

AUG 27 1992

Daniel Paradiso, Jr.
Product Manager
Lawn Products Division
The Andersons Management Corp.
P.O. Box 119
Maumee, Ohio 43537

Dear Mr. Paradiso:

Subject: Vertagreen Nutgrass Spray Herbicide
EPA Registration No. 8660-86
Label Revisions
Your Application & Letter Dated 7/24/92

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished printed labeling must be submitted prior to releasing the product for shipment.

Under "STATEMENT OF PRACTICAL TREATMENT", delete the last sentence under "IF ON SKIN" and under "IF IN EYES". Replace it with "Get medical attention."

Under "PRECAUTIONARY STATEMENTS", revise the third sentence of the first paragraph to read, "Avoid breathing vapors, dust or spray mist."

Under "ENVIRONMENTAL HAZARDS", revise the third sentence to read, "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."

Sincerely Yours,

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Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (H7505C)

CONCURRENCES							
SYMBOL	Enclosure						
SURNAME	C. Giles-Parker						
DATE	8/19/92						

EPA Form 1320-1 (12-70)

OFFICIAL FILE COPY

(FRONT PANEL)

VERTAGREEN®

NUTGRASS SPRAY

HERBICIDE

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 27 1992

MSMA Plus 2,4-D Liquid Suspension
For Selective Post-Emergent Weed Control

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
and under EPA Reg. No.

8660-86

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxy acetic Acid 9.50%
Monosodium Acid Methanearsonate 34.50%

INERT INGREDIENTS: 56.00%

Total 100.00%

Total Arsenic (as elemental) all in water soluble form 16.00%
Product contains 4.0 lbs. MSMA and 1.0 lb. 2,4-D acid equivalent per gallon equal
to 8.65%.

KEEP OUT OF THE REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce
vomiting by giving victim 1 or 2 glasses of water and touching back of throat
with finger. Do not induce vomiting or give anything by mouth to an unconscious
person.

IF ON SKIN: Remove contaminated clothing. Wash immediately with soap and water.
Call a physician immediately.

IF IN EYES: Flush eyes with plenty of water. Call a physician immediately.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

NET CONTENTS 1 QUART (32 FL. OZ.)

SHAKE WELL BEFORE USING

EPA Reg. No. 8660-86

EPA Est. 9198-OH-1

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(BACK PANEL)

NET CONTENTS 1 QUART (32 FL. OZ.)

VERTAGREEN®
NUTGRASS SPRAY
HERBICIDE

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Do not breathe spray mist. Wash hands thoroughly after using and before eating or smoking. Keep children and animals off treated areas until spray has dried and material has been washed into the soil. Do not apply this product with hose end applicators. Avoid contamination of feed and foodstuff. Wear protective clothing when handling this product including long pants, long sleeved shirt and impermeable gloves and boots. Do not feed treated foliage to livestock or graze treated areas.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). 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.

Vertagreen Nutgrass Spray is useful for selective post emergent control of common lawn weeds such as Dallisgrass, Dandelion, Plantain and Chickweed, without harming desirable lawn grasses. It is also useful for the control of a wide variety of weeds in non-crop areas, such as railroad right of ways, roadsides, and storage areas. It is a combination of MSMA, 2,4-D and surfactant. It is unnecessary to add any other surfactant to the spray solution. Best results are obtained on young actively growing weeds at air temperatures above 70°F.

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LAWNS AND ORNAMENTAL TURF: Determine the area to be treated and prepare the solution accurately. Apply with tank type sprayer, adjusting for coarse spray to prevent drift which could damage nearby desirable plants. For spring and fall applications, dissolve 2 fl. oz. (4 tbsp.) Nutgrass Spray in 5 gallons of water and apply to an area of 1,000 sq. ft. Apply when weeds are young and actively growing. Good soil moisture gives best results. Water before application if soil is dry. Repeat applications at one week intervals result in better control than an excessive single dose. Bent and Fescue grasses may be temporarily affected, especially in hot weather in dry soil. Do not apply to newly seeded lawns. Do not use on St. Augustine, Centipede, Dichondra or Clover lawns. Do not allow spray to drift into contact with trees, ornamental plants or vegetable gardens. Typical 2,4-D injury may result from misapplication.

NON-CROP: Nutgrass Spray is a contact herbicide useful for controlling Annual Broadleaf weeds and grasses such as Puncturevine, Wild Mustard, Wild Oats, Chickweed, Sandbur, Common Ragweed, Pigweed, Barnyardgrass, Giant Foxtail and Yellow Foxtail and to top kill certain perennials such as Johnsongrass, Dallisgrass, Nutsedge and Tules.

Nutgrass Spray is recommended for control of weeds along fences, sidewalks, driveways and parkways. It should be applied at the rate of 1/2 to 1 gallon per acre (2 oz. in 3 to 5 gallons per 1,000 sq. ft.). Spray unwanted vegetation thoroughly to just short of runoff. If regrowth occurs, reapply as required.

MIXING INSTRUCTIONS

Nutgrass Spray must be thoroughly dissolved. Stir well before starting to spray. Fill the spray equipment reservoir about half full with water and add the required amount of herbicide with agitation. Finish filling the reservoir with water and apply. After use, clean equipment thoroughly by washing with water containing an active detergent followed by a rinse with 1% ammonia solution. Do not use equipment for other purposes until it has been thoroughly cleaned. Do not store solution in tank for a prolonged period.

This product can reach groundwater as a result of mixing and loading. To minimize groundwater contamination from spills during mixing, loading and cleaning of equipment, take the following steps:

MIXING AND LOADING: When mixing, loading or applying this product, wear chemical resistant gloves. Wash nondisposable gloves thoroughly with soap and water before removing.

The mixing and loading of spray mixtures into the spray equipment must be carried out on an impervious pad (i.e., concrete slab, plastic sheeting) large enough to catch any spilled material. If spills occur, contain the spill by using an absorbent material (i.e., sand, earth or synthetic absorbent). Dispose of the contaminated absorbent material by placing in a plastic bag and following disposal instructions on this label. Triple rinse empty containers and add the rinsate to the mixing tank.

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CLEANING OF EQUIPMENT: When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

STORAGE AND DISPOSAL

FOR HOMEOWNER USE ONLY:

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies. **PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse bag. Discard bag in trash.

FOR PROFESSIONAL/COMMERCIAL USE ONLY:

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs, and domestic water supplies. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal Law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **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.

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WARRANTY STATEMENT

MANUFACTURER warrants that this product (1) conforms to the ingredient statement on the label and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. MANUFACTURER MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

The manufacturer's directions regarding use of this product are based upon tests believed to be reliable. All statements made concerning this product apply only when used as directed, under normal use conditions. FOLLOW DIRECTIONS CAREFULLY. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the manufacturer. Buyer assumes all risks of use, storage or handling of this product.

Manufactured By:

PARKER FERTILIZER CO.
201 4TH STREET
SYLACAUGA, AL 35150

Date Printed: 07/19/92
Date Approved:
Supersedes:
Label Change: