

PM 25 62719-137

1096

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 28 1993

Mr. Douglas M. Roby
DowElanco
9002 Purdue Road, Quad IV Division
Indianapolis, In 46268-1189

Subject: Team 2G
EPA Reg. No. 62719-137
RE: CSF amendments.
Your letter dated February 12, 1993.

Dear Mr. Roby:

The above mentioned amendment submitted in connection with registration under FIFRA is acceptable provided that the following conditions are met.

1. Unless specific data is submitted, the rates listed under "Reseeding" must remain as those that were approved in the label dated Aug. 25, 1992.

2. Please update the "Environmental Hazards" section by preceding the water statement with "For terrestrial uses, do not apply directly to water..."

A stamped copy is enclosed for your records.

Sincerely,

Robert J. Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (H7505C)

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	HICKS						
DATE	6-28-93						



Team* 2G

500 005485

P1 3227736



Team* 2G

A selective preemergence herbicide for the control of crabgrass and most other annual weed grasses on lawns and golf courses in established.

- | | | |
|----------------------|---------------------|-------------------|
| Barngrass | Fescue | Bent grass lawns |
| Bermuda grass | Bryopsis grass | and other grasses |
| Blackgrass/poa annua | St. Augustine grass | Bent grass lawns |
| Centipede grass | Zoysia grass | |

Active ingredients:
 benefin-N-butyl-N-ethylhexylammonium salt 2,6-dinitro-N,N-dipropyl-4-ethyl-
 m-furamide dimethylsulfure 2,6-dinitro-N,N-dipropyl-4-ethyl-
 Inert ingredients

Contains 1 pound active ingredient per 50 pound bag

133
0.67
98.10

Keep Out of Reach of Children

CAUTION

Refer to back panel of bag for precautionary information and Directions for Use including STORAGE AND DISPOSAL.

Notice: Read this entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" inside label booklet.

In case of an emergency and in going to a health care professional with this product, call 1-800-4-A-G-R-I-C-U-L-E (426-4472). **health of the environment**

Agricultural Chemicals Do not ship or store with food, feed, drugs or clothing

MO ARK AGT MM

EPA Reg. No. 62719-137 EPA Est. 2393 IL 3-5905 IA 01-12061 MO 3-363 MI 1

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DowElanco • Indianapolis, IN 46268, U.S.A.

Specialty Herbicide

Net Weight 50 lb

ACCEPTED
with COMMENT
in EPA Letter Dabok

JUN 20 1988

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
Registration of this pesticide is
conditioned by EPA Reg. No.
62719-137

P4A 6 2 LABELS US

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Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION PRECAUCION:

Precaucion al usuario: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

Causes Eye Irritation • Harmful If Swallowed, Inhaled, Or Absorbed Through The Skin

Avoid breathing dust and contact with skin, eyes, or clothing. 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 swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

If in eyes: Flush eyes with plenty of water. Get medical attention if irritation develops.

If inhaled: If discomfort occurs, remove individual to fresh air. Get medical attention if breathing difficulty occurs. If not breathing, provide cardiopulmonary resuscitation assistance (mouth-to-mouth) and call a physician.

Environmental Hazards

This pesticide is toxic to fish. ~~Do not apply directly to water or wetlands, swamps, bays, or marshes.~~ Drift or runoff from treatment areas may be hazardous to aquatic organisms in neighboring aquatic sites. 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. Read all Directions for Use carefully before applying.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Storage: Store in original container only. In case of leak or spill, contain material and dispose as waste.

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 and local authorities, by burning. If burned, stay out of smoke.

Directions Enclosed



Refer to label booklet in pocket of bag for additional precautionary information and Directions for Use.

20115

Do not apply directly to water, areas where surface water is present or to intertidal areas below the mean high water mark.



(Editors Note: When Team 2G is formulated on limestone granules rather than clay granules, the above table should be replaced with Attachment 1.

Appropriate Spreader Settings As A Guide For Calibration
(For applying Team 2G in one pass over the turf)

Note: These settings are provided as suggested starting points in calibrating each individual spreader. Spacing two spreaders, one ahead, these settings are not intended to be used as absolute measurements by Dow Elanco or the spreader manufacturer.

Spreader Type	Spreader Setting Necessary to Apply Pounds Formulated Product Per Acre		
	75 lb/acre	100 lb/acre	150 lb/acre
Gandy Model 10A series 6, 8, 10, 11, 12, 20 and 30 ft (based on tractor speed of 5 mph)	26	30	36
Model 101 series 6, 8, 10, 11, 12, 20 and 30 ft (based on tractor speed of 5 mph)	28	32	39
Turf Loader 24, 30, 42 with (based on tractor speed of 4 mph)	24	26	28.5
600 Series 2, 4 and 5 ft (based on tractor speed of 4 mph)	15.5	18	22
Scott Rotary Model B, B Drop Spreader	6 3 1/2	6 1/2 3 3/4	11 4 3/4
Lesco Lesco Spreader (Note - set for adjustable hole 1 notch from open)	7	1 1/2	11 1/4
Cyclone Models 11, 33, 96, BSSB and BPI at 200 ft/min	3 1/4	3 1/4	3 1/2
Model 100 at 200 ft/min	3 1/4	3 1/2	3 3/4
Model 93 (based on tractor speed of 4 mph)	4 1/2	5 1/4	6 1/2
Model 99 (based on tractor speed of 4 mph)	4 1/2	4 1/2	6
Model BPI (based on tractor speed of 4 mph)	4 1/4	4 1/4	5 1/2
Spyker Spyker	3.1	3.3	3.7
Leif Model 1000 H (based on tractor speed of 4.5 mph)	2	3	4
Vicon Model 402 (with seed tray) swath width 20 ft 5 mph speed	19	24	28



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Keep Out of Reach of Children

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Avoid breathing dust and contact with skin, eyes, or clothing. 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.

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If inhaled: If discomfort occurs, remove individual to fresh air. Get medical attention if breathing difficulty occurs. If not breathing, provide cardiopulmonary resuscitation assistance (mouth to mouth) and call a physician.

Environmental Hazards
This pesticide is toxic to fish. Do not apply directly to water or wetlands (swamps, bays, or marshes). Drift or runoff from treatment areas may be hazardous to aquatic organisms in neighboring aquatic sites. 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 not registered with its labeling. Read all Directions for Use carefully before applying.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.
Storage: Store in original container only. In case of leak or spill, contain material and dispose as waste.
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 applicable equipment. Then dispose of empty bag in a sanitary manner or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

General Information
Team 2G herbicide is a pre-emergent herbicide which is applied to soil to control weeds before they appear. It is not a contact herbicide.

Warranty Disclaimer

Dow Elanco 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, subject to the inherent risks set forth below. DOW ELANCO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, formation of burdockness, presence of other materials, the manner of application or other factors, all of which are beyond the control of Dow Elanco or the seller. All such risks shall be assumed by Buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to: (a) Dow Elanco's election of one of the following:

- 1. Refund of purchase price paid by Buyer or user for product bought; or
- 2. Replacement of amount of purchase price.

Dow Elanco shall not be liable for losses or damages resulting from handling or use of this product unless Dow Elanco is specifically notified in writing of such losses or damages in writing. In no case shall Dow Elanco be liable for consequential or special damages or losses.

The terms of this Warranty, Disclaimer, and this Limitation of Remedies, shall be governed by any applicable state or federal laws or agreements. No employee or sales agent of Dow Elanco or the seller shall be authorized to vary or amend the terms of this Warranty Disclaimer, or this Limitation of Remedies.

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Present on or internal areas below the mean high water mark.

crowfoot), barnyardgrass (watergrass) and green and yellow foxtail. Team 2G also provides partial control of prostrate spurge (*Euphorbia spines*), spotted spurge (*Euphorbia maculata*), creeping spurge (*Euphorbia serpens*), creeping woodsorrel (*Oxalis corniculata*) and yellow woodsorrel (*Oxalis stricta*). Team 2G controls susceptible annual weeds by killing their seeds as they germinate. Apply Team 2G before these annual weeds begin to germinate since it does not control established weeds.

When Team 2G is applied as directed, the following established turfgrasses are tolerant:

Bahagrass	Kentucky bluegrass	Berrigrass fairways
Bermudagrass	Perennial ryegrass	and other high cut
Centipedegrass	St. Augustinegrass	Berrigrass areas
Fescue	Zoysagrass	

Team 2G will not harm most nearby established ornamental trees and shrubs.

General Use Precautions

Apply Team 2G to the turf prior to the germination of weed grasses since Team 2G will not control established weeds. Team 2G may thin established annual bluegrass (*Poa annua*) turfs and fine leaved fescues at rates above 100 pounds per acre (2 pounds active ingredient). Team 2G should not be applied in the spring to turfgrass planted the previous fall. In bermudagrass areas that have been over-seeded with winter grasses, a spring application of Team 2G may thin the over-seeded grasses. Because of varying cultural practices, Team 2G should not be used on putting greens. Team 2G should not be used on dichondra. Team 2G should not be applied to newly sodded areas of bermudagrass, St. Augustinegrass, centipedegrass or zoysagrass until these turfs are well established.

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 Team 2G 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 should be obtained if treated areas are irrigated soon after application.

Any cultural practices that disturb the soil, such as aeration or verticulating, should be done prior to application of Team 2G.

1. Spring Germinating Summer Annual Grasses - Crabgrasses, Goosegrasses, Foxtails and Barnyardgrass

A. Northern (Cool Season) Turfgrasses

For preemergence control, apply 75 to 150 pounds (1.5 to 3 pounds active ingredient) of Team 2G per acre in the spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination. Where heavy goosegrass pressure exists, use the rate of 150 pounds of Team 2G per acre. If split applications are desired, apply a cumulative rate of 150 pounds (3 pounds active ingredient) per acre and make the second application 8 to 10 weeks after the first.

B. Southern (Warm Season) Turfgrasses

For preemergence control, apply 100 to 150 pounds (2 to 3 pounds active ingredient) of Team 2G per acre in the late winter or early spring one to two 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 Team 2G at the recommended rate may be made 10 to 12 weeks after initial treatment for continued control.

2. *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 seedling turfgrasses to fill in thin areas previously occupied by annual bluegrass.

A. Northern (Cool Season) Turfgrasses

For preemergence control, apply 75 to 100 pounds (1 1/2 to 2 pounds active ingredient) of Team 2G 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.

B. Southern (Warm Season) Turfgrasses

For preemergence control, apply 150 pounds (3 pounds active ingredient) Team 2G per acre in the late summer or early fall one to two weeks prior to the expected germination of annual bluegrass. In southern areas of the United States where germination of annual bluegrass continues for extended periods of time, a second application of Team 2G at 150 pounds per acre can be made 10 to 12 weeks after the initial treatment.

For application to smaller areas, apply the following amounts of Team 2G:

Team 2G/Acre	Team 2G/1000 Sq Ft
75 lb	1 1/2 lb
100 lb	2 lb
150 lb	3 lb

Reseeding

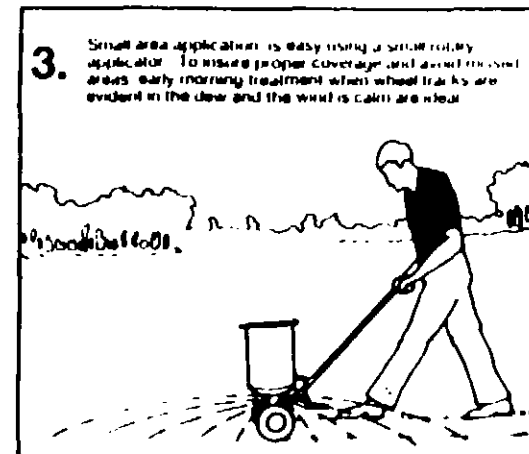
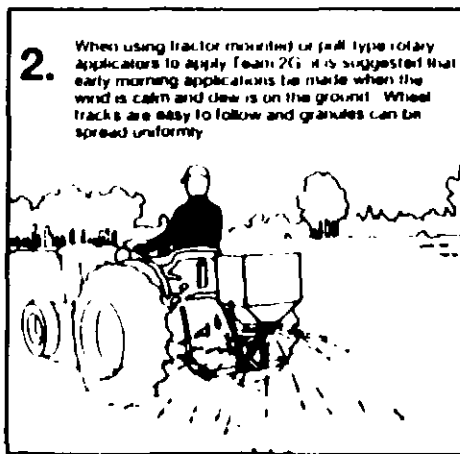
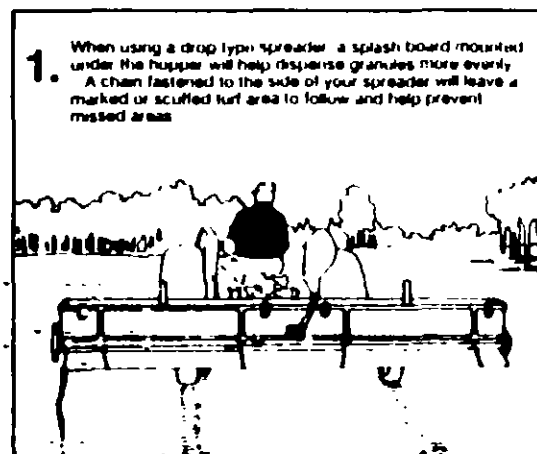
Chemicals that effectively control annual weed seeds may also affect new desirable turfgrass seedlings. When reseeding, it is essential that proper cultural practices such as soil cultivation, irrigation and fertilization be followed. For satisfactory reseeding results after using Team 2G, the amount 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. Reseeding should be delayed 8 weeks after application of Team 2G at the 75 to 100 pounds (1.5 to 2 pounds active ingredient) rate and 12-16 weeks

Application Equipment

Apply Team 2G evenly over the turfgrass area without skips or misses. A more uniform application can be made by 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.

per acre (1.5 to 2 pounds active ingredient) and 12-16 weeks at the 100 to 150 pounds per acre (2 to 3 pounds active ingredient).

Helpful Application Techniques for Applying Team 2G



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Amendment(s)
 1) Spreader settings for Team 2G to be used when Team is formulated on more dense limestone granules.
 2) Updated "In case of emergency" and Environmental Hazards (wetlands) statements.
 3) Corrected error in "Reseeding" section which omitted essential text.

2.25	D1/2 12/32"	3 3/4	3 3/4	4 1/2	3 1/2
3.5	F1/2 15/32"	4	4	4 3/4	3 3/4