

41124-8

PM 25

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MAY 4 1988

Vogel Seed & Fertilizer, Inc.
c/o Mr. Russell P. Sawye:
Registrations Plus
425 West 194th Street
Glenwood, IL 60425-1584

Gentlemen:

Subject: Revised Labels - Trifluralin Registration Standard
Spring Valley Low N 20-5-5 With Team
EPA Registration No. 41124-8
Your Submission Dated April 20, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

As labels are printed delete GENERAL CLASSIFICATION. The uses for this product have not been classified.

Sincerely yours,

Richard P. Mountfort *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosure

11250:I:Mountfort:LMF-4:KENCU:5/3/88:5/10/88:CB:VO:EK:CB

CONCURRENCES

SYMBOL	ORIGINATOR						
SURNAME							
DATE							

OFFICIAL FILE COPY

EXHIBIT C
WITH APPROVALS
RECORDED

10 OPEN
FULL MARCH 1988

Job



LOW N 20-5-5

WITH **Team**

ACCEPTED
with COMMENTS
by EPA Letter
MAY 4 1988

Under the
Firm
as
registered
911-4-8

Active Ingredient:	
N-butyl-N-ethyl-1,1,1-trifluoro-2,6-dinitro-p-toluidine	89.1
Trifluralin - alpha, alpha, alpha-trifluoro-2,6-dinitro-N, N-dipropyl-p-toluidine	1.442
Inert Ingredients	98.672
TOTAL	100.001

PRECAUTIONARY STATEMENTS

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

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 or clothing. The granular formulation may cause 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. Do not allow children or pets on lawns until 1" of water has been applied to lawn and water has dried (or, if wet conditions persist, until 24 hours have passed).

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

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.

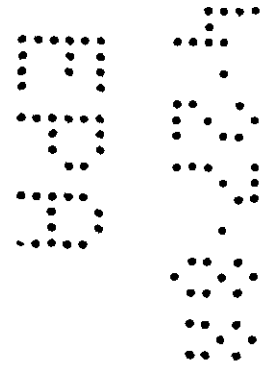
EPA REG NO 41124 8

EPA EST. NO. 41124 W11

NET WT. 50 LBS. COVERS 14,500 SQ. FT.

Mfg. By
Vogel Seed & Fertilizer, Inc.
Jackson, Wisconsin 53037

Team™ - the trademark for Elanco Products benefits plus literature



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SPRING VALLEY'S LOW-N 20-5-5 with TEAM is a high quality fertilizer or product that combines turf food to feed the lawn and a selective pre-emergence herbicide to control the below listed annual grasses.

DIRECTIONS FOR USE

General Classification

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

Read All Directions Carefully Before Applying

SPRING VALLEY'S LOW-N 20-5-5 with TEAM is a pre-emergence herbicide which is applied to established turfgrasses for the control of annual biennial grasses (poa annua, smooth and hairy crabgrass, goosegrass, fallow crabgrass or foxtail, bermudagrass, knotgrass) and green and yellow foxtail. SPRING VALLEY'S LOW-N 20-5-5 with TEAM 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 SPRING VALLEY'S LOW-N 20-5-5 with TEAM is applied as directed, the following established turfgrasses are tolerant:

- Kentucky bluegrass
- Perennial ryegrass
- Creeping bentgrass
- Seaweed
- Lyallgrass
- Bermudagrass
- St. Augustinegrass
- Sodgrass

SPRING VALLEY'S LOW-N 20-5-5 with TEAM will not harm most nearby established ornamental trees and shrubs.

STORAGE AND DISPOSAL

Storage: Store in original container only in case of loss or spill, storage 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 land or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a timely manner or by incineration, or as allowed by State and local authorities. If burning is chosen, stay out of smoke.

APPLICATION DIRECTIONS

Rate, Frequency and Timing of Application

Successful pre-emergence control of the annual grass weeds listed on this label requires proper timing of application.

Apply SPRING VALLEY'S LOW-N 20-5-5 with TEAM approximately one to two weeks prior to the germination of annual grass weeds. All major 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 verticillating, should be done prior to application of SPRING VALLEY'S LOW-N 20-5-5 with TEAM.

Spring germination summer annual grasses-crabgrass, foxtails and bermudagrass

One 500 bag of SPRING VALLEY'S LOW-N 20-5-5 with TEAM will cover 14,000 sq. ft. or 1300 per acre. Application at this rate will supply 0.448 of actual nitrogen per 1000 sq. ft. and 25 of actual TEAM per acre. Do not exceed 12 to 14 weeks after application.

- A. Northern (cool season) turfgrasses
For pre-emergence control, apply 112 to 130 pounds per acre (12 to 2 pounds active ingredient) of SPRING VALLEY'S LOW-N 20-5-5 with TEAM per acre in the spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.
- B. Southern (warm season) turfgrasses
For pre-emergence control, apply 130 to 225 pounds (2 to 3 pounds active ingredient) of SPRING VALLEY'S LOW-N 20-5-5 with TEAM 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 SPRING VALLEY'S LOW-N 20-5-5 with TEAM at the recommended rate may be made 8 to 10 weeks after initial treatment for continued control.

SPRING VALLEY'S LOW-N 20-5-5 with TEAM Per Acre	sq/ 1000 Sq. Ft.
112 pounds	2.3 pounds
130 pounds	2.4 pounds
225 pounds	5.1 pounds

PRECAUTIONS

Apply SPRING VALLEY'S LOW-N 20-5-5 with TEAM to the turf prior to the germination of weed grasses. SPRING VALLEY'S LOW-N 20-5-5 with TEAM will not control established weeds. SPRING VALLEY'S LOW-N 20-5-5 with TEAM may also control established annual biennial grasses (poa annua) turfs and fine-leaved species of rates above 112 pounds per acre (12 pounds active ingredient). SPRING VALLEY'S LOW-N 20-5-5 with TEAM should not be applied to the spring to turfgrass planted the previous fall. In bermudagrass turfs that have been overseeded with winter grasses, a spring application of SPRING VALLEY'S LOW-N 20-5-5 with TEAM may also be overseed a grasses. Because of varying cultural practices, SPRING VALLEY'S LOW-N 20-5-5 with TEAM should not be used on putting greens. SPRING VALLEY'S LOW-N 20-5-5 with TEAM should not be used on dachshunds. SPRING VALLEY'S LOW-N 20-5-5 with TEAM should not be applied to newly sited areas of bermudagrass, St. Augustinegrass or creeping bentgrass until these turfs are well established.

ANALYZED ANALYSIS

Nitrogen (N).....	20%
10.0% urea nitrogen	
2.0% ammoniacal nitrogen	
Available Phosphoric acid (P2O5).....	5%
Available Potash (K2O).....	5%

FERTILIZER ANALYSIS: 20-5-5, 10.0% urea, 2.0% ammoniacal nitrogen, 5% available phosphoric acid, 5% available potash. NET WT. 50 LBS. COVERS 14,000 SQ. FT.

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