

PROGRASS

FLOWABLE HERBICIDE

Selective Herbicide For Use By Professional
Applicators On Ornamental Turf Only

ACTIVE INGREDIENTS

Ethofumesate, (2-ethoxy-2, 3-d hydro-3, 3-dimethyl-
5-benzofuranyl methanesulfonate*) 42%

INERT INGREDIENTS 58%
Total 100%

*Protected by U.S. Patent No. 3,689,507

This product contains 4.0 lb active ingredient per gallon

PRECAUCION AL USARIO: Si usted no lee Ingles, no use este producto
hasta que la etiqueta le haya sido explicada ampliamente.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Avoid contact with skin, eyes or clothing

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

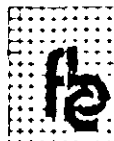
First Aid

In case of contact, immediately flush eyes or skin with plenty of water. Remove and wash contaminated clothing before reuse.

Environmental Hazards

Do not apply directly to water. Do not apply when weather conditions favor drift from treated area. Do not contaminate water by cleaning equipment or disposal of wastes.

EPA REGISTRATION NO. 45639-62



*SOLD BY

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BEST DOCUMENT AVAILABLE

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For example, if the number of "yes" responses is a number between 1 and 10, then the following DCL program will be executed and the DCL file created, processing the input as a Read of 10 iterations. If the user did not enter a number between 1 and 10, then using this program

PROGRASS is a flowable formulation containing 4.0 lbs. active ingredient per U.S. gallon for use in the establishment of, or on established, perennial ryegrass turf for control of certain annual grass and broadleaf weeds. PROGRASS is intended for use on the ornamental turf sites such as golf courses, parks, and lawns.

Apply PROGRASS using standard low pressure (20-50 psi) spray equipment. Spray equipment should be carefully calibrated before use and checked frequently during application to see that it is functioning properly. Do not use smaller than 50 mesh strainer. **Avoid overlaps since turf injury may result.** The spray tank and lines should be thoroughly cleaned and rinsed prior to using PROGRASS.

For preemergence and/or postemergence control of annual bluegrass and common chickweed in dormant bermudagrass overseeded with perennial ryegrass

Apply **PROGRASS** only to dormant bermudagrass in the fall **15 to 30** days after overseeding with perennial ryegrass. One or two supplemental applications at 30 to 60 day intervals may be required to maintain control through the winter months. **Do not apply PROGRASS after February 1.** Late applications may temporarily delay resumption of active growth habit of bermudagrass in the spring.

Note Initial PROGRASS treatment may cause premature onset of dormancy or injury to bermudagrass which is not yet fully dormant

Initial application Use 2.4 pints per acre in 20-60 gal. water, or 0.75-1.5 oz. per 1000 sq. ft. in 1-2 gal. water.
Supplemental applications 2 pints per acre in 20-60 gal. water, or 0.75 oz. per 1000 sq. ft. in 1-2 gal. water. Do not apply more than 8 pints per acre during the recommended application period.

For preemergence and/or postemergence control of annual bluegrass and common chickweed

Application is recommended from approximately 2 to 4 weeks prior to the main period of annual bluegrass germination in early fall or late spring, up to 30 days after emergence. Consult the Extension Service or University weed specialists for date(s) annual bluegrass germinates in your area. Repeat 1 to 2 times, if needed to maintain control at 30 to 60 day intervals.

Overseeding with perennial ryegrass may be undertaken at any time. Overseeding with turf grass species other than ryegrass is not recommended.

Use 2.4 pints per acre in 20.60 gal water, or 0.75-1.5 oz per 1000 sq ft in 1-2 gal water.

III. NEW SEEDINGS OF PERENNIAL RYEGRASS

For broad spectrum preemergence and postemergence weed control in newly-seeded perennial ryegrass areas.

Soil PREPARATION

The soil should be prepared according to recommended horticultural practice. All existing vegetative growth should be thoroughly worked into the soil before treatment. Trash or vegetative matter left on the soil surface will reduce effectiveness of the PROGRASS treatment.

APPLICATION

Apply PROGRASS to the seeded area 1 to 2 weeks after emergence of the ryegrass seedlings, when the seedlings are approximately 1" tall. Delay application of straw or mulch, if used, until after PROGRASS application. Presence of straw or mulch on seedbed at time of application will reduce effectiveness of the PROGRASS treatment.

DOSAGE RATES

Before weed emergence: For preemergence control of all weeds listed below, apply the following rates:

On sandy loam soils, use 3 pints per acre in 20 to 60 gal. water, or 1.0 oz. per 1000 sq. ft. in 1 to 2 gal. water.

On silt or clay loam soils, use 4 pints per acre in 20 to 60 gal. water, or 1.5 oz. per 1000 sq. ft. in 1 to 2 gal. water.

After weed emergence: For postemergence control of annual bluegrass and common chickweed, apply PROGRASS at the earliest possible growth stage but no later than 14 days after emergence. For best results spray before the 6-leaf stage of growth. Use 2 to 4 pints per acre in 20-60 gal. water, or 0.75-1.5 oz. per 1000 sq. ft. in 1-2 gal. water. Repeat 1 to 2 times, if needed to maintain control, at 30 to 60 day intervals.

IRRIGATION

Irrigate immediately after seeding, and as frequently thereafter as needed to maintain a moist soil surface for optimum germination and growth of ryegrass seedlings.

WEEDS SPECIES CONTROLLED

PREEMERGENCE

Annual Grasses

Annual bluegrass
Large crabgrass
Barnyard grass
Green foxtail
Yellow foxtail
Canarygrass

Poa annua
Digitaria sanguinalis
Echinochloa crus-galli
Setaria viridis
Setaria glauca
Phalaris canariensis

Annual Broadleaves

Common chickweed
Common purslane
Redroot pigweed

Stellaria media
Portulaca oleracea
Amaranthus retroflexus

PROGRASS will also reduce competition from:

Yellow nutsedge
Purple nutsedge

Cyperus esculentus
Cyperus rotundus

POSTEMERGENCE

Annual Grasses

Annual bluegrass

Poa annua

Annual Broadleaves

Common chickweed

Stellaria media

GENERAL USE PRECAUTIONS

PROGRASS should be used only for recommended purposes and at the recommended rates (DO NOT OVERTREAT).

- Do not mix PROGRASS with liquid fertilizers or other pesticides.
- Do not use activated sewage sludge fertilizers in PROGRASS treated area, or reduced herbicidal activity may result.
- Do not allow spray mixture to stand in tank overnight. Flush and drain spray equipment after each day's use. Store unused spray mixture in tightly sealed containers and protect from frost.
- Avoid overlapping when spraying since turf injury may result.

STORAGE AND DISPOSAL

STORAGE — Protect PROGRASS from frost. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL — Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable federal, state or local procedures.

CONTAINER DISPOSAL — Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OTHER THAN THE EXTENT OF THE STATEMENT MADE ON THE LABEL. No agent of EPC Chemicals, Inc. is authorized to make any warranties, express or implied, other than those on the label. EPC Chemicals, Inc. and its subsidiaries shall not be liable for any incidental or consequential damages resulting from failure to use this product in accordance with label directions.