



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

83529-156

Date of Issuance:

2/17/22

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Sharda Prothioconazole 19% +
Tebuconazole 19% SC

Name and Address of Registrant (include ZIP Code):

Sharda USA LLC
c/o Wagner Regulatory Associates, Inc.
P.O. Box 640
Hockessin, DE 19707

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Nathan Mellor, Product Manager 21
Fungicide Branch, Registration Division (7505P)

Date:

2/17/22

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 83529-156.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 01/20/2021

If you have any questions, please contact Senedu Alemu via email at alemu.senedu@epa.gov

Enclosure

[MASTER LABEL]

PROTHIOCONAZOLE	GROUP	3	FUNGICIDES
TEBUCONAZOLE			

Sharda Prothioconazole 19% + Tebuconazole 19% SC

ABN: Taj
ABN: Ellora

For control of specified diseases on various crops.

ACTIVE INGREDIENTS:

Prothioconazole: 2-[2-(1-Chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1, 2-dihydro-3H-1, 2, 4-triazole-3-thione 19.0%

Tebuconazole: alpha-[2-(4-chlorophenyl) ethyl]-alpha-(1, 1-dimethylethyl)-1H-1, 2, 4-triazole-1-ethanol 19.0%

OTHER INGREDIENTS: 62.0%

TOTAL: 100.0%

Contains 1.76 lbs./gal. of prothioconazole and 1.76 lbs./gal. of tebuconazole.

WT. BY %

KEEP OUT OF REACH OF CHILDREN CAUTION

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

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor. DO NOT give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> 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 INHALED:	<ul style="list-style-type: none"> 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 treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> 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.
HOTLINE NUMBERS	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For medical emergencies, call your poison control center at 1-800-222-1222 . For general information, contact the National Pesticides Information Center (NPIC) at 1-800-858-7378 , Monday through Friday, 8 a.m. to 12 p.m. PST, or at http://npic.orst.edu/ .	
NOTE TO PHYSICIAN	
No specific antidote. Treat symptomatically.	

[Optional referral statements when booklets and container labels are used:]

[See label booklet for [complete] [additional] [First Aid,] [Precautionary Statements], [Directions For Use], and [Storage and Disposal].]

EPA Reg. No. 83529-XXX

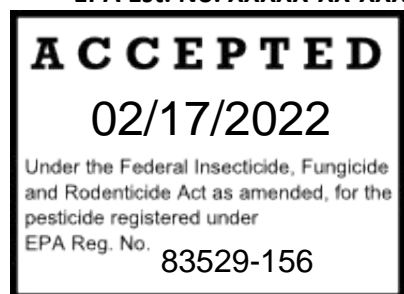
EPA Est. No. XXXXX-XX-XXX

Manufactured for:

Sharda USA LLC 

7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

Net Contents: _____ Gals. [L.]



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes, and (waterproof or chemical-resistant) gloves.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves including Barrier Laminate or Viton \geq 14 mils
- Shoes plus socks

USER SAFETY REQUIREMENTS

Discard clothing and 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 exists, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

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 must:

- 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 mammals, fish, aquatic invertebrates, and freshwater/estuaries/marine aquatic plants. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark. Runoff may be hazardous to aquatic organisms in neighboring areas. **DO NOT** contaminate water when disposing of equipment wash water or rinsate.

Groundwater Advisory

Prothioconazole-desthio (a degradate of prothioconazole) and tebuconazole are known to leach through soil into groundwater 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 groundwater contamination.

Surface Water Advisory

This product may contaminate water through drift of spray in wind. Drift and runoff are hazardous to aquatic organisms in water adjacent to treated areas. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables 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 including 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. 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, including plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves including Barrier Laminate or Viton \geq 14 mils
- Shoes plus socks

PRODUCT INFORMATION

Sharda Prothioconazole 19% + Tebuconazole 19% SC is a broad-spectrum systemic fungicide for use on barley, corn (field corn, field corn grown for seed, popcorn, and sweet corn), peanut, and wheat to control Ascomycetes, Basidiomycetes and Deuteromycetes diseases in. Under conditions conducive to extended infection periods or high disease pressure, another registered fungicide may be needed once this product's maximum application rates have been reached. Under these conditions use another fungicide registered for the crop/disease.

Rotational Restrictions

Treated areas may be replanted with dry beans, peanuts, and soybeans as well as any crop specified on this label as soon as practical after last application. For additional crops, **DO NOT** plant back within 120 days of last application.

OBSERVE THE FOLLOWING RESTRICTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS INCLUDING LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, AND ESTUARIES.

- Make application only during alternate years in fields adjacent to aquatic areas listed above.
- **DO NOT** make application by ground or air within 100 feet of aquatic areas listed above.
- **DO NOT** cultivate within 10 feet of an aquatic area to allow growth of a vegetative filter strip.
- **Spray Drift Management:** For aerial treatments, the spray boom must be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length must be used, and must not exceed 75% of the wingspan or rotor diameter.
- Use the largest droplet size consistent with pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure. Make application in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment.
- Spray must be released at the lowest possible height consistent with good pest control and flight safety. Treatments more than 10 feet above the crop canopy must be avoided.
- Make aerial or ground treatments when wind velocity favors on-target product deposition (approximately 3 to 10 mph). **DO NOT** make application when wind velocity exceeds 15 mph. Avoid treatments when wind gusts approach 15 mph.
- Risk of exposure to sensitive aquatic areas can be reduced by avoiding treatments when wind direction is toward the aquatic area.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.
- **DO NOT** make aerial or ground treatments during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

RESISTANCE MANAGEMENT

For resistance management, please note that **Sharda Prothioconazole 19% + Tebuconazole 19% SC** contains both prothioconazole and tebuconazole. Prothioconazole and tebuconazole are classified in the Group 3 fungicides. Any fungal population may contain individuals naturally resistant to **Sharda Prothioconazole 19% + Tebuconazole 19% SC** and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance management strategies must be followed.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** or other Group 3 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance management and/or IPM directions for specific crops and pathogens.
- For further information or to report suspected resistance contact, Sharda USA LLC. You can also contact your pesticide distributor or university extension specialist to report resistance.

MANDATORY SPRAY DRIFT MANAGEMENT**Aerial Applications:**

- **DO NOT** release spray at a height greater than 10 ft. above the ground or vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to use nozzles and pressure that deliver a medium or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 15 mph at the application site. If the windspeed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters
- If the windspeed is 10 miles per hour or less, applicators must use ½ swath displacement upwind at the downwind edge of the field. When the windspeed is between 11-15 miles per hour, applicators must use ¾ swath displacement upwind at the downwind edge of the field.
- **DO NOT** apply during temperature inversions.

Airblast Applications:

- Sprays must be directed into the canopy.
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- User must turn off outward pointing nozzles at row ends and when spraying outer row.
- **DO NOT** apply during temperature inversions.

Ground Boom Applications:

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use nozzles and pressure that deliver a medium or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- **Volume** - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

- **Adjust Nozzles** - Follow nozzle manufacturers' recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT – Aircraft

Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Boomless Ground Applications:

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications:

Take precautions to minimize spray drift.

APPLICATION DIRECTIONS**Spray Equipment/Volumes**

Sharda Prothioconazole 19% + Tebuconazole 19% SC may be applied through ground, aerial and/or chemigation application equipment. Equipment must be properly calibrated prior to use.

For ground treatment, make application in a minimum of 10 gallons of spray solution per acre. For aerial treatment, make application in a minimum of 2 gallons of spray solution per acre unless stated differently in the **USE DIRECTIONS FOR SPECIFIC CROPS** section. Check equipment calibration frequently. Complete coverage and uniform treatment 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 prior to 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. **DO NOT** tank mix with products containing a prohibition against tank mixing. Follow the most restrictive labeling requirements of any tank mix product.

Sharda Prothioconazole 19% + Tebuconazole 19% SC Alone: Add 1/3 of the required amount of water to the mix tank. With the agitator running, add the **Sharda Prothioconazole 19% + Tebuconazole 19% SC** to the tank. Continue agitation while adding the remainder of the water. Begin treatment 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.

Sharda Prothioconazole 19% + Tebuconazole 19% SC + Tank-Mix Partners: Add half of the required amount of water to the mix tank. Start the agitator running prior to adding any of the tank-mix partners. Tank-mix partners must be added in this order: products packaged in water-soluble packaging*, wettable powders, wettable granules (dry flowables), liquid flowables, liquids, and emulsifiable concentrates. Always allow each tank-mix partner to become fully and uniformly dispersed prior to 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 **Sharda Prothioconazole 19% + Tebuconazole 19% SC** in tank mixtures, all products in water-soluble packaging must be added to the tank prior to any other tank-mix partner, including **Sharda Prothioconazole 19% + Tebuconazole 19% SC**. Allow the water-soluble packaging to completely disperse prior to adding any other tank-mix partner to the tank.

If using **Sharda Prothioconazole 19% + Tebuconazole 19% SC** in a tank mixture, observe all directions for use, crop/sites, use rates, dilution ratios, precautions, and limitations; which appear on the tank-mix product label. No label dosage rate must 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.

Sharda Prothioconazole 19% + Tebuconazole 19% SC is compatible with most insecticide, fungicide, herbicide, and foliar nutrient products. However, the physical compatibility of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** with tank-mix partners must be tested prior to use. To determine the physical compatibility of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** 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 emulsifiable 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 information, contact your local Sharda USA LLC representative.

The crop safety of all potential tank mixes including additives and other pesticides on all crops has not been tested. Prior to make an application of any tank mixture not specified on this label, the safety to the target crop must be confirmed. To test for crop safety, apply **Sharda Prothioconazole 19% + Tebuconazole 19% SC** to the target crop in a small area and in accordance with label instructions for the target crop.

Aerial Application: Avoid treatment under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur. Aerial application is prohibited in New York State.

Chemigation Application: Make application **Sharda Prothioconazole 19% + Tebuconazole 19% SC** through irrigation equipment only to crops for which chemigation is specified on this label.

Sharda Prothioconazole 19% + Tebuconazole 19% SC alone or in combination with other pesticides, which are registered for application through irrigation systems, may be applied through irrigation systems. Make application of this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. **DO NOT** make application of 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 must contact State Extension Service specialists, equipment manufacturers, or other experts. **DO NOT** connect an irrigation system (including greenhouse systems) used for pesticide treatment 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 if 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.
6. Systems must use a metering pump, including 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 chemigation **Sharda Prothioconazole 19% + Tebuconazole 19% SC** through center pivot systems because of non-uniform application.

Determine the size of the area to be treated. Determine the time required to make an application of 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 advised by the equipment manufacturer. When making an application of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** 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 **Sharda Prothioconazole 19% + Tebuconazole 19% SC** required to treat the area covered by the irrigation system. Add the required amount of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** and sufficient water to meet the injection time requirements to the solution tank. Make sure the system is fully charged with water prior to starting injection of the **Sharda Prothioconazole 19% + Tebuconazole 19% SC** 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 **Sharda Prothioconazole 19% + Tebuconazole 19% SC** Fungicide solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

When making an application of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Determine the amount of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** required to treat the area covered by the irrigation system. Add the required amount of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** 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 **Sharda Prothioconazole 19% + Tebuconazole 19% SC** solution has cleared the last sprinkler head.

Adjuvants: **Sharda Prothioconazole 19% + Tebuconazole 19% SC** is advised to be used with a registered non-ionic surfactant at the lowest specified labeled rate for most uses. Refer to the **USE DIRECTIONS FOR SPECIFIC CROPS** for adjuvant specifications on corn.

USE DIRECTIONS FOR SPECIFIC CROPS

Sharda Prothioconazole 19% + Tebuconazole 19% SC provides control or suppression of many important diseases of barley, corn (field corn, field corn grown for seed, popcorn, and sweet corn), peanut, and wheat. 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.

BARLEY

Disease Controlled	Rate of Sharda Prothioconazole 19% + Tebuconazole 19% SC per Acre
Fusarium Head Blight (<i>Fusarium</i> spp.)(Suppression)	6.5 - 8.2 fl. oz. (0.09 – 0.11 lb. a.i. prothioconazole or 0.09 – 0.11 lb. a.i. tebuconazole)
Leaf and Stem Diseases	
Net Blotch (<i>Pyrenophora teres</i>)	
Powdery Mildew (<i>Blumeria graminis</i> f. sp. <i>hordei</i>)	

Scald (<i>Rhynchosporium secalis</i>) Spot Blotch (<i>Bipolaris sorokiniana</i>) Rusts (<i>Puccinia</i> spp.)	
Application Directions Straw cut after harvest may be fed or used for bedding.	
Spray Equipment/Volumes Make an application of Sharda Prothioconazole 19% + Tebuconazole 19% SC through either ground, aerial or chemigation application equipment. For ground treatments, make an application of a minimum of 10 gpa spray solution. For aerial treatments, make an application of a minimum of 2 gpa spray solution. When applied through chemigation, large carrier volumes may result in reduced activity against Fusarium head blight.	
Disease Control Fusarium Head Blight (Suppression Only): The optimal time to make application of Sharda Prothioconazole 19% + Tebuconazole 19% SC is as a preventative foliar spray when barley heads on the main stem are fully emerged (~ Feekes Growth Stage 10.5). Spray equipment must be set to provide good coverage of barley heads. For thorough coverage of the barley head using ground application equipment, use forward, forward, and backward mounted nozzles, or nozzles that have a two-directional spray. Nozzles must be operated within the spray pressure directions suggested by the manufacturer. For aerial applications, apply a minimum of 5 gpa spray solution.	
Leaf and Stem Diseases: Make application of Sharda Prothioconazole 19% + Tebuconazole 19% SC as a preventive foliar spray when the earliest disease symptoms appear on the leaves and stems. Barley fields must be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.	
For optimum disease control, the lowest specified rate of a spray surfactant must be tank-mixed with Sharda Prothioconazole 19% + Tebuconazole 19% SC .	
Restrictions	
<ul style="list-style-type: none"> • DO NOT make application of more than 8.2 fl. oz. (0.11 lb. a.i. prothioconazole or 0.11 lb. a.i. tebuconazole) of Sharda Prothioconazole 19% + Tebuconazole 19% SC per acre per year. • DO NOT make application of more than 8.2 fl. oz. (0.11 lb. a.i. prothioconazole or 0.11 lb. a.i. tebuconazole) of Sharda Prothioconazole 19% + Tebuconazole 19% SC per acre in a single application. • DO NOT make application within 30 days of harvest. • DO NOT make more than 1 application per year. • Grazing livestock or feeding of green forage is only permitted 6 or more days after the last application of Sharda Prothioconazole 19% + Tebuconazole 19% SC. 	

CORN*1**(Field Corn, Field Corn Grown For Seed, Popcorn, and Sweet Corn)**

Disease	Rate of Sharda Prothioconazole 19% + Tebuconazole 19% SC per Acre
Anthrachnose (<i>Colletotrichum graminicola</i>)	6.5 fl. oz.
Eye Spot (<i>Aureobasidium zeae</i>)	(0.09 lb. a.i. prothioconazole or 0.09 lb. a.i. tebuconazole)
Gray Leaf Spot (<i>Cercospora zeae-maydis</i>)	
Northern Corn Leaf Blight (<i>Setosphaeria turcica</i>)**	
Northern Corn Leaf Spot (<i>Cochliobolus carbonum</i>)**	
Rust (<i>Puccinia</i> spp.)	
Southern Corn Leaf Blight (<i>Cochliobolus heterostrophus</i>)**	
Application Directions	
Spray Equipment/Volumes Make an application of Sharda Prothioconazole 19% + Tebuconazole 19% SC through either ground, aerial or chemigation application equipment. For ground treatments, make an application of a minimum of 10 gpa spray solution. For aerial treatments, make application of a minimum of 2 gpa spray solution.	
Adjuvants Under some conditions, the lowest specified labeled rate of a spray adjuvant may be tank-mixed with Sharda Prothioconazole 19% + Tebuconazole 19% SC to improve performance.	
Disease Control Make an application of Sharda Prothioconazole 19% + Tebuconazole 19% SC when disease first appears. In sweet corn, continue treatments on a 5- to 14-day interval if favorable conditions for disease development persist. In all other corn, continue treatments on a 7- to 14-day interval if favorable conditions for disease development persist. Applying Sharda Prothioconazole 19% + Tebuconazole 19% SC is not advised at times when corn is under severe environmental stress conditions.	
Restrictions	
<ul style="list-style-type: none"> • DO NOT make application of more than 26 fl. oz. (0.36 lb. a.i. prothioconazole or 0.36 lb. a.i. tebuconazole) of Sharda Prothioconazole 19% + Tebuconazole 19% SC per acre per year. 	

- **DO NOT** make application of more than 6.5 fl. oz. (0.09 lb. a.i. prothioconazole or 0.09 lb. a.i. tebuconazole) of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** per acre in a single application.
- **DO NOT** make more than 4 applications per year.
- For field corn, field corn grown for seed and popcorn, **DO NOT** make an application within 21 days prior to the harvest of forage and 36 days prior to the harvest of grain or fodder.
- For sweet corn, **DO NOT** make application within 7 days prior to harvest of ears or forage and 49 days prior to the harvest of fodder.
- **DO NOT** use adjuvants if **Sharda Prothioconazole 19% + Tebuconazole 19% SC** is applied between corn growth stages V8 (8-leaf collar) and VT (lowest branch of the tassel is visible but silks have not emerged).
- **DO NOT** apply more frequently than the retreatment interval of 7 days (see application directions above).

*Not for use on corn in New York.

**The above diseases are also known as Helminthosporium leaf blights.

¹Not for use in California.

PEANUT¹

Disease	Rate of Sharda Prothioconazole 19% + Tebuconazole 19% SC per Acre
Foliar Diseases 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>) Leaf Scorch and Pepper Spot (<i>Leptosphaerulina crassiasca</i>)	10 - 13 fl. oz. (0.14 – 0.18 lb. a.i. prothioconazole or 0.14 – 0.18 lb. a.i. tebuconazole)
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)	13 fl. oz. (0.18 lb. a.i. prothioconazole or 0.18 lb. a.i. tebuconazole)

Application Directions

Make an application of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** through either ground, chemigation, or aerial application equipment.

Disease Control Program

For foliar diseases, make application at the specified rate in a preventive spray schedule using a 14-day interval. For optimum control of the specified soil-borne diseases, it is advised that 4 consecutive treatments of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** be made at 14-day intervals. In a typical 7 spray treatment program, **Sharda Prothioconazole 19% + Tebuconazole 19% SC** must 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 **Sharda Prothioconazole 19% + Tebuconazole 19% SC** can be reduced accordingly. For control of soil-borne diseases when using a Leaf Spot Advisory Program schedule, make application of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** in the first advisory spray in July and continue treatments at 14-day intervals for at least 3 applications. Soil-borne disease control will be improved with 4 applications. **Sharda Prothioconazole 19% + Tebuconazole 19% SC** 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 treatments of fungicides containing sterol biosynthesis inhibitors (Group 3) are advised per season for resistance management. Treatments of fungicides with a different mode of action must be made before and following block applications of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** 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, including proper crop rotation practices.

Restrictions

- **DO NOT** make application of more than 52 fl. oz. (0.71 lb. a.i. prothioconazole or 0.71 lb. a.i. tebuconazole) of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** per acre per year.
- **DO NOT** make application of more than 13.0 fl. oz. (0.18 lb. a.i. prothioconazole or 0.18 lb. a.i. tebuconazole) of **Sharda Prothioconazole 19% + Tebuconazole 19% SC** per acre in a single application.
- **DO NOT** make more than 4 applications per year.
- **DO NOT** exceed a maximum of 0.8 lb. tebuconazole per acre per year or 0.71 lb. prothioconazole per acre year.
- **DO NOT** make application within 14 days of harvest.
- **DO NOT** feed hay or threshings or allow livestock to graze in treated areas.
- **DO NOT** apply more frequently than the retreatment interval of 7 days (see application directions above).

¹Not for use in California.

WHEAT**(Spring, Durum, and Winter)**

DISEASE CONTROLLED	Rate of Sharda Prothioconazole 19% + Tebuconazole 19% SC per Acre
Fusarium Head Blight (<i>Fusarium</i> spp.) Leaf and Stem Diseases Powdery Mildew (<i>Blumeria graminis</i> f. sp. <i>tritici</i>) Rusts (<i>Puccinia</i> spp.) Septoria Leaf and Glume Blotch (<i>Septoria tritici</i>) Stagonospora Blotch (<i>Stagonospora nodorum</i>) Tan Spot (<i>Pyrenophora tritici-repentis</i>)	6.5 - 8.2 fl. oz. (0.09 – 0.11 lb. a.i. prothioconazole or 0.09 – 0.11 lb. a.i. tebuconazole)
<p>Application Directions Straw may be fed or used for bedding.</p> <p>Spray Equipment/Volumes Make an application of Sharda Prothioconazole 19% + Tebuconazole 19% SC through either ground, aerial or chemigation application equipment. For ground treatments, make application of a minimum of 10 gpa spray solution. For aerial treatments, make application of a minimum of 2 gpa spray solution. When applied through chemigation, large carrier volumes may result in reduced activity against Fusarium head blight.</p> <p>Disease Control Fusarium Head Blight: The optimal time to make an application of Sharda Prothioconazole 19% + Tebuconazole 19% SC is as a preventative foliar spray at early flower (Feekes Growth Stage 10.51). Spray equipment must be set to provide good coverage to wheat heads. For thorough coverage of the wheat head using ground application equipment, use forward, forward, and backward mounted nozzles, or nozzles that have a two-directional spray. Operate nozzles within the spray pressure directions suggested by the manufacturer. For aerial treatments, make an application of a minimum of 5 gpa spray solution.</p> <p>Leaf and Stem Diseases: Make application of Sharda Prothioconazole 19% + Tebuconazole 19% SC as a preventive foliar spray when the earliest disease symptoms appear on the leaves and stems. Wheat fields must be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.</p> <p>For optimum disease control, the lowest specified rate of a spray surfactant must be tank-mixed with Sharda Prothioconazole 19% + Tebuconazole 19% SC.</p> <p>Restrictions</p> <ul style="list-style-type: none"> • DO NOT make application of more than 8.2 fl. oz. (0.11 lb. a.i. prothioconazole or 0.11 lb. a.i. tebuconazole) of Sharda Prothioconazole 19% + Tebuconazole 19% SC per acre per year. • DO NOT make application of more than 8.2 fl. oz. (0.11 lb. a.i. prothioconazole or 0.11 lb. a.i. tebuconazole) of Sharda Prothioconazole 19% + Tebuconazole 19% SC per acre in a single application. • DO NOT make application within 30 days of harvest. • DO NOT make more than 1 application per year. • DO NOT allow livestock to graze or feed green forage to livestock before 6 days after application with Sharda Prothioconazole 19% + Tebuconazole 19% SC. 	

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.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used 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 HANDLING:

[Less Than or Equal to 5 Gallons] [Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling if available. Triple 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. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.]

[Greater Than 5 Gallons] [Refillable container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system Repeat this rinsing procedure two more times.

[Greater Than 5 Gallons] [Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration.]

[For Bulk and Mini-Bulk Containers] [Refillable container. Refill this container with pesticide only. **DO NOT** use this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.]

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Sharda USA LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Sharda USA LLC and Seller harmless for any claims relating to such factors.

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