

SURGE 15-3-5

1 of 2
PM25
6133-15

ACCEPTED
FEB 7 1986
Under Fungicide, Insecticide,
Fungicide, Pesticide Act,
as a Fungicide, Insecticide,
pesticide
EPA Reg. No. 6133-15

TURF FERTILIZER WITH

NOT REVIEWED
In Accordance with PR Notice 8243
Based on Draft Labeling Dated

TEAM

Active Ingredient: K-butyl-N-ethyl-a,a,a-trifluoro-2,6-dinitro-p-toluidine.....	76%
trifluralin: a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine.....	38%
Inert Ingredients.....	98.85%
GUARANTEED ANALYSIS:	
Total Nitrogen (N)	15%
Coated Slow Release Urea Nitrogen	3.00%
Urea Nitrogen	10.82%
Ammonical Nitrogen	1.16%
Available Phosphoric Acid (P2O5).....	3%
Soluble Potash (K2O).....	5%
EPA Est. No 6133	EPA Reg No. 6133-15

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals
Keep Out of Reach of Children

*TEAM is a registered trademark of the
Blanco Products Co.

WARNING

Causes eye irritation. Do not get in eyes. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust and contact with skin sensitization reactions in certain individuals. Use eye protection and protective clothing such as coveralls, a long-sleeved shirt and impermeable gloves when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

First Aid

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Call a physician.
If swallowed: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol.
If on skin: wash with plenty of soap and water. Get medical attention if irritation persists.
If inhaled: If breathing difficulty occurs, move individual to fresh air and get medical attention.

Environmental Hazards

Do not contaminate any body of water by direct application, cleaning of equipment or disposal of waste.

STORAGE AND DISPOSAL

Storage: Store in original container only. In case of leak or spill, contain material and dispose of waste.
Pesticide Disposal: Do not contaminate water, food, or feed by storage or 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 and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

Read all Directions Carefully Before Applying

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It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Surge 15-3-5 Fertilizer with Teaa is a preemergence 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. Surge 15-3-5 Fertilizer with Teaa controls these annual weeds by killing their seeds as they germinate. Apply Surge 15-3-5 Fertilizer with Teaa before these annual weeds begin to germinate since it does not control established weeds. When Surge 15-3-5 Fertilizer with Teaa is applied as directed, the following established turfgrasses are tolerant: Kentucky bluegrass, Fescue, St. Augustinegrass, Perennial ryegrass, Zoysiagrass, Bahiagrass, Centipedegrass, Bermudagrass. Surge 15-3-5 Fertilizer with Teaa will not harm most nearby established ornamental trees and shrubs.

APPLICATION DIRECTIONS Rates, Frequency and Timing of Application

Successful preemergence control of the annual grass weeds listed on this label requires proper timing of application. Apply Surge 15-3-5 Fertilizer with Teaa approximately one to two 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 of Surge 15-3-5 Fertilizer with Teaa.

Northern (Cool Season) Turfgrasses

1. Spring germinating summer annual grasses-crabgrasses, foxtails and barnyardgrass. For preemergence control, apply 130 to 175 pounds per acre (1.5 to 2 pounds active ingredient) of Surge 15-3-5 Fertilizer with Teaa per acre in the spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination. In areas where germination of the annual weed grass species continues for extended periods of time, a second application of Surge 15-3-5 Fertilizer with Teaa at the recommended rate may be made 18 to 20 weeks after initial treatment for continued control.
2. Late spring, early summer germinating annual grasses - goosegrass. Although classified as a summer annual grass, goosegrass normally germinate 4 to 6 weeks later than crabgrass, foxtails and other summer annual grass species. Application of Surge 15-3-5 Fertilizer with Teaa should, therefore, be timed accordingly. For preemergence control, apply 175 pounds (2 pounds active ingredient) of Surge 15-3-5 Fertilizer with Teaa per acre in the late spring or early summer one to two weeks prior to the expected germination of goosegrass.
3. Northern turfgrasses In areas where preemergence control of both early germinating annual grasses (crabgrass, foxtails and barnyardgrass and the later germinating goosegrass is desired, two applications of Surge 15-3-5 Fertilizer with Teaa at the recommended rate spaced 8 to 10 weeks apart may be made to provide full season control of these annual grass species.
4. Poa annua (annual bluegrass) In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in thin turfgrass areas. Proper fertilization, irrigation and soil incorporated reseeding will encourage existing desirable turfgrasses and newly planted seeding turfgrasses to fill in these thin areas previously occupied by annual bluegrass. For preemergence control, apply 175 pounds (2 pounds active ingredient) of Surge 15-3-5 Fertilizer with Teaa per acre in late summer or early fall and again in late winter or spring one to two weeks prior to the expected germination of annual bluegrass. For application to smaller areas, apply the following amounts of Surge 15-3-5 Fertilizer with Teaa.

Per Acre	1000 Sq. Ft.	Nitrogen per 1000 Sq. Ft.
130 pounds	3 pounds	.45
175 pounds	4 pounds	.6
260 pounds	6 pounds	.9

Reseeding Chemicals that effectively control annual weed seeds may also affect new desirable turfgrass seedings. Reseeding should be delayed for at least 6 weeks after applying Surge 15-3-5 Fertilizer with Teaa. When reseeding, it is essential that proper cultural practices such as soil cultivation, irrigation and fertilization be followed. For satisfactory reseeding results after using Surge 15-3-5 Fertilizer with Teaa the amount of seed used should be increased and equipment designed to place seed in contact with the soil (such as Rogers Aero Seeder) should be employed. When using Surge 15-3-5 fertilizer with Teaa at the highest recommended rate, reseeding should be delayed 12 to 16 weeks after application.

Application Equipment Apply Surge 15-3-5 Fertilizer with Teaa evenly over the turfgrass area without skips or misses. A more uniform application can be made spreading half the required amount over the area and 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. For best results use equipment designed to apply granular herbicides and insecticides. Calibrate applicators prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly.

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Helpful Application Techniques for Applying Surge 15-3-5 Fertilizer with Teaa

1. When using a drop type spreader, a splash board mounted under the hopper will help dispense granules more evenly. A chain fastened to the side of your spreader will leave a marked or scuffed turf area to follow and help prevent missed areas.
2. When using tractor mounted or pull-type rotary applicators to apply Surge 15-3-5 Fertilizer with Teaa it is suggested that a seed application ring and a line shield be used to control distribution of granules...3. Small area application is easy using a small rotary applicator. To insure proper coverage and avoid missed areas, treat when the wind is calm.

PRECAUTIONS

Apply Surge 15-3-5 Fertilizer with Teaa to the turf prior to the germination of weed grasses since Surge 15-3-5 Fertilizer with Teaa will not control established weeds. Surge 15-3-5 Fertilizer with Teaa may thin established annual bluegrass (poa annual) turfs and fine leaved fescues at rates above 130 pounds per acre (1.5 pounds active ingredient) Surge 15-3-5 Fertilizer with Teaa 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 of Surge 15-3-5 Fertilizer with Teaa may thin the over-seeded grasses. Because of varying cultural practices, Surge 15-3-5 Fertilizer with Teaa should not be used on putting greens. Surge 15-3-5 Fertilizer with Teaa should be applied to newly sprigged areas of bermudagrass, St. Augustinegrass or Centipedegrass until these turfs are well established.