

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

June 1, 2015

Jessica Fernandez Registration Manager Bayer Cropscience LP P.O. Box 12014 2 T.W. Alexander Dr. Research Triangle Park, NC 27709

Subject: Label Amendment – addition of chemigation instructions, additional minor edits; and supplemental label for these revisions
 Product Name: Provost 433 SC Fungicide
 EPA Registration Number: 264-861
 Application Date: February 27, 2015; Resubmission dated May 15, 2015
 Decision Number: 502440

Dear Ms. Fernandez:

The amended master and supplemental label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. The master labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact me by phone at 703-305-5410, or via email at johnson.hope@epa.gov.

Sincerely,

Hope Johnson, Product Manager 21 Fungicide Branch Registration Division (7505P) Office of Pesticide Programs

Enclosure



Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 264-861

GROUP

3

# PROVOST<sup>®</sup> 433 SC Fungicide

#### For control of specified diseases on peanuts.

#### ACTIVE INGREDIENTS:

EPA Reg. No. 264-861 EPA E	EPA Est.	
Contains 1.2 lbs/gal (144.6 g/l) of prothioconazole plus 2.4 lbs/gal (289.3 g/l) of tebuconazole	100.0%	
OTHER INGREDIENTS:	<u>61.3%</u>	
ethanol	25.8%	
Tebuconazole, alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl-1H-1,2,4-triazole-1-		
(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione		
Prothioconazole, 2-[2-(1-Chlorocyclopropyl)-3-		

# STOP - Read the label before use KEEP OUT OF REACH OF CHILDREN CAUTION

# For <u>MEDICAL</u> and <u>TRANSPORTATION</u> Emergencies <u>ONLY</u> Call 24 Hours A Day 1-800-334-7577 For <u>PRODUCT</u> <u>USE</u> Information Call 1-866-99BAYER (1-866-992-2937)

FIRST AID

FIRST AID			
IF SWALLOWED:	Immediately call a poison control center or doctor for treatment advice.		
	• Do not induce vomiting unless told to do so by a poison control center or doctor.		
	Have person sip a glass of water if able to swallow.		
	Do not give anything by mouth to an unconscious person.		
IF INHALED:	Move person to fresh air.		
	• If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible.		
	Call a poison control center or doctor for further treatment advice.		
IF ON SKIN OR CLOTHING:	Take off contaminated clothing.		
	Rinse skin immediately with plenty of water for 15-20 minutes.		
	Call a poison control center or doctor for treatment advice.		
IF IN EYES:	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.		
	Call a poison control center or doctor for treatment advice.		
	For MEDICAL Emergencies Call 24 Hours A Day 1-800-334-7577.		
Have the product	container or label with you when calling a poison control center or doctor or going for treatment.		
NOTE TO PHYSICIAN:	No specific antidote. Treat symptomatically.		

# **PRECAUTIONARY STATEMENTS**

# HAZARD TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

#### Personal Protective Equipment

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks

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

#### **Engineering Control Statements**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

# 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.
- Wash the outside of gloves before removing.

## **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to estuarine and marine invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff maybe hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Prothioconazole-desthio (a degradate of prothioconazole) is toxic to shrimp. 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 washwater or rinsate.

Prothioconazole-desthio (a degradate of prothioconazole) is known to leach through soil into ground water under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow watertables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

# **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. 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 Worker 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 and notification to workers (as applicable). 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 plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material.
- Shoes plus socks

#### **USE INFORMATION**

PROVOST® 433 SC Fungicide is a broad-spectrum systemic fungicide for the control of Ascomycetes, Basidiomycetes and Deuteromycetes diseases in peanuts. Under conditions conducive to extended infection periods or high disease pressure, additional fungicide applications beyond the number allowed by this label may be needed. Under these conditions use another fungicide registered for the crop/disease.

#### **Resistance Management Statement**

PROVOST 433 SC Fungicide is a Group 3 fungicide which exhibits no known cross-resistance to other fungicide groups. However, fungal pathogens are known to develop resistance to products with the same mode of action when used repeatedly. Any fungal population may contain or develop individuals that are resistant to PROVOST 433 SC Fungicide and other Group 3 fungicides. If Group 3 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted diseases, the resistant isolates may eventually dominate the fungal population. Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies established for the crop and use area. Such strategies may include rotation and /or tank mixing with products having different modes of action or limiting the total number of applications per season. Contact your local extension specialist, certified crop advisor, and/or manufacturer for fungicide resistance management and/or integrated disease management to ensure effective long-term control of the fungal diseases on this label.

#### **Spray Equipment/Volumes**

PROVOST 433 SC Fungicide may be applied by either ground or aerial application equipment. Apply in a minimum of 10 gallons of spray solution per acre by ground sprayer or in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied. If necessary, increase the spray volume per acre for complete crop coverage.

#### **Mixing Procedures**

Prepare no more spray mixture than is necessary for the immediate operation. Thoroughly clean spray equipment before using this product. Maintain maximum agitation throughout the spray operation. Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to the previously treated area or dispose of the rinsate according to local regulations.

**PROVOST 433 SC Fungicide Alone:** Add ½ of the required amount of water to the mix tank. With the agitator running, add the PROVOST 433 SC Fungicide to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the product has completely and uniformly dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

**PROVOST 433 SC Fungicide + Tank-Mix Partners:** Add ½ of the required amount of water to the mix tank. Start the agitator running before adding any of the tank-mix partners. In general, tank-mix partners should be added in this order: products packaged in water-soluble packaging\*, wettable powders, wettable granules (dry flowables), liquid flowables, liquids and emusifiable concentrates. Always allow each tank-mix partner to become fully and uniformly dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all of the mixture has been applied.

\* **Note:** When using PROVOST 433 SC Fungicide in tank mixtures, all products in water-soluble packaging should be added to the tank before any other tank-mix partner, including PROVOST 433 SC Fungicide. Allow the water-soluble packaging to completely disperse before adding any other tank-mix partner to the tank.

If using PROVOST 433 SC Fungicide in a tank mixture, observe all directions for use, crop/sites, use rates, dilution ratios, precautions, and restrictions; which appear on the tank-mix product label. No label dosage rate may be exceeded, and the most restrictive label precautions and limitations must be followed. This product must not be mixed with any product that prohibits such mixing. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

PROVOST 433 SC Fungicide is compatible with most insecticide, fungicide, herbicide and foliar nutrient products. However, the physical compatibility of PROVOST 433 SC Fungicide with tank-mix partners should be tested before use. To determine the physical compatibility of PROVOST 433 SC Fungicide with other products, use a jar test, as described below.

Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water-dispersible granular products first, then liquids, and emusifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. For further information contact your local Bayer CropScience representative.

The crop safety of all potential tank mixes including additives and other pesticides on all crops has not been tested. Before applying any tank mixture not specifically recommended on this label, the safety to the target crop should be confirmed. To test for crop safety, apply PROVOST 433 SC Fungicide to the target crop in a small area and in accordance with label instructions for the target crop.

#### **Aerial Application**

Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur.

#### Chemigation

Apply PROVOST 433 SC Fungicide through irrigation equipment only to crops for which chemigation is specified on this label.

PROVOST 433 SC Fungicide alone or in combination with other pesticides, which are registered for application through irrigation systems, may be applied through irrigation systems. Apply this product only through center pivot, solid set, drip, linear, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system. Illegal pesticide residues in the crop can result from nonuniform 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 an 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. 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 should the need arise.

#### **Operating Instructions**

- 1. 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.
- 2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
- 3. 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.
- 4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5. 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.
- 7. Do not apply when wind speed favors drift beyond the area intended for treatment.

#### **Center Pivot Irrigation Equipment**

Notes: (1) Use only with drive systems, which provide uniform water distribution. (2) Do not use end guns when chemigating PROVOST 433 SC Fungicide through center pivot systems because of non-uniform application.

Determine the size of the area to be treated. Determine the time required to apply 1/8-1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as recommended by the equipment manufacturer. When applying PROVOST 433 SC Fungicide through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity. Using water, determine the injection pump output when operated at normal line pressure. Determine the amount of PROVOST 433 SC Fungicide required to treat the area covered by the irrigation system. Add the required amount of PROVOST 433 SC Fungicide and sufficient water to meet the injection time requirements to the solution tank. Make sure the system is fully charged with water before starting injection of the PROVOST 433 SC Fungicide solution. Time the injection to last at least as long as it takes to bring the system to full pressure. Maintain constant solution tank agitation during the injection period. Continue to operate the system until the PROVOST 433 SC Fungicide solution has cleared the sprinkler head.

#### Solid Set and Moving Wheel Irrigation Equipment

When applying PROVOST 433 SC Fungicide through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Determine the amount of PROVOST 433 SC Fungicide required to treat the area covered by the irrigation system. Add the required amount of PROVOST 433 SC Fungicide into the same quantity of water used to calibrate the injection period. Operate the system at the same pressure and time interval established during the calibration. Stop injection equipment after treatment is completed. Continue to operate the system until the PROVOST 433 SC Fungicide solution has cleared the last sprinkler head.

#### Using Water from Public Water Systems

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone (RPZ), back flow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the pesticide injection pump and connected to the system must contain functional 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 or in cases where there is no water pump, 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.

#### **Spray Drift Directions**

Do not make applications when conditions favor drift beyond the target application area. When drift may be a problem, take measures to reduce drift, including:

- 1. Do not spray if wind speeds are or become excessive. Do not spray if wind speed is 15 mph or greater. If non-target crops are located downwind, use caution when spraying if wind is present. Do not spray if winds are gusty.
- 2. Use caution when conditions are favorable for drift (high temperatures, drought, and low relative humidity).
- 3. Do not apply when temperature inversion exists. If inversion conditions are suspected, consult with local weather services before making an application.

### **ROTATIONAL RESTRICTIONS**

Treated areas may be replanted with any crop specified on this label as soon as practical after last application. For crops not listed on this label, do not plant back within 30 days of last application.

#### **USE DIRECTIONS FOR SPECIFIC CROPS**

PROVOST 433 SC Fungicide provides control or suppression of many important diseases of peanuts. When reference is made to disease suppression, suppression can mean either erratic control from good to fair or consistent control at a level below that obtained with the best commercial disease control products.

APPLICATION DIREC	APPLICATION DIRECTIONS		
CROP	DISEASE CONTROLLED	RATE OF PROVOST 433 SC FUNGICIDE	
Peanut	Foliar diseases         Early Leaf Spot (Cercospora arachidicola)         Late Leaf Spot (Cercosporidium personatum)         Leaf Rust (Puccinia arachidis)         Web Blotch (Phoma arachidicola)         Leaf Scorch and Pepper Spot (Leptosphaerulina crassiasca)         Soil-borne diseases         Sclerotium Rot, White Mold, Southern Blight, Southern Stem Rot (Sclerotium rolfsii)         Rhizoctonia Limb Rot, Peg Rot, Pod Rot (Rhizoctonia solani)	7 to 8 fl oz per acre	
Application Direction	Cylindrocladium Black Rot ( <i>Cylindrocladium crotalariae</i> ) (Suppression Only)	10.7 fl oz per acre	

#### **Application Directions**

**Disease Control Program:** For foliar diseases, apply the specified rate in a preventive spray schedule using a 14-day interval. For optimum control of the specified soil-borne diseases, it is recommended that four consecutive applications of PROVOST 433 SC Fungicide be made at 14-day intervals. In a typical 7 spray application program, PROVOST 433 SC Fungicide should be applied in a block (sprays 3, 4, 5 and 6). If fewer than 7 calendar-based applications are typically made, the number of consecutive block sprays with PROVOST 433 SC Fungicide can be reduced accordingly. For control of soil-borne diseases when using a Leaf Spot Advisory Program schedule, apply PROVOST 433 SC Fungicide in the first advisory spray in July and continue applications at 14-day intervals for at least three applications. Soil-borne disease control will be improved with four applications. PROVOST 433 SC Fungicide must be carried by rainfall or irrigation into the root and pod zone for control of root and pod rots. Use the higher specified use rate when conditions are favorable for severe disease pressure and/or when growing less disease resistant varieties.

**For resistance management:** No more than 4 foliar applications of fungicides containing sterol biosynthesis inhibitors (Group 3) are recommended per season for resistance management. Applications of fungicides with a different mode of action should be made prior to and following block applications of PROVOST 433 SC Fungicide to discourage development of resistant strains of fungi. Use in conjunction with cultural practices that are known to reduce the severity of soil-borne diseases, such as proper crop rotation practices.

**Restrictions:** A maximum of 42.8 fl oz per acre of PROVOST 433 SC Fungicide may be applied per season. If other products are used containing tebuconazole or prothioconazole, do not exceed a maximum of 0.8 lb tebuconazole/acre/season or 0.71 lb prothioconazole/acre/season. PROVOST 433 SC Fungicide may be applied up to 14 days before harvest. Do not feed hay or threshings or allow livestock to graze in treated areas. Provost 433 SC Fungicide may be applied by either ground, chemigation or aerial application equipment.

#### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking, invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer CropScience Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer CropScience Emergency Response Telephone No. is 1-800-334-7577.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed on site or at an approved waste disposal facility.

**Container Disposal:** Non-refillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Offer for recycling, if available. If not recycled, then puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### **IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

#### **NET CONTENTS:**

PROVOST is a registered trademark of Bayer.

PRODUCED FOR



Bayer CropScience LP P.O. Box 12014, 2 T.W. Alexander Drive Research Triangle Park, North Carolina 27709 1-866-99BAYER (1-866-992-2937)

PROVOST® 433 SC Fungicide Pending Approval (PENDING) 02/18/2015, 05/15/2015



Bayer CropScience LP P.O. Box 12014 2 T.W. Alexander Drive Research Triangle Park, North Carolina 27709 1-866-99BAYER (1-866-992-2937) PROVOST® 433 SC Fungicide

EPA Reg. No. 264-861

For Use On: Peanut

This supplemental label expires on 05/15/2018 and must not be used or distributed after this date.

# Supplemental Label

# KEEP OUT OF REACH OF CHILDREN CAUTION

# 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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Read this label and the product package label before using this product. This Supplemental Label must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the product label for PROVOST<sup>®</sup> 433 SC Fungicide attached to the container.

#### USE DIRECTIONS FOR SPECIFIC CROPS

#### Chemigation

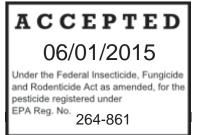
Apply PROVOST 433 SC Fungicide through irrigation equipment only to crops for which chemigation is specified on this label.

PROVOST 433 SC Fungicide alone or in combination with other pesticides, which are registered for application through irrigation systems, may be applied through irrigation systems. Apply this product only through center pivot, solid set, drip, linear, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system. Illegal pesticide residues in the crop can result from nonuniform 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 an 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. 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 should the need arise.

#### **Operating Instructions**

- 1. 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.
- 2. 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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- 4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5. 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.

**Provost** is a Registered trademark of Bayer. Created on 02/23/2015, 05/15/15



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#### **Center Pivot Irrigation Equipment**

Notes: (1) Use only with drive systems, which provide uniform water distribution. (2) Do not use end guns when chemigating PROVOST 433 SC Fungicide through center pivot systems because of non-uniform application.

Determine the size of the area to be treated. Determine the time required to apply 1/8-1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as recommended by the equipment manufacturer. When applying PROVOST 433 SC Fungicide through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity. Using water, determine the injection pump output when operated at normal line pressure. Determine the amount of PROVOST 433 SC Fungicide required to treat the area covered by the irrigation system. Add the required amount of PROVOST 433 SC Fungicide and sufficient water to meet the injection time requirements to the solution tank. Make sure the system is fully charged with water before starting injection of the PROVOST 433 SC Fungicide solution. Time the injection to last at least as long as it takes to bring the system to full pressure. Maintain constant solution tank agitation during the injection period. Continue to operate the system until the PROVOST 433 SC Fungicide solution has cleared the sprinkler head.

#### Solid Set and Moving Wheel Irrigation Equipment

When applying PROVOST 433 SC Fungicide through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Determine the amount of PROVOST 433 SC Fungicide required to treat the area covered by the irrigation system. Add the required amount of PROVOST 433 SC Fungicide into the same quantity of water used to calibrate the injection period. Operate the system at the same pressure and time interval established during the calibration. Stop injection equipment after treatment is completed. Continue to operate the system until the PROVOST 433 SC Fungicide solution has cleared the last sprinkler head.

#### Using Water from Public Water Systems

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone (RPZ), back flow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection. The pesticide injection pipeline must 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, 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.

CROP	DISEASE CONTROLLED	RATE OF PROVOST 433 SC FUNGICID
	Foliar diseases	
Peanut	Early Leaf Spot ( <i>Cercospora arachidicola</i> )	
	Late Leaf Spot ( <i>Cercosporidium personatum</i> )	
	Leaf Rust ( <i>Puccinia arachidis</i> )	
	Web Blotch ( <i>Phoma arachidicola</i> )	74.00
	Leaf Scorch and Pepper Spot ( <i>Leptosphaerulina crassiasca</i> )	7 to 8 fl oz per acre
	Soil-borne diseases	
	Sclerotium Rot, White Mold, Southern Blight, Southern Stem Rot ( <i>Sclerotium rolfsii</i> )	
	Rhizoctonia Limb Rot, Peg Rot, Pod Rot ( <i>Rhizoctonia solani</i> )	
	Cylindrocladium Black Rot ( <i>Cylindrocladium crotalariae</i> ) (Suppression Only)	10.7 fl oz per acre

#### Application Directions

**Disease Control Program:** For foliar diseases, apply the specified rate in a preventive spray schedule using a 14-day interval. For optimum control of the specified soil-borne diseases, it is recommended that four consecutive applications of PROVOST 433 SC Fungicide be made at 14-day intervals. In a typical 7 spray application program, PROVOST 433 SC Fungicide should be applied in a block (sprays 3, 4, 5 and 6). If fewer than 7 calendar-based applications are typically made, the number of consecutive block sprays with PROVOST 433 SC Fungicide can be reduced accordingly. For control of soil-borne diseases when using a Leaf Spot Advisory Program schedule, apply PROVOST 433 SC Fungicide in the first advisory spray in July and continue applications at 14-day intervals for at least three applications. Soil-borne disease control will be improved with four applications. PROVOST 433 SC Fungicide must be carried by rainfall or irrigation into the root and pod zone for control of root and pod rots. Use the higher specified use rate when conditions are favorable for severe disease pressure and/or when growing less disease resistant varieties.

**For resistance management:** No more than 4 foliar applications of fungicides containing sterol biosynthesis inhibitors (Group 3) are recommended per season for resistance management. Applications of fungicides with a different mode of action should be made prior to and following block applications of PROVOST 433 SC Fungicide to discourage development of resistant strains of fungi. Use in conjunction with cultural practices that are known to reduce the severity of soil-borne diseases, such as proper crop rotation practices.

**Restrictions:** A maximum of 42.8 fl oz per acre of PROVOST 433 SC Fungicide may be applied per season. If other products are used containing tebuconazole or prothioconazole, do not exceed a maximum of 0.8 lb tebuconazole/acre/season or 0.71 lb prothioconazole/acre/season. PROVOST 433 SC Fungicide may be applied up to 14 days before harvest. Do not feed hay or threshings or allow livestock to graze in treated areas. Provost 433 SC Fungicide may be applied by either ground, chemigation or aerial application equipment.

#### For <u>MEDICAL</u> And <u>TRANSPORTATION</u> Emergencies <u>ONLY</u> Call 24 Hours A Day 1-800-334-7577 For <u>PRODUCT USE</u> Information Call 1-866-99BAYER (1-866-992-2937)

As with any crop-protection product, always read and follow label directions. For additional information call toll-free 1-866-99BAYER (1-866-992-2937).

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