

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 15 2001

Sanford R. Simon  
Pursell Industries, Inc.  
P.O. Box 540  
Sylacauga, AL 35150

Dear Mr. Simon:

Subject: Oryzalin RED Response - Revised Draft Labeling  
VertaGreen Fertilizer with 1% Surflan  
EPA Registration No. 8660-150  
Your Submission Dated February 7, 2001

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

- 1) The heading "Active Ingredients" should be made singular.
- 2) The statement "Do not contaminate water, food or feed by storage and disposal", currently located in the Pesticide Storage section, should be relocated so that it appears directly beneath the Storage and Disposal heading. In this way, it clearly applies to both storage and disposal.
- 3) The proposed name change is acceptable. We now acknowledge the official name for this product to be "VertaGreen Fertilizer with 1% Surflan." Please refer to this name in all future correspondences with the Agency regarding this product.

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the referenced label, incorporating the above changes, before releasing the product for shipment.

DK:305-7546:HB/PM23

		CONCURRENCES						
SYMBOL	7505C							
SURNAME	D. KENNY							
DATE	5/15/2001							

EPA has determined that you have fulfilled the labeling and product specific data requirements of the Oryzalin RED. However, we cannot reregister this product at this time. This product is registered for use on turfgrass, a use for which the Agency does not have sufficient information to make a reregistration eligibility decision. Once the required data [foliar dislodgeable residues (§132-1a and §132-1b), estimation of dermal exposure (§133-3), and estimation of inhalation exposure (§133-4)], have been reviewed by the Agency, EPA will make a reregistration eligibility decision for the turfgrass use.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

(FRONT PANEL)

**VERTAGREEN® FERTILIZER WITH 1% SURFLAN®**

Treats Up To 10,800 Sq. Ft.

**ACTIVE INGREDIENTS:**

Oryzalin (3,5-dinitro-N<sub>4</sub>,N<sub>4</sub>-dipropylsulfanilamide) ..... 1.00%

**INERT INGREDIENTS:** ..... 99.00%

TOTAL ..... 100.00%

Contains 20 pounds active ingredient per ton.  
Surflan® is a Registered Trademark of DowAgroSciences

EPA Reg. No. 8660-150  
EPA Est. No. 8660-AL-1

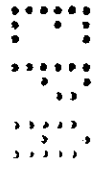
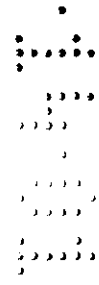
**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**  
**SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS**

**NET WEIGHT 50 LBS.**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAY 15 2001

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
8660-150



(BACK PANEL)

**GUARANTEED ANALYSIS**

Total Nitrogen (N).....	x.x%
x.x% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	x.x%
Soluble Potash (K <sub>2</sub> O).....	x.x%

Sources of Plant Nutrients: Ammonium Sulfate, Ammonium Phosphate, and Muriate of Potash

**PRECAUTIONARY STATEMENT**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING**

Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wear protective eyewear (goggles, face shield or safety glasses), long-sleeved shirt, long pants, socks and shoes when handling this product. Keep all persons, children and pets out of the treated area until the dusts have settled.

**USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry

**USER SAFETY RECOMMENDATIONS**

Wash hands before eating, drinking, chewing gum, using tobacco, or using toilet. Remove clothing immediately if pesticide gets inside. Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

**FIRST AID**      The table below describes the first aid procedures for incidents involving VERTAGREEN® FERTILIZER 16-4-8 WITH 1% SURFLAN®

If ...	Then...
Swallowed	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
On Skin or Clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
In Eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

**Note:** Have this product container or label with you when calling a poison control center or doctor, or going for treatment. Active Ingredient: Surflan, CAS # 19044-88-3

**ENVIRONMENTAL HAZARDS**

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

## WHERE & HOW TO USE

For use on established Bahiagrass, Bermudagrass, Centipedegrass, Tall Fescue, St. Augustinegrass, and Zoysiagrass.

## WEEDS CONTROLLED

Controls Barnyardgrass, Crabgrass (large and smooth), Crowsfootgrass, Foxtails, Goosegrass, Johnsongrass, Annual Ryegrass, Field Sandbur and Annual Bluegrass (*Poa annua*). Also controls Carpetweed, Prostrate Knotweed, Common Purslane, Common Chickweed and Henbit.

## READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING

### 1. Spring germinating summer annual grasses and broadleaf weeds

For preemergence control, apply 200 lbs. per acre (4.6 lbs. per 1,000 sq. ft.) in late winter or early spring, prior to onset of conditions favorable for annual weedgrass germination.

### 2. *Poa annua* (Annual Bluegrass) and broadleaf winter annuals

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 turfgrass to fill in these thin areas previously occupied by Annual Bluegrass. For preemergence control, apply 150 lbs. per acre (3.5 lbs. per 1,000 sq. ft.) in late summer or early fall prior to the expected germination of Annual Bluegrass and broadleaf winter annual weeds.

## RESEEDING

Chemicals that effectively control annual weeds may also affect new desirable turfgrass seedlings. Reseeding should be delayed for at least 90-120 days after applying this product. When reseeding, it is essential that proper cultural practices such as soil cultivation, irrigation and fertilization be followed. For satisfactory reseeding results, the amount of seed used should be increased and equipment designed to place seed in contact with the soil should be used.

## PRECAUTIONS

Apply this product prior to the germination of annual weed grasses since Surflan® will not control established weeds. This product may injure turf that is under weakened condition due to degree of establishment or winter climatic conditions. Apply this product to healthy established turf only. This product should not be applied in the spring to turfgrasses planted the previous fall. In Bermudagrass areas that have been overseeded with winter grasses, a spring application of this product will thin the overseeded grasses.

Do not apply on newly sprigged areas of Bermudagrass, St. Augustinegrass or Centipedegrass or Zoysiagrass until these turfs are well established.

Do not use this product in combination with atrazine on turf. Do not use this product on golf course putting greens.

## STORAGE AND DISPOSAL

### FOR HOMEOWNER USE ONLY:

**PESTICIDE STORAGE:** 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:

**PESTICIDE STORAGE:** 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 instruction, 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.

#### **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:  
**Pursell Industries, Inc**  
P O Box 540  
Sylacauga, AL 35150