



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

101986-2

Date of Issuance:

10/16/24

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

LS Prothio-Trifloxy 125-375

Name and Address of Registrant (include ZIP Code):

Life Scientific, Inc.  
c/o Pyxis Regulatory Consulting Inc.  
4110 136th St. Ct. NW  
Gig Harbor, WA 98332

**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 (FIFRA).

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.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. You have 18 months from the date of registration to provide these data.

*Continues page 2*

Signature of Approving Official:

Kristy Crews, Ph.D., Product Manager 22  
Fungicide Branch, Registration Division (7505T)

Date:

10/16/24

EPA Form 8570-6

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 101986-2."
4. Submit one copy of the 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 FIFRA 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) lists 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.

The record for this product currently contains the following CSF:

- Basic CSF dated 06/28/2022

If you have any questions, please contact Yasmin Bowers at 202-566-2507 or [Bowers.Yasmin@epa.gov](mailto:Bowers.Yasmin@epa.gov).

Enclosure- Stamped Label

{Note to reviewer: [Text] in brackets denotes optional text.}

{Note to reviewer: {Text} in braces denotes where in the final label text will appear.}

**{BOOKLET FRONT PANEL}**

PROTHIOCONAZOLE	GROUP	3	FUNGICIDE
TRIFLOXYSTROBIN	GROUP	11	FUNGICIDE

# LS PROTHIO-TRIFLOXY 125-375

For control of certain diseases and plant health in barley, chickpea, cotton, corn, dry peas, lentils, soybean, and wheat.

**ACTIVE INGREDIENTS:**

	% BY WT.
Prothioconazole, 2-[2-(1-Chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione.....	10.87%
Trifloxystrobin, (E,E)-alpha-(methoxyimino)-2-[[[1-[3-(trifluoromethyl)phenyl] ethylidene] amino]oxy]methyl]-, methylester .....	32.61%

**OTHER INGREDIENTS:** ..... 56.52%

**TOTAL:** ..... 100.00%

Contains 1.04 pounds of Prothioconazole per gallon plus 3.13 pounds of Trifloxystrobin per gallon.

EPA Reg. No. 101986-[E]

EPA Est. No. [ ]

## KEEP OUT OF REACH OF CHILDREN CAUTION

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-222-1222

[Please refer to] [See] [back panel] [inside] [label] [booklet] [for] [First Aid][,] [additional] [Precautionary Statements][,] [and] [Directions for Use] [including Storage and Disposal] [instructions][,]

{Note to reviewer: Location of additional precautionary statements and directions for use will vary between those listed, depending on container type/size.}

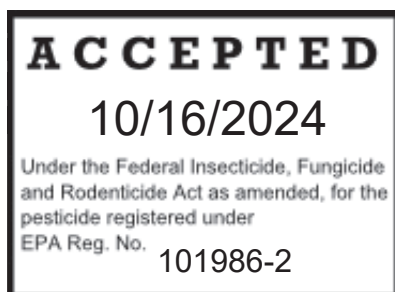
FIRST AID	
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Do not give any liquid to the person.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth- to-mouth, if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>

**MEDICAL Emergencies Call 24 Hours A Day 1-800-222-1222.**

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.

**[Manufactured][Produced] For:**  
**Life Scientific Inc.**  
**300 Creek View Road**  
**Suite 209**  
**Newark, DE 19711**



**Net Contents:** \_\_\_\_\_  
**[Lot No.:** \_\_\_\_\_**]**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

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

**Personal Protective Equipment (PPE)**

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- 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.
- 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 pesticide is toxic to fish and aquatic invertebrates, and freshwater/estuaries/marine aquatic plants. Applying this product when rain is not predicted for the next 24 hours will help reduce potential risk to aquatic invertebrates by reducing pesticide runoff from the treatment area into water bodies. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. 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.

