STATEMENTS AT BEGINNING OF LABEL.

Not for use in California and Hawaii.

EPA EST. NO. 34704-MS-1

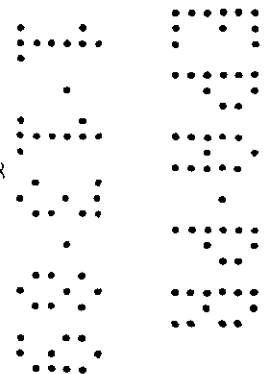
EPA REG. NO. 8440-18

NET CONTENTS:

Hoechst Celanese

Hoechst Celanese Corporation
Route 202, 206, 208
Somerville, NJ 08876

Hoechst 



PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May cause substantial but temporary eye injury. Do not get in eyes. Wear goggles or face shield and impermeable rubber gloves (such as neoprene or PVC) while mixing. Harmful if swallowed, absorbed through skin or inhaled. Do not take internally. Avoid inhalation of vapor or spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water. Do not apply when weather conditions favor runoff or drift. Do not contaminate arable land/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. Do not use or store near heat or open flame.

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 incinerator, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

STATEMENT OF PRACTICAL TREATMENT

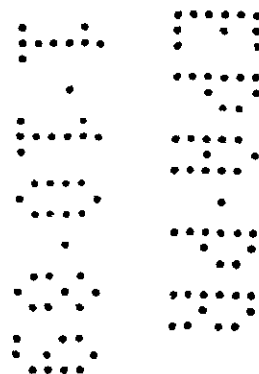
In case of eye contact, immediately flush with plenty of water for 15 minutes. Get medical attention.

If swallowed, do not induce vomiting. Accclaim 1EC Herbicide contains petroleum distillates. Call a physician. Vomiting should be supervised by a physician because of the possible pulmonary damage via aspiration of the solvent.

If possible bring this container and labeling to the attending physician. For emergency assistance call (201) 231-2000.

IMPORTANT NOTICE: DISCLAIMER

Read "IMPORTANT NOTICE: DISCLAIMER" before buying or using. If terms are not acceptable, return at once unopened. HOECHST CELANESE CORPORATION warrants only that the product conforms to the chemical description on the label and is reasonably fit for the purpose stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to HOECHST CELANESE CORPORATION and user assumes the risk of any such use. HOECHST CELANESE CORPORATION MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY. In no case shall HOECHST CELANESE CORPORATION be liable for consequential, special indirect or incidental damages resulting from the use or handling of this product. The foregoing conditions of sale and warranty can be varied only by an agreement in writing signed by a duly authorized representative of HOECHST CELANESE CORPORATION.



Revised January 11, 1989

Attached See Directions - 15 Pages.

ACCLAIM^(R) IEC HERBICIDE

IMPORTANT INSTRUCTIONS ENCLOSED

FOR SELECTIVE POSTEMERGENCE ANNUAL AND PERENNIAL GRASS
CONTROL IN TURFGRASS INCLUDING SOB FARMS, COMMERCIAL AND
RESIDENTIAL TURF, ORNAMENTALS AND RIGHTS-OF-WAY

GENERAL INFORMATION

Acclaim IEC Herbicide is an emulsifiable concentrate (EC) formulation containing one pound of active ingredient per gallon. Acclaim IEC Herbicide is used for postemergence control of annual and perennial grassy weeds in established turfgrass and ornamental species. Acclaim IEC Herbicide does not control broadleaf weeds or sedges.

Acclaim IEC Herbicide is absorbed through the foliage. Thorough coverage is important. Visual injury on the grassy weed is evident approximately 4-10 days after application (dependent upon environmental conditions) but control of the grassy weeds will take 12-21 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.

DIRECTIONS FOR USE IN TURFGRASS SPECIES

Acclaim IEC Herbicide can be applied as a broadcast application to all cultivars of the following turfgrass species grown throughout the United States:

- | | |
|----------------------|---------------------------------|
| - Kentucky Bluegrass | (<u>Poa pratensis</u>) |
| - Perennial Ryegrass | (<u>Lolium perenne</u>) |
| - Fine Fescue | (<u>Festuca rubra</u>) |
| - Tall Fescue | (<u>Festuca arundinaceae</u>) |
| - Annual Bluegrass | (<u>Poa annua</u>) |
| - Zoysiagrass | (<u>Zoysia</u> spp.) |

WEED SPECIES CONTROLLED

Acclaim IEC Herbicide will control the following annual grassy weeds:

Smooth Crabgrass	(<u>Digitaria ischaemum</u>)
Hard Crabgrass	(<u>Digitaria sanguinalis</u>)
Goosegrass, Silver Crabgrass	(<u>Eleusine indica</u>)
Barnyardgrass	(<u>Echinochloa crus-galli</u>)
Foxtail Species	(<u>Setaria</u> spp.)
Common Species	(<u>Limnium</u> spp.)
Johnsongrass (seedling)	(<u>Sorghum halepense</u>)
Setaria sp.	(<u>Echinochloa</u> spp.)

WEED SPECIES SUPPRESSED

Acclaim will temporarily suppress the growth of the following perennial grassy weeds:

Common Bermudagrass	(<u>Cynodon dactylon</u>)
Johnsongrass (rhizome)	(<u>Sorghum halepense</u>)

Acclaim IEC Herbicide will suppress the growth of Common Bermudagrass and rhizome Johnsongrass. Apply Acclaim at 25 ounces/acre (0.53 ounces/1000 sq. ft.) as soon as Common Bermudagrass or rhizome Johnsongrass begins growth. Repeat applications of Acclaim every 28-35 days to continue growth suppression of these species. Do not apply more than three applications or a total of 135 ounces per acre (3.69 ounces/1000 sq. ft.) per growing season.

APPLICATION INFORMATION

Acclaim IEC 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 Acclaim IEC Herbicide 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.

Pressurized Hydraulic Sprayer Application

Apply Acclaim IEC Herbicide by means of a pressurized hydraulic sprayer using 30-60 PSI and 30-60 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 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 0.34 - 0.53 fluid ounces of Acclaim IEC 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.

Mowing Information

Acclaim IEC Herbicide is a systemic herbicide. Spray Acclaim IEC Herbicide when maximum leaf area is present for optimum activity. 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 IEC Herbicide is reduced when grass clippings interfere with thorough spray coverage of the target weeds.

Repeat Application Information

Repeat applications of Acclaim IEC Herbicide at 10 - 45 fluid ounces (0.23 - 1.02 ounces/1000 sq. ft.) per acre (refer to application and timing chart) may be required under the following conditions:

- (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 and rhizome johnsongrass.

Do not apply more than three applications or a total of 135 ounces per acre (1.09 ounces/1000 sq. ft.) per growing season. Avoid applying repeat applications of Acclaim IEC Herbicide sooner than 14 days after the previous application. Repeat Acclaim IEC Herbicide applications should only be made 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^R IN TANK MIXES

A. Pre-emergence Residual Herbicides

A tank mix application of Acclaim IEC 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 IEC Herbicide at rates of **10 - 32 ounces/Acre or 0.27 - 0.73 ounces/1000 sq. ft.** when tank mixing with the following products:

	<u>Product/Acre</u>	<u>Ounces/1000 ft.²</u>	<u>Comments</u>
benetol DF	2 - 3 pounds	1.35 - 1.85 ounces	Refer to the stage of growth chart to determine the proper Acclaim use rate. Also see note 2.
bensulide 4E	1.88 - 3.1 gallons	5.6 - 9.4 ounces	
Daathal w75	6 - 20 pounds	2.2 - 7.0 ounces	
Pre-M [®] 60 DG	2.5 - 5.0 pounds	0.9 - 1.8 ounces	
Supersan 50W	16 - 24 pounds	6 - 9 ounces	

B. Postemergence Broadleaf Herbicides

A tank mix application of Acclaim IEC 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 IEC Herbicide at rates of **10 - 45 ounces/Acre or 0.23 - 1.02 ounces/1000 sq. ft.** when tank mixing with the following products. Apply the 10 ounce rate only when tank mixing with pre-emergence products.

	<u>Product/Acre</u>	<u>Ounces/1000 ft.²</u>	<u>Comments</u>
dicamba ₄ 4E	0.25-0.50 pint	0.09-0.18 ounces	Refer to the stage of growth chart to determine the proper Acclaim use rate. Also see note 2.
Turflon ₄ Amine 3EC	1-4 pints	0.37-1.50 ounces	
Turflon ₄ Ester 4EC	1-2 pints	0.37-0.73 ounces	
Breakthru ₅	0.125-0.50 lbs. of total active ingredient per acre	0.25-1.00 ounces	

Always apply the following tank mixes of Acclaim IEC Herbicide with pendimethalin at 2.5 pounds/Acre or 0.9 ounces/1000 sq. ft. **Apply before grassy weed tillering** at a rate of **32 ounces/Acre or 0.73 ounces/1000 sq. ft.** when mixing with the following products. Apply by means of a pressurized hydraulic sprayer using 30 - 60 psi and 30 -60 gpa. Thorough spray coverage is important. Flat fan nozzles are required.

	<u>Product/Acre</u>	<u>Ounces/1000 ft.²</u>	<u>Comments</u>
Lesco Three Way ⁶	3.3-4.0 pints	1.2-1.5 ounces	See Notes 2 and 4 when applying Acclaim with these products or similar products.
Super Trimec ⁶	2-3 pints	0.75-1.10 ounces	
Trimec ⁶ Turf Ester	2-3 pints	0.75-1.10 ounces	
Trimec ⁶ 992	2-3 pints	0.75-1.10 ounces	
Turflon ⁴ D	1-2 quarts	0.73-1.50 ounces	
Turflon ⁴ II Amine	1-2 quarts	0.73-1.50 ounces	
2,4-D Amine ⁴	1.5-2.0 pints	0.60-0.73 ounces	

C. Insecticides

Acclaim IEC 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 IEC Herbicide at rates of **15 - 45 ounces/Acre or 0.34 - 1.02 ounces/1000 sq. ft.** when tank mixing with the following products:

	<u>Product/Acre</u>	<u>Ounces/1000 ft.²</u>	<u>Comments</u>
diazinon ⁴ 4EC		2-6 ounces	Refer to the stage of growth chart to determine the proper Acclaim use rate. Also see note 2.
Dursban ⁴ 4E	1-4 quarts	0.75-3.00 ounces	
Dursban ⁴ 50W	2-8 pounds	0.75-3.00 ounces	
Ortho ⁷ 2	2-4 quarts	1.5-3.0 ounces	
Triumph ⁸		0.75-1.5 ounces	
Turcam		1-2 ounces	

D. Fungicides

A tank mix application of Acclaim IEC 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 IEC Herbicide at rates of **15- 45 ounces/Acre or 0.34 - 1.02 ounces/1000 sq. ft.** when tank mixing with the following products:

	<u>Product/Acre</u>	<u>Ounces/1000 sq. ft.</u>	<u>Comments</u>
Chippewa ¹⁰	26019	1-2 ounces	Refer to the stage of growth chart to determine the proper Acclaim use rate.
Daconil ¹	2787 F 4-24 pints	4-11 ounces	
Daconil ¹	2787 W75 2.75-16 pounds	2-8 ounces	
mancozeb 80 WP		4-8 ounces	
Tersan ⁷	1991	1-2 ounces	

E. Liquid Fertilizers

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

NOTES

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 IEC Herbicide. Avoid application of Acclaim IEC 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** Acclaim IEC Herbicide to spring seeded Kentucky Bluegrass established less than 4 growing months. **DO NOT APPLY** Acclaim IEC Herbicide to seedling fine leaf fescue, tall fescue, or perennial ryegrass less than 4 weeks old.
4. Broadleaf herbicides such as 2,4-D or MCP may reduce the effectiveness of Acclaim IEC Herbicide. Tank mixes with 2,4-D or MCP containing herbicides are most effective on untillered crabgrass. **Avoid tank mixing Acclaim IEC Herbicide with 2,4-D or MCP containing herbicides after crabgrass has tillered.**
5. Acclaim IEC Herbicide is a selective grassy weed herbicide and has little or no activity on broadleaf plants and sedges.
6. Acclaim IEC Herbicide may be applied to newly plugged zoysiagrass. Fescues and ryegrass may be overseeded immediately following Acclaim IEC Herbicide 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 IEC Herbicide to sod within 4 weeks before or after transplanting or within 4 weeks after transplanting.

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

Annual Grassy Weed Growth Stage	Fluid Oz/ Acre	Fluid Oz/ 1,000 ft. ²
Untilled*	10	0.23
Untilled	15	0.34
1 tiller to 2 tiller	23	0.53
3 tiller to 4 tiller	32	0.73
4 tiller to 5 tiller	45**	1.02

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

**Avoid use of this rate on Kentucky Bluegrass, unless temporary injury can be tolerated.

DIRECTIONS FOR USE IN ORNAMENTALS

Acclaim IEC Herbicide can be applied for control of grassy weeds to a wide range of ornamental species grown throughout the United States. Plant tolerance may vary according to environmental conditions. Determine tolerance prior to extensive use.

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

DECIDUOUS AND EVERGREEN TREES AND SHRUBS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>
Azalea	Rhododendron	Juniper, Wiltoni	Juniperus
Barberry	Berberis	Magnolia	Magnolia
Beywood, Korean	Buxus	Maple, Red	Acer
Firethorn	Pyracantha	Oleander	Nerium
Hawthorn	Crataegus	Pine, White	Pinus
Holly, American	Ilex	Privet	Ligustrum
Holly, Japanese	Ilex	Rhododendron	Rhododendron
Hydrangea	Hydrangea	Rose	Rosa
Juniper, Blue Rug	Juniperus	Virburnum	Virburnum
Juniper, Dwarf Spore	Juniperus	Weigela	Weigela
Juniper, Parsonii	Juniperus	Willow	Salix
Juniper, San Jose	Juniperus	Yew	Taxus

HERBACEOUS & FLOWERING PLANTS

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

Broadcast use of Acclaim on the following ornamental plants will result in phytotoxicity:

<u>Common Name</u>	<u>Scientific Name</u>
Juniper, Barharbor	Juniperus
Philodendron	Philodendron
Salvia	Salvia
Podocarpus	Podocarpus
Pittosporium	Pittosporium

WEED SPECIES CONTROLLED

Acclaim IEC Herbicide will control the following annual grassy weeds:

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

WEED SPECIES SUPPRESSED

Acclaim will temporarily suppress the growth of the following perennial grassy weeds:

- Common Bermudagrass	(<u>Cynodon dactylon</u>)
- Johnsongrass (rhizome)	(<u>Sorghum halepense</u>)

Acclaim IEC Herbicide will suppress the growth of Common Bermudagrass and rhizome Johnsongrass. Apply Acclaim at 23 ounces/acre (0.53 ounces/1000 sq.ft.) as soon as Common Bermudagrass or rhizome Johnsongrass begins growth. Repeat applications of Acclaim every 28-35 days to continue growth suppression of these species.

APPLICATION INFORMATION

Acclaim IEC 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 Acclaim IEC Herbicide application rate and timing recommendation chart for application rates and timing of application. Avoid applications to ornamentals under stress due to lack of moisture, chemical injury or temperature extremes.

Pressurized Hydraulic Sprayer Application

Apply Acclaim IEC Herbicide by means of a pressurized hydraulic sprayer using 30-60 PSI and 30-60 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 (50 psi), high volume (600 gpa) handgun type sprayer is utilized, the addition of a surfactant at 32 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 0.34 - 0.53 fluid ounces of Acclaim IEC 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 IEC Herbicide at 1.1 - 4.5 fluid ounces (0.23 - 1.0 ounces/1000 sq. ft.) per acre (refer to application and timing chart) may be required under the following conditions:

- (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 and rhizome johnsongrass.

Do not apply more than three applications or a total of 13.5 ounces per acre (3.09 ounces/1000 sq. ft.) per growing season. Avoid applying repeat applications of Acclaim IEC Herbicide sooner than 14 days after the previous application. Repeat Acclaim IEC Herbicide applications should only be made 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

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 IEC herbicide. Avoid application of Acclaim IEC herbicide under **DROUGHT** or **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.

**ACCLAIM 1EC HERBICIDE APPLICATION RATE
AND TIMING RECOMMENDATION CHART**

Annual Grassv Weed Growth Stage	Fluid Oz/ Acre	Fluid Oz/ 1,000 ft. ²
Untilled	15	0.34
1 tiller to 2 tiller	23	0.53
3 tiller to 4 tiller	32	0.73
4 tiller to 5 tiller	45	1.02

DIRECTIONS FOR USE IN RIGHTS-OF-WAY

Acclaim 1EC Herbicide can be applied to all cultivars of the following cool season grass species grown throughout the United States:

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

Acclaim IEC Herbicide can be applied alone as a broadcast spray for control of grassy weeds in the following wildflower species:

<u>Common Name</u>	<u>Scientific Name</u>
African Daisy	<u>Dimorphotheca</u>
Annual Indian Blanket	<u>Gaillardia</u>
Baby Blue Eyes	<u>Nemophila</u>
Baby's Breath	<u>Gypsophila</u>
Birds Eyes	<u>Gilia</u>
Black-Eyed Susan	<u>Rudbeckia</u>
Blue Bells	<u>Mertensia</u>
Blue Flax	<u>Linum</u>
California Poppy	<u>Eschscholzia</u>
Catchfly	<u>Silene</u>
Corn Poppy	<u>Papaver</u>
Cosmos	<u>Cosmos</u>
Creeping Zinnia	<u>Sanvitalia</u>
Dames Rocket	<u>Hesperis</u>
Dwarf Columbine	<u>Aquilegia</u>
Dwarf Cornflower	<u>Centaurea</u>
Dwarf Lance Leafed Coreopsis	<u>Coreopsis</u>
English Wallflower	<u>Cheiranthus</u>
Forget-Me-Not	<u>Anchusa</u>
Garland Chrysanthemums	<u>Chrysanthemum</u>
Gilia	<u>Gilia</u>
Globe Gilia	<u>Gilia</u>
Johnny Jump Up	<u>Viola</u>
Lemon Mint	<u>Monarda</u>
Maiden Pinks	<u>Dianthus</u>
Missouri Primrose	<u>Oenothera</u>
Mountain Phlox	<u>Phlox</u>
Pimpernel	<u>Anagallis</u>
Prairie Coneflower	<u>Ratibida</u>
Purple Coneflower	<u>Echinacea</u>
Red Yarrow	<u>Achillea</u>
Rocket Larkspur	<u>Delphinium</u>
Rocky Mountain Penstemon	<u>Penstemon</u>
Roman Chamomile	<u>Matricaria</u>
Scarlet Flax	<u>Linum</u>
Siberian Wallflower	<u>Erysimum</u>
Small Burnet	<u>Sanguisorba</u>
Soapwort	<u>Saponaria</u>
Spurred Snapdragon	<u>Linaria</u>
Starflower	<u>Trientalis</u>
Sweet Allyssum	<u>Lobularia</u>
Sweet Williams	<u>Dianthus</u>
Tall Evening Primrose	<u>Oenothera</u>
Tall Godetia	<u>Godetia</u>
Tall Plains Coreopsis	<u>Coreopsis</u>
Tidy Tips	<u>Layia</u>
White Yarrow	<u>Achillea</u>
Wild Thyme	<u>Thymus</u>

Acclaim IEC Herbicide will control the following grassy weeds:

Smooth Crabgrass	(<u>Digitaria ischaemum</u>)
Hairy Crabgrass	(<u>Digitaria sanguinalis</u>)
Goosegrass/Silver Crabgrass	(<u>Eleusine indica</u>)
Barnyardgrass	(<u>Echinochloa crus-galli</u>)
Foxtail Species	(<u>Setaria</u> spp.)
Panicum Species	(<u>Panicum</u> spp.)
Johnsongrass	(<u>Sorghum halepense</u>)
Wild Oats	(<u>Avena fatua</u>)
Roughstalk Bluegrass	(<u>Poa trivialis</u>)

APPLICATION INFORMATION

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

SPRAY APPLICATION FOR SPOT TREATMENTS

Add 3 pints of Acclaim IEC Herbicide per 100 gallons 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.

HIGHWAY RIGHTS-OF-WAY

Apply with ground equipment using 30-100 gallons of water per acre and 30-60 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 grow for at least 14 days before applying Acclaim IEC Herbicide.

REPEAT APPLICATION INFORMATION

Repeat applications of Acclaim IEC Herbicide at 12-45 fluid ounces per acre (refer to application and timing chart) may be required under the following conditions:

- (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 the target weeds

Do not apply more than three applications or a total of 135 ounces per acre (3.69 ounces/1000 sq. ft.) per growing season. Avoid applying a second application of Acclaim IEC Herbicide sooner than 14 days after the first application. A second Acclaim IEC Herbicide application should only be made to grassy weeds with vigorous regrowth.

SURFACTANTS AND CROP OILS

The addition of a non-ionic surfactant or paraffin-based crop oil at a rate of 32 ounces per 100 gallons of spray solution is recommended for spray volumes between 30 and 100 gallons per acre. Thorough spray coverage is extremely important for optimum results.

NOTES

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

ACCLAIM USE RATES PER ACRE		
Grassy Weed Growth Stage	Fluid Ounces Per Acre	Pints Per Acre
ANNUAL GRASSES		
1-2 Tillers	19-24	1.2-1.5
2-4 Tillers	24-32	1.5-2.0
4-5 Tillers	32-45	2.0-2.8
Grassy Weed Growth Stage	Fluid Ounces Per 100 Gallons	Pints Per 100 Gallons
SEEDLING JOHNSONGRASS		
12-24"	19-24	1.2-1.5
RHIZOME JOHNSONGRASS		
18-48 Inches	2-45	2.0-2.8
Repeat Applications	12-45	0.8-2.8

Trademark Information

- 1 Registered trademark of SDS Biotech Corporation
- 2 Registered trademark of Lesco, Inc.
- 3 Registered trademark of E.I. DuPont de Nemours & Company
- 4 Registered trademark of The Dow Chemical Company
- 5 Registered trademark of The Andersons
- 6 Registered trademark of FBI/Gordon Corporation
- 7 Registered trademark of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen
- 8 Registered trademark of Ciba Geigy Corporation
- 9 Registered trademark of Nor-Am Chemical Company
- 10 Registered trademark of Rhone-Poulenc Incorporated

TH8603001 (1/89)