

[FRONT]

Koban® 30  
TURF FUNGICIDE  
FOR PREVENTIVE AND CURATIVE CONTROL  
OF  
PYTHIUM

ACTIVE INGREDIENT:

Etriazole† *	30 %
OTHER INGREDIENTS:	70 %
Total	100 %

†CAS #2593-15-9

**KEEP OUT OF THE REACH OF CHILDREN**  
**WARNING AVISO**

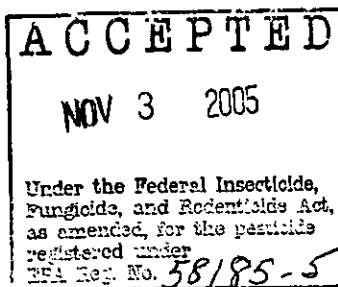
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**FIRST AID**

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

For additional information in case of emergency call toll free CHEMTREC (1-800-424-9300). Have product label with you when calling a poison control center or going for treatment.

\* Licensed under U.S. Patents 3,260,588 and 3,260,725



(Front Panel Cont.)

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**WARNING!** Causes substantial but temporary eye injury. Do not get in eyes or on clothing.

#### Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for Category A on the EPA chemical resistance category selection chart.

Mixers, loaders, and applicators participating in high-pressure handwand sprayer applications must wear:

- goggles or face shield,
- coveralls over long-sleeved shirt and long pants,
- chemical-resistant gloves made of any waterproof material
- chemical-resistant footwear plus socks,
- NIOSH-approved respirator with:
  - an organic-vapor-removing cartridge with a prefilter approved pesticides (MSHA/NIOSH approval number prefix TC-23C), or
  - a canister approved pesticides (MSHA/NIOSH approval number prefix TC-14G), or
  - a NIOSH approved respirator with an OV cartridge or canister with any N, R, P, or HE prefilter
- chemical-resistant apron when mixing, loading, cleaning equipment

All other mixers, Loaders, applicators, and other handlers must wear:

- goggles or face shield,
- long-sleeved shirt and long pants,
- chemical-resistant gloves made of any waterproof material
- chemical resistant headgear for overhead exposure
- NIOSH-approved respirator with:
  - an organic-vapor-removing cartridge with a prefilter approved pesticides (MSHA/NIOSH approval number prefix TC-23C), or
  - a canister approved pesticides (MSHA/NIOSH approval number prefix TC-14G), or
  - a NIOSH approved respirator with an OV cartridge or canister with any N, R, P, or HE prefilter

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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

**Engineering Controls**

When all other handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(5), the handler PPE requirements may be reduced or modified as specified.

**User Safety Recommendations:**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Environmental Hazards**

**THIS PRODUCT IS TOXIC TO FISH.** 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. Do not graze treated areas. Do not feed clippings to livestock. Etridiazole can contaminate surface water through spray drift. Under some conditions, etridiazole may have a high potential for runoff into surface water for several weeks postapplication. These conditions include poorly draining or wet soils with readily visible slopes toward adjacent surface water, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent waters with vegetated filter strips, and areas overlaying tile drainage systems that drain surface water.

**SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA Reg. No. 58185-5

EPA Est. No.  
228-IL-1

XXXXX

NET WT. 2 LBS. (907  
g)

(Scotts®)  
Scotts-Sierra Crop Protection Company  
14111 Scottslawn Rd., Marysville, OH 43041

### **DIRECTIONS FOR USE**

#### **IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not allow this product to drift. For any requirements specific to your State or Tribe, consult the Agency responsible for pesticide regulation.

#### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Workers Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as soil or water, is:

- coveralls
- chemical-resistant gloves made of any waterproof material
- shoes plus socks

#### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40CR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

- Do not enter or allow others to enter area until spray has dried.

**DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.**

**For commercial use only. Not for use on home lawns, sod farms, or municipal parks.**

KOBAN 30 is intended for use on ornamental turf which is subject to Pythium blight, damping off, cottony blight and Pythium Root and Crown Rot. It may be used at time of seeding to control damping off, or on establishing turf to prevent or control Pythium blight (cottony blight and Pythium Root and Crown Rot).

KOBAN 30 does not afford broad spectrum fungus disease control for *Rhizoctonia* (brown patch), *Sclerotinia* (dollar spot), *Gloeocercospora* (copper spot), and similar turf diseases. A fungicide program to control these diseases should be followed if they co-exist with Pythium blight.

For use on golf course greens and tees only.

**For control of Pythium blight (cottony blight), grease spot, damping off and Pythium Root and Crown Rot on turf.**

Night temperatures above 65°F (18.3°C) with high humidity are favorable for Pythium development.

Add KOBAN 30 to the spray tank with the agitator in operation. Disperse 2 to 4 ½ oz. of KOBAN 30 in 5 gals. of water for each 1,000 ft<sup>2</sup>. of turf to be treated. Use 2 oz./1,000 ft<sup>2</sup>. when disease incidence is expected to be light and 4 ½ oz./1,000 ft<sup>2</sup>. for more severe conditions.

For Pythium Root and Crown Rot apply KOBAN 30 at 4 ½ oz. in 5 gals. water per 1,000 ft<sup>2</sup>. Drench (irrigate) the treated area immediately following application to increase performance. During periods of high daytime temperatures (90° - 95°F) apply KOBAN 30 in early morning or late afternoon.

Apply uniformly to the turf area with a SPRAYHAWK® mobile spray boom or other suitable equipment.

Re-treat in 10 days, depending upon climatic conditions, to maintain disease control. KOBAN 30 should not be mixed with other pesticides or nutrients.

**For control of damping-off in newly seeded areas:**

Apply 4 ½ oz. of KOBAN 30 in 5 to 10 gals. of water/1,000 sq. ft<sup>2</sup>. immediately after seeding. Irrigate promptly for improved soil penetration of the fungicide and to initiate seed germination. Retreat at 10 day intervals, using a 2 ½ to 4 ½ oz/1000 ft<sup>2</sup> rate to maintain a preventive disease control program after germination.

Use FUNGO® 50, DUOSAN® OR VORLAN® to control a broad spectrum of diseases other than Pythium.

**IMPORTANT:**

Application to fairways is prohibited.

The maximum application rate for golf course tees and greens may not exceed 4.5 oz /1000 ft<sup>2</sup>/application and may not exceed 11 oz /1000 ft<sup>2</sup>/year.

The interval between applications to golf course tees and greens may not be less than 10 days.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Not sensitive to light. Stable at normal temperatures and humidities. Store in a dry place at temperature above 45°F (7°C) in a well-closed container.

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinse water that cannot be used according to the label instructions must be disposed of according to applicable Federal, State or local procedures.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling, reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY**

This product has been researched to provide necessary data to support its uses listed on the label. The user should always follow the label directions and exercise his judgement and caution when using the product under his growing conditions. **NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS, OR IMPLIED CONCERNING THE RESULTS TO BE OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS.** The exclusive remedy of the user and Buyer, and limit of liability of The Scotts Company, or any of its affiliates, for any and all losses, injuries and damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of The Scotts Company.

Scotts-Sierra Crop Protection Company  
14111 Scottslawn Rd.  
Marysville, Oh 43041

KOBAN® is a registered trademark of Scotts-Sierra Corp Protection Company for its brand of Fungicide products.

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**SCOTTS-SIERRA CROP PROTECTION COMPANY**

# **Chemigation Information**

**For Ornamental Use Only**

## **INTRODUCTION**

Pesticide labels contain Directions For Use that are necessary for effecting the purpose for which the product is intended. Further, they protect health and environment risks of pesticide contamination of ground water and decrease direct human exposure to pesticide-treated irrigation water.

Do not connect chemigation system to a public water system.

Apply this product only through pressurized drench (flood), sprinkler or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation systems.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.

Do not connect any irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

Should the need arise, a person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments.

## **Pressurized Drench (Flood) System**

Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:

- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlocked to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump, (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

## **Sprinkler Chemigation**

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump, (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

## **Drip (Trickle) Chemigation**

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

- The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.



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- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump, (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

### General Information

Pesticide supply tanks are recommended for the application of these products. See label instructions for dilution use rates and timing of application. For emulsifiable concentrates – agitate prior to use. For wettable powders – agitate continuously during application.

### Toxicity Category I Products (Label Signal Word-Danger)

Posting of areas to be chemigated is required when 1) any part of a treated area is within 300 feet of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, inpatient clinics, nursing homes or any public areas such as schools, parks, playgrounds, or other public facilities not including public roads, or 2) when the chemigated area is open to the public such as golf courses or retail greenhouses.

Posting must conform to the following requirements: Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters at least 2 1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the sign shall be the words **KEEP OUT**, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word **STOP**. Below the symbol shall be the words **PESTICIDES IN IRRIGATION WATER**.

For additional information contact:



Customer Service  
SCOTTS-SIERRA CROP PROTECTION COMPANY  
14111 Scottslawn Road, Marysville, OH 43041  
1-800-492-8255