**Groundwater Advisory:** Degradates of prothioconazole are known to leach through soil into groundwater under certain conditions as a result of label use. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

**Surface Water Advisory:** This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. 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 loading of prothioconazole and degradates from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected 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 workers to enter during the restricted-entry interval (REI) of 12 hours. Some crops have longer crop-specific REIs. Crop-specific REIs are listed in the Directions for Use section associated with the crop.

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
- Shoes plus socks

**PRODUCT INFORMATION**

LS PROTHIO-TRIFLOXY 125-375 is a broad-spectrum fungicide for improved plant health and control of certain diseases in barley, chickpea, corn, cotton, dry peas, lentils, soybean, and wheat. LS PROTHIO-TRIFLOXY 125-375 contains two fungicide active ingredients and works by interfering with respiration in plant pathogenic fungi, inhibition of spore germination, and by blocking fungal growth.

Under certain conditions conducive to extended infection periods, additional fungicide applications beyond the number allowed by this label may be needed. Under these conditions use another fungicide registered for the crop/disease appearing on this label. Equipment must be properly calibrated before use.

**RESTRICTIONS:**

- Do not apply this product with mechanically pressurized handgun equipment to field crops (sweet corn, garbanzo (chickpea), and lentils).
- Do not apply by aerial application in New York State.

**RESISTANCE-MANAGEMENT RECOMMENDATIONS**

For resistance management, LS PROTHIO-TRIFLOXY 125-375 contains a Group 3 (prothioconazole) and Group 11 (trifloxystrobin) fungicide. Any fungal population may contain individuals naturally resistant to LS PROTHIO-TRIFLOXY 125-375 and other Group 3 and/or Group 11 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 should be followed.

To delay fungicide resistance, take the following steps:

- Rotate the use of LS PROTHIO-TRIFLOXY 125-375 or other Group 3 and/or Group 11 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 recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Life Scientific Ltd. You can also contact your pesticide distributor or university extension specialist to report resistance.

**Application/Spray Equipment**

LS PROTHIO-TRIFLOXY 125-375 may be applied by either, ground, aerial and/or chemigation equipment. Refer to the CROP SPECIFIC USE INSTRUCTIONS section of this label for approved applications for each crop.

Thorough coverage is necessary to provide good disease control. Applications using sufficient water volume to provide thorough and uniform coverage generally provide the most effective disease control. For ground application equipment, a minimum of 10 gal/A is recommended. For aerial application equipment, a minimum of 2 gal/A is recommended unless stated elsewhere on this label.

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### **Aerial Application to Corn and Soybeans:**

Aerial applications of LS PROTHIO-TRIFLOXY 125-375 to corn and soybeans may be applied using water volumes of 2 or more gallons of spray solution per acre (gpa). An adjuvant may be used to improve spray coverage. Refer to the adjuvant product label for specific directions. One application per year on field corn may be made with a spray volume of less than 2 gpa but greater than 1 gpa.

Equip and properly calibrate sprayers with appropriate nozzles, pumping pressure, and sprayer height to provide medium spray droplets that will penetrate throughout the crop canopy. Continually monitor spray applications to maintain correct droplet size and crop canopy penetration.

### **Broadcast Ground Sprayers:**

Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate sprayer before use and replace worn or damaged nozzles.

Use a pump with the capacity to: (1) maintain a minimum of 35 psi at nozzles, and (2) provide sufficient agitation in the tank to keep the mixture in suspension – this requires recirculation of 10% of the tank volume per minute. Use a jet agitator or liquid sparge tube for agitation.

Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on the suction side of the pump should be 16- mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at nozzles. Check nozzle manufacturer's recommendations.

For information on spray equipment and calibration, consult sprayer manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural experiment station recommendations.

### **Application Through Irrigation Systems (Chemigation):**

Apply LS PROTHIO-TRIFLOXY 125-375 through irrigation equipment only to crops for which chemigation is specified on this label.

LS PROTHIO-TRIFLOXY 125-375 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, hand move, 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 non- uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. Do not connect 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.
6. 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.

### Center Pivot Irrigation Equipment

Notes: (1) Use only with drive systems, which provide uniform water distribution. (2) Do not use end guns when chemigating LS PROTHIO-TRIFLOXY 125-375 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 LS PROTHIO-TRIFLOXY 125-375 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 LS PROTHIO-TRIFLOXY 125-375 required to treat the area covered by the irrigation system. Add the required amount of LS PROTHIO-TRIFLOXY 125-375 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 LS PROTHIO-TRIFLOXY 125-375 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



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injection period. Continue to operate the system until the LS PROTHIO-TRIFLOXY 125-375 solution has cleared the sprinkler head.

### Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

When applying LS PROTHIO-TRIFLOXY 125-375 through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Determine the amount of LS PROTHIO-TRIFLOXY 125-375 required to treat the area covered by the irrigation system. Add the required amount of LS PROTHIO-TRIFLOXY 125-375 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 LS PROTHIO-TRIFLOXY 125-375 solution has cleared the last sprinkler head.

### **SPRAY DRIFT**

#### Aerial Applications:

- For aerial applications, do not apply when wind speeds exceed 15 mph at the application site. If the wind speed 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.
- 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 must use ½ swath displacement upwind at the downwind edge of the field.
- Do not apply during temperature inversions.

#### Ground Boom Applications:

- Apply with the nozzle height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use 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

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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.

### **Handheld Technology Applications:**

- Take precautions to minimize spray drift.

### **Mixing Procedures**

Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean spray equipment before using this product. Vigorous agitation is necessary for proper dispersal of the product. Maintain maximum agitation throughout the spraying 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 a previously treated area.

LS PROTHIO-TRIFLOXY 125-375 Alone: Add 1/2 of the required amount of water to the spray tank and start the agitator. Add the proper amount of LS PROTHIO-TRIFLOXY 125-375 and then add the rest of the water. Begin application of the solution when the LS PROTHIO-TRIFLOXY 125-375 has completely dispersed in the mix water. Maintain agitation until all of the mixture has been applied.

LS PROTHIO-TRIFLOXY 125-375 + Tank Mixtures: Add 1/2 of the required amount of water to the spray tank and start the agitator. In general, add tank mix partners in this order: products packaged in water-soluble packaging, wettable powders, and water-dispersible granular products first, next LS PROTHIO-TRIFLOXY 125-375, followed by any other liquid flowables, then emulsifiable concentrates, and last, liquid soluble products. Always allow each tank mix partner to become fully dispersed before adding the next product. Continue to provide agitation while adding the remainder of the water. Maintain agitation until all of the mixture has been applied.

Note: When using LS PROTHIO-TRIFLOXY 125-375 in tank mixtures, all products in water-soluble packaging must be added to the tank before any other tank mix partner, including LS PROTHIO-TRIFLOXY 125-375. Allow the water-soluble packaging to completely dissolve and the product(s) to completely disperse before adding any other tank mix partner to the tank.

If using LS PROTHIO-TRIFLOXY 125-375 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. Do not exceed the label's dosage rate. The most restrictive label precautions and limitations must be followed. This product must not be mixed with any product which 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 labeled.

LS PROTHIO-TRIFLOXY 125-375 is compatible with most insecticide, fungicide, and foliar nutrient products. However, the physical compatibility of LS PROTHIO-TRIFLOXY 125-375 with tank mix partners must be tested before use. To determine the physical compatibility of LS PROTHIO-TRIFLOXY 125-375 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, next liquid flowables, then emulsifiable concentrates, and last, liquid soluble products such as LS PROTHIO-TRIFLOXY 125-375. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is probably physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

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 MUST BE CONFIRMED.

### **Rotational Restrictions**

Treated areas may be replanted immediately following harvest or as soon as practical following the last application with any crop listed on this label and with barley, peanuts, sugar beets, and wheat. For all other crops, do not plant back within 30 days of last application.



## CROP SPECIFIC USE INSTRUCTIONS

BARLEY	
Disease Controlled	Rate
Glume Blotch ( <i>Stagonospora nodorum</i> ) Leaf Blotch ( <i>Stagonospora avenae</i> ) Net Blotch ( <i>Pyrenophora teres</i> ) Powdery Mildew ( <i>Blumeria graminis</i> ) Rusts ( <i>Puccinia</i> spp.) Scald ( <i>Rhynchosporium secalis</i> ) Spot Blotch ( <i>Cochliobolus sativus</i> )	2.3 fl oz/acre (0.019 lb prothioconazole/A) (0.056 lb trifloxystrobin/A)
<b>Application Instructions:</b> Begin applications preventively when conditions are favorable for disease development. A second application (minimum interval of 14 days) may be made if needed. LS PROTHIO-TRIFLOXY 125-375 may be applied by ground, air, or chemigation.	
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>• Pre-Harvest Interval (PHI): 40 days</li> <li>• Minimum Retreatment Interval (RTI): 14 days</li> <li>• Do not apply more than 2.3 fl oz (0.019 lb prothioconazole, 0.056 lb trifloxystrobin) in a single application.</li> <li>• Do not apply more than 2 applications of LS PROTHIO-TRIFLOXY 125-375 per year (4.6 fl oz) (0.037 lb prothioconazole, 0.112 lb trifloxystrobin).</li> <li>• Do not apply after Feekes growth stage 8 (the ligule of the flag leaf emerges).</li> <li>• Grazing Restrictions: (a). If 1 application or a total of 2.3 fl oz of LS PROTHIO-TRIFLOXY 125-375 per year are applied, do not allow livestock to graze within the treated area within 30 days after application, and do not harvest the treated crop for forage within 30 days after application or for hay within 45 days after application. (b). If 2 applications or a total of 4.6 fl oz of LS PROTHIO-TRIFLOXY 125-375 per year are applied, do not allow livestock to graze within the treated area and do not harvest the treated crop for forage or hay.</li> </ul>	

CHICKPEA	
Disease Controlled	Rate
Anthrachnose ( <i>Colletotrichum truncatum</i> ) Ascochyta blight ( <i>Ascochyta rabiei</i> ) Grey Mold ( <i>Botrytis cinerea</i> )	4.0 – 4.8 fl oz/acre (0.033 - 0.039 lb prothioconazole/A) (0.098 - 0.117 lb trifloxystrobin/A)
<b>Application Instructions:</b> Begin fungicide applications preventatively and continue as needed on a 10- to 14-day interval. Use the shorter intervals when conditions are favorable for severe disease pressure. The application may be made by ground, chemigation, or aerial spray equipment.	
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>• Pre-Harvest Interval (PHI): 30 days</li> <li>• Minimum Retreatment Interval (RTI): 10 days</li> <li>• Do not apply more than 4.8 fl oz (0.039 lb prothioconazole, 0.117 lb trifloxystrobin) in a single application.</li> <li>• Do not make more than 2 applications of LS PROTHIO-TRIFLOXY 125-375 per year (9.6 fl oz) (0.078 lb prothioconazole, 0.235 lb trifloxystrobin).</li> <li>• Do not exceed 0.28 lb prothioconazole per acre per year, or 0.24 lb trifloxystrobin per acre per year.</li> <li>• If growing for animal feed, do not apply within 7 days of cutting or swathing of the crop for forage.</li> <li>• To limit the potential for development of disease resistance to this fungicide, do not make more than 2 sequential applications of LS PROTHIO-TRIFLOXY 125-375 or any Group 11 or Group 3 containing fungicide before rotating with a fungicide from a different Group.</li> <li>• Do not apply this product with mechanically pressurized handgun equipment.</li> </ul>	

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CORN, SWEET (Including Seed Production)	
Disease Controlled	Rate
Anthracnose Leaf Blight ( <i>Colletotrichum graminicola</i> ) Eye Spot ( <i>Aureobasidium zeae</i> ) Gray Leaf Spot ( <i>Cercospora zeae-maydis</i> )* Northern Corn Leaf Blight ( <i>Setosphaeria turcica</i> )* Northern Corn Leaf Spot ( <i>Cochliobolus carbonum</i> )* Rusts ( <i>Puccinia</i> spp.) Southern Corn Leaf Blight ( <i>Cochliobolus heterostrophus</i> )*	4.0 - 5.0 fl oz/acre (0.033 - 0.041 lb prothioconazole/A) (0.098 - 0.122 lb trifloxystrobin/A)
*The above diseases are also known as Helminthosporium leaf blights.	
<b>Application Instructions:</b> Apply LS PROTHIO-TRIFLOXY 125-375 when disease first appears and continue on a 5- to 14-day interval if favorable conditions for disease development persist. Use of an adjuvant may enhance the performance of LS PROTHIO-TRIFLOXY 125-375. If utilized, apply the lowest label recommended rate of a NIS (nonionic surfactant) adjuvant to enhance disease control. LS PROTHIO-TRIFLOXY 125-375 may be applied by ground, air, or chemigation.	
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>• Minimum Retreatment Interval (RTI): 5 days</li> <li>• Do not apply more than 5.0 fl oz (0.041 lb prothioconazole, 0.122 lb trifloxystrobin) in a single application.</li> <li>• Do not make more than 4 applications of LS PROTHIO-TRIFLOXY 125-375 per year (20.0 fl oz) (0.163 lb prothioconazole, 0.489 lb trifloxystrobin).</li> <li>• Pre-Harvest Interval (PHI):               <ul style="list-style-type: none"> <li>○ Sweet corn forage and ears may be harvested 0 days after the last application.</li> <li>○ Sweet corn fodder may be harvested 14 days after the last application.</li> </ul> </li> <li>• In programs with LS PROTHIO-TRIFLOXY 125-375, with Group 11 tank mixes, or other pre-mixes containing a Group 11 fungicide, the number of Group 11 fungicides should be no more than ½ the total number of fungicide applications per year. Alternate every application of LS PROTHIO-TRIFLOXY 125-375 with at least one application of a non-Group 11 fungicide.</li> <li>• Do not apply this product with mechanically pressurized handgun equipment.</li> </ul>	

## {INSIDE BOOKLET}

<b>CORN (Field Corn, Field Corn Grown for Seed and Popcorn)</b>	
Diseases Controlled	Rate
Anthracnose Leaf Blight ( <i>Colletotrichum graminicola</i> ) Eyespot ( <i>Aureobasidium zeae</i> ) Gray Leaf Spot ( <i>Cercospora zeae-maydis</i> )	2.0 - 5.0 fl oz/acre (0.016 - 0.041 lb prothioconazole/A) (0.049 - 0.122 lb trifloxystrobin/A)
<b>Application Instructions:</b> For Early Season control of anthracnose, eyespot and gray leaf spot, apply LS PROTHIO-TRIFLOXY 125-375 as a broadcast foliar spray at V4 (4 leaf collar) to V7 (7 leaf collar) growth stages when conditions are favorable for disease development. For season-long control of these diseases and the diseases listed below, apply a sequential treatment of LS PROTHIO-TRIFLOXY 125-375 at 4.0-5.0 fl oz/acre from VT (lowest branch on the tassel is visible but the silks have not yet emerged) through R2 (blister) growth stages. Use of an adjuvant may enhance the performance of LS PROTHIO-TRIFLOXY 125-375. LS PROTHIO-TRIFLOXY 125-375 may be applied by ground, air, or chemigation.	
Anthracnose Leaf Blight ( <i>Colletotrichum graminicola</i> ) Eyespot ( <i>Aureobasidium zeae</i> ) Diplodia Ear Rot ( <i>Diplodia maydis</i> ) Gray Leaf Spot ( <i>Cercospora zeae-maydis</i> ) Northern Corn Leaf Blight ( <i>Setosphaeria turcica</i> )* Northern Corn Leaf Spot ( <i>Cochliobolus carbonum</i> )* Physoderma Brown Spot ( <i>Physoderma maydis</i> ) Rust ( <i>Puccinia</i> spp.) Southern Corn Leaf Blight ( <i>Cochliobolus heterostrophus</i> )*	4.0 - 5.0 fl oz/acre (0.033 - 0.041 lb prothioconazole/A) (0.098 - 0.122 lb trifloxystrobin/A)
*The above diseases are also known as Helminthosporium leaf blights.	
<b>Application Instructions:</b> Apply LS PROTHIO-TRIFLOXY 125-375 when disease first appears and continue on a 7- to 14-day interval if conditions for disease development persist. Use the higher rates and shorter intervals when disease pressure is severe. Use of an adjuvant may enhance the performance of LS PROTHIO-TRIFLOXY 125-375. LS PROTHIO-TRIFLOXY 125-375 may be applied by ground, air, or chemigation. Do not use adjuvants in sprays made between V8 (8 leaf collar) and VT (lowest branch of the tassel is visible but the silks have not yet emerged).	
<b>PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Application of LS PROTHIO-TRIFLOXY 125-375 is not recommended at times when corn is under severe environmental stress conditions.</li> </ul>	
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Pre-Harvest Interval (PHI):               <ul style="list-style-type: none"> <li>Do not apply within 14 days of harvest for grain and fodder.</li> <li>Forage may be harvested the same day of application.</li> </ul> </li> <li>Minimum Retreatment Interval (RTI): 7 days</li> <li>Do not apply more than 5.0 fl oz (0.041 lb prothioconazole, 0.122 lb trifloxystrobin) in a single application.</li> <li>Do not make more than 2 applications of LS PROTHIO-TRIFLOXY 125-375 per year (10 fl oz) (0.081 lb prothioconazole, 0.245 lb trifloxystrobin).</li> <li>Do not apply more than 2 sequential applications of LS PROTHIO-TRIFLOXY 125-375 or any other QoI Group 11 fungicide without alternation with a fungicide from another group.</li> </ul>	

<b>COTTON</b>	
Disease(s) Suppressed	Rate
<u>Foliar</u> Rust ( <i>Puccinia</i> spp.) Target Spot ( <i>Corynespora cassiicola</i> )	5.0 fl oz/acre (0.041 lb prothioconazole/A) (0.122 lb trifloxystrobin/A)
<u>In Furrow and Banded</u> Damping off ( <i>Rhizoctonia solani</i> )	
<b>Application Instructions:</b> Apply LS PROTHIO-TRIFLOXY 125-375 when disease first appears and continue on a 14-day interval if favorable conditions for disease development persist. LS PROTHIO-TRIFLOXY 125-375 may be applied by ground, air or chemigation. Use of an adjuvant may enhance the performance of LS PROTHIO-TRIFLOXY 125-375. If utilized, apply the lowest label recommended rate of a NIS (nonionic surfactant) adjuvant to enhance disease control. In-furrow and Banded use: Apply up to 5.0 fl oz per acre (0.343 fl oz per 1000 row feet if on 36 inch row spacing) either banded or in the furrow at planting.	
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Pre-Harvest Interval (PHI): 30 days</li> <li>Minimum Retreatment Interval (RTI): 14 days</li> <li>Do not apply more than 5.0 fl oz (0.041 lb prothioconazole, 0.122 lb trifloxystrobin) in a single application.</li> <li>Do not make more than 3 applications of LS PROTHIO-TRIFLOXY 125-375 (15.0 fl oz) (0.122 lb prothioconazole,</li> </ul>	

## {INSIDE BOOKLET}

0.366 lb trifloxystrobin) including all soil and foliar applications.

- Do not apply more than 2 sequential applications of LS PROTHIO-TRIFLOXY 125-375 or any other QoI Group 11 fungicide without alternation with a fungicide from another group.

### DRY PEAS

Disease Controlled	Rate
Ascochyta leaf and pod spot ( <i>Ascochyta pisi</i> ) Mycosphaerella blight ( <i>Mycosphaerella pinodes</i> )	4.0 – 4.8 fl oz/acre (0.033 - 0.039 lb Prothioconazole/A) (0.098 - 0.117 lb Trifloxystrobin/A)

**Application Instructions:** Begin fungicide applications preventatively and continue as needed on a 10- to 14-day interval. Use the shorter intervals when conditions are favorable for severe disease pressure. The application may be made by ground, chemigation, or aerial spray equipment.

#### RESTRICTIONS:

- Pre-Harvest Interval (PHI): 30 days
- Minimum Retreatment Interval (RTI): 10 days
- Do not apply more than 4.8 fl oz (0.039 lb prothioconazole, 0.117 lb trifloxystrobin) in a single application.
- Do not make more than 2 applications of LS PROTHIO-TRIFLOXY 125-375 per year (9.6 fl oz) (0.078 lb prothioconazole, 0.235 lb trifloxystrobin).
- Do not exceed 0.28 lb prothioconazole per acre per year, or 0.24 lb trifloxystrobin per acre per year.
- If growing for animal feed, do not apply within 7 days of cutting or swathing of the crop for forage.
- To limit the potential for development of disease resistance to this fungicide, do not make more than 2 sequential applications of LS PROTHIO-TRIFLOXY 125-375 or any Group 11 or Group 3 containing fungicide before rotating with a fungicide from a different Group.

### LENTILS

Disease Controlled	Rate
Anthrachnose ( <i>Colletotrichum truncatum</i> ) Ascochyta blight ( <i>Ascochyta rabiei</i> ) Grey Mold ( <i>Botrytis cinerea</i> )	4.0 – 4.8 fl oz/acre (0.033 - 0.039 lb Prothioconazole/A) (0.098 - 0.117 lb Trifloxystrobin/A)

**Application Instructions:** Begin fungicide applications preventatively and continue as needed on a 10- to 14-day interval. Use the shorter intervals when conditions are favorable for severe disease pressure. The application may be made by ground, chemigation, or aerial spray equipment.

#### RESTRICTIONS:

- Pre-Harvest Interval (PHI): 30 days
- Minimum Retreatment Interval (RTI): 10 days
- Do not apply more than 4.8 fl oz (0.039 lb prothioconazole, 0.117 lb trifloxystrobin) in a single application.
- Do not apply more than 2 applications of LS PROTHIO-TRIFLOXY 125-375 per year (9.6 fl oz) (0.078 lb prothioconazole, 0.235 lb trifloxystrobin).
- Do not exceed 0.28 lb prothioconazole per acre per year, or 0.24 lb trifloxystrobin per acre per year.
- If growing for animal feed, do not apply within 7 days of cutting or swathing of the crop for forage.
- To limit the potential for development of disease resistance to this fungicide, do not make more than 2 sequential applications of LS PROTHIO-TRIFLOXY 125-375 or any Group 11 or Group 3 containing fungicide before rotating with a fungicide from a different Group.
- Do not apply this product with mechanically pressurized handgun equipment.

### SOYBEANS

Disease Controlled	Rate
Alternaria Leaf Spot ( <i>Alternaria</i> spp.) Anthrachnose ( <i>Colletotrichum truncatum</i> ) Asian Soybean Rust ( <i>Phakopsora pachyrhizi</i> ) Brown Spot ( <i>Septoria glycines</i> ) Cercospora Blