



TYPICAL LABEL

PROGRASSTM

EMULSIFIABLE CONCENTRATE

Selective Herbicide For Use By Professional
Applicators On Ornamental Turf Only

ACTIVE INGREDIENT:

Ethofumesate: (2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate*)

INERT INGREDIENTS:

*Protected by U.S. Patent No. 3,689,507
This product contains 1.5 lb. active ingredient per gallon.

Percent
by Weight

19%

81%

Total

100%

EPA REGISTRATION NO. 45639

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

KEEP OUT OF REACH OF CHILDREN

DANGER

CORROSIVE. CAUSES EYE DAMAGE.
WEAR GOGGLES OR FACE SHIELD WHEN HANDLING.

IF SWALLOWED — DRINK PROMPTLY A LARGE QUANTITY OF MILK, EGG
WHITES, GELATIN SOLUTION OR IF THESE ARE NOT AVAILABLE, DRINK LARGE
QUANTITIES OF WATER. AVOID ALCOHOL. CALL A PHYSICIAN.

IF ON SKIN — FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

IF IN EYES — IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15
MINUTES. CALL A PHYSICIAN.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS



BFC Chemicals, Inc.
4311 Lancaster Pkwy, P.O. Box 2867
Wilmington, DE 19805

TESTED

45639-68

45639-68

BEST DOCUMENT AVAILABLE

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive Causes eye damage. Do not get in eyes. Wear goggles or face shield when handling. Harmful if absorbed through skin. Avoid contact with skin.

FIRST AID — In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Get medical attention if skin irritation persists. 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 of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS — Do not use, pour, spill or store near heat or open flame.

STORAGE AND DISPOSAL

STORAGE

Store in a cool place above 34°F.
Do not contaminate water, food, or feed by storage or disposal.
Open dumping is prohibited.

PESTICIDE DISPOSAL

Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to federal, state or local procedures under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL

Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved state and local procedures.
Consult federal, state or local disposal authorities for approved alternative procedures.

BEST DOCUMENT AVAILABLE

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Do not graze livestock on treated turf. Do not feed treated grass clippings to livestock. Read entire Direction for Use and Disclaimer of Warranties before using this product.

GENERAL INFORMATION

PROGRASS is an emulsifiable formulation containing 1.5 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 of sites such as golf courses, parks, and lawns.

SPRAY EQUIPMENT

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 line should be thoroughly cleaned and rinsed prior to using PROGRASS.

I. OVERSEEDING BERMUDAGRASS TURF

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

TIMING OF APPLICATION

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.

DOSAGE RATES

Initial application: Use 2/3 - 1-1/3 gallons per acre in 20-60 gal. water, or 2 - 4 oz. per 1000 sq. ft. in 1 - 2 gal. water.

Supplemental applications: 2/3 gallon per acre in 20-60 gal. water, or 2 oz. per 1000 sq. ft. in 1 - 2 gal. water. Do not apply more than 2-2/3 gallons per acre during the recommended application period.

II. ESTABLISHED PERENNIAL RYEGRASS TURF

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

TIMING OF APPLICATION

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.

DOSAGE RATES

Use 2/3 - 1-1/3 gallons per acre in 20-60 gal. water, or 2 - 4 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 seeded 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 1 gallon per acre in 20 to 60 gal. water, or 2-2/3 per 1000 sq. ft. in 1 to 2 gal. water.

On silt or clay loam soils, use 1-1/3 gallons per acre in 20 to 60 gal. water, or 4 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 stage but no later than 14 days after emergence. For best results, spray before the 6-leaf stage of growth. Use 2/3 - 1-1/3 gallon per acre in 20-60 gal. water, or 2 - 4 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.

WEED SPECIES CONTROLLED

PREEMERGENCE

Annual Grasses

Annual bluegrass
Large crabgrass
Barnyardgrass
Green foxtail
Yellow foxtail
Canarygrass

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

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.

BEST DOCUMENT AVAILABLE

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS 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 BFC Chemicals, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL BFC CHEMICALS, INC. BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM FAILURE TO USE THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS.