



**BISSETT**  
PROFESSIONAL PRODUCTS

Net Wt. 40 Lbs. (18.1 kg)

# Pre-emerge Crabgrass Control Plus Fertilizer 19-3-10

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**  
See Back Panel for Additional Precautions  
EPA Reg. No. 9198-79-66587  
EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A  
(Underlined letter is first letter used in run code on bag.)

**ACTIVE INGREDIENTS:**  
Benefin: N-butyl-N-ethyl-alpha, alpha, alpha-trifluoro-2, 6-dinitro-p-toluidine .....0.77%  
Trifluralin: alpha, alpha, alpha-trifluoro-2, 6-dinitro-N, N-dipropyl-p-toluidine .....0.38%  
**OTHER INGREDIENTS** .....98.85%  
Total .....100.00%

## Product Information

### GUARANTEED ANALYSIS

Total Nitrogen (N) .....19%  
1.17% Ammoniacal Nitrogen  
17.83% Urea Nitrogen\*  
Available Phosphate (P<sub>2</sub>O<sub>5</sub>) .....3%  
Soluble Potash (K<sub>2</sub>O) .....10%  
Sulfur (S) .....1.7%  
1.7% Free Sulfur (S)  
Plant nutrients derived from ammonium phosphate, urea, muriate of potash and polymer coated sulfur coated urea.  
\*4.4% Slowly Available Urea Nitrogen from Polymer Coated Sulfur Coated Urea

### WARRANTY DISCLAIMER and LIMITATION OF LIABILITY

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Where permissible, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES

to refund of purchase price or replacement of product, at Buyer's choice. Manufacturer **DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS.** Use contrary to label directions is not permitted.

## When & How To Use

### PRECAUTIONARY STATEMENTS

**FIRST AID:**  
If swallowed:  
• Call a poison control center or doctor immediately for treatment advice.  
• Have person sip a glass of water if able to swallow.  
• Do not induce vomiting unless told by a poison control center or doctor.  
If in eyes:  
• Hold eye open and rinse slowly and gently with water for 15-20 minutes.  
• Remove contact lenses, if present, after first 15 minutes, then continue rinsing.  
• Call a poison control center or doctor for treatment advice.  
If on skin:  
• Take off contaminated clothing.  
• Rinse skin immediately with plenty of water for 15-20 minutes.  
• Call a poison control center or doctor for treatment advice.  
If inhaled:  
• Move person to fresh air.  
• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth, if possible.  
• Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
Warning: Causes substantial but temporary eye irritation. Harmful if swallowed or absorbed through the skin, or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing dust. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash clothing before reuse.

**Personal Protective Equipment (PPE)**  
Applicator and other handlers must wear:  
- Long-sleeved shirt and long pants  
- Socks and shoes  
- Chemical resistant gloves (such as water-proof)  
- Goggles or face shield

**User Safety Requirements:** 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. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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 extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. 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 in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. Do not contaminate water when disposing of equipment washwaters.

### DIRECTIONS FOR USE

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

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. Pesticide Storage: Keep container closed and away from food, feedstuffs and domestic water supplies. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State or local authorities, by burning. If burned, stay out of smoke.

### GENERAL INFORMATION

This product has a pre-emergence herbicide which is applied to established turfgrasses for the control of annual bluegrass (Poa annua), smooth and hairy crabgrass, goosegrass, silver crabgrass or crowfoot, barnyardgrass (watergrass), and green and yellow foxtail. This product controls these annual weeds by killing their seeds as they germinate. Apply before these annual weeds begin to germinate since it does not control established weeds. When applied as directed, the following established turfgrasses are tolerant: Kentucky Bluegrass, Fescue, St. Augustinegrass, Centipedegrass, Perennial Ryegrass, Zoysiagrass, Bahiagrass, Bermudagrass.

### RESEEDING

Chemicals that effectively control annual weed seeds may also affect new, desirable turfgrass seedlings. Reseeding should be delayed for at least 6 weeks after applying. When reseeding, it is essential that proper cultural practices such as soil cultivation, irrigation and fertilization be followed. For satisfactory reseeding results after using this product, the amount of seed used should be increased and equipment designed to place seed in contact with the soil (such as the Rogers Aero Seeder) should be employed. When using this product at the highest recommended rate, reseeding should be delayed 12 to 16 weeks after application.

### APPLICATION EQUIPMENT

Apply evenly over the turfgrass area without skips or misses. A more uniform application can be made with broadcast (rotary) type spreaders by spreading half the required amount over the area then applying the remaining half at right angles. Both drop-type and rotary-type spreaders may be used. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. Calibrate applicators prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing uniformly.

### USE PRECAUTIONS AND RESTRICTIONS

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Apply to turf prior to the germination of weed grasses since this product will not control established weeds. This product may thin established annual bluegrass (Poa annua) turfs and fine-leaved fescues at rates above 75 pounds per acre (1.5 pounds active ingredient). This product should not be applied in the spring to turfgrass planted the previous fall. In bermudagrass areas that have been overseeded with winter grasses, a spring application may thin the over-seeded grasses. Because of varying cultural practices, this product should not be used on putting greens. Do not use on dichondra. This product should not be applied to newly sprigged areas of bermudagrass, St. Augustinegrass or Centipedegrass until these turfs are well established.

Entry Restrictions: Do not enter or allow others to enter the

treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

Application Restrictions: 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.

### APPLICATION DIRECTIONS

Rates, Frequency and Timing of Application: Successful pre-emergence control of the annual grass weeds listed on this label requires proper timing of application. Apply approximately 1 to 2 weeks prior to the germination of annual grass weeds. All summer annual grasses do not germinate at the same time. If application timing does not coincide with the normal germination period of any of the annual grass weeds listed on this label, weed control results may be erratic or poor. Optimum weed control performance will be obtained if treated areas are irrigated soon after application. Any cultural practices that disturb the soil, such as aerification or verticutting, should be done prior to application.

Spring germinating summer annual grasses - crabgrass, foxtails and barnyardgrass: For pre-emergence control, apply 4.0 pounds per thousand square feet (2.0 pounds active ingredient per acre) in the spring 1 to 2 weeks prior to the onset of conditions favorable for annual weed grass seed germination. In areas of the United States where germination of the annual weed grass species continues for extended periods of time, a second application of this product from one half to the full recommended rate may be made 8 to 10 weeks after initial treatment for continued control.

Late spring, early summer germinating annual grasses - goosegrass: Although classified as a summer annual grass, goosegrass normally germinates 4 to 6 weeks later than crabgrass, foxtails and other summer annual grass species. Applications should, therefore, be timed accordingly. For pre-emergence control, apply 4.0 pounds per thousand square feet (2.0 pounds active ingredient per acre) in the late spring or early summer 1 to 2 weeks prior to the expected germination of goosegrass.

Northern and Southern turfgrasses: In areas of the United States where pre-emergence control of both early germinating annual grasses (crabgrass, foxtails and barnyardgrass) and the later germinating goosegrass is desired, two applications of from one half to the full recommended rate spaced 8 to 10 weeks apart may be made to provide full season control of these annual grass species.

Poa annua (annual bluegrass): In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in thin turfgrass areas. Irrigation and soil-incorporated reseeding will encourage existing desirable turfgrasses and newly planted seedling turfgrasses to fill in these thin areas previously occupied by annual bluegrass.

Northern (cool season) turfgrasses: For pre-emergence control, apply 4.0 pounds per thousand square feet (2.0 pounds active ingredient per acre) in late summer or early fall and again in late winter or spring 1 to 2 weeks prior to the expected germination of annual bluegrass.

## Spreading Hints

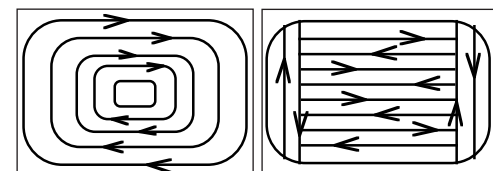
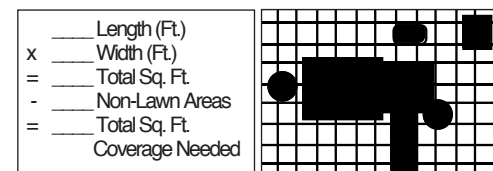
It is important to follow the directions as indicated on this quality lawn care product as over-application may cause injury to your lawn. Spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied and roughness of area treated. Refer to the table and picture below to determine the size of your lawn.

Close spreader hopper and adjust the spreader setting using the suggested spreader settings chart below. Fill spreader on driveway or sidewalk to eliminate the chance of spillage on the lawn. Refer to "Path A" when using a broadcast spreader and "Path B" when using a drop spreader. Close the spreader hopper whenever spreader stops or turns.

### SUGGESTED SPREADER SETTINGS

4.0 Lbs. of Product/1000 Sq. Ft.

Earthway 2400	17
LESCO	G
Prizelawn BF-1	J
Scotts R8A	L 1/2
Spyker	4



Path A

Path B

Distributed by:  
**BISSETT NURSERY, INC.**  
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11742

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(BLKF153B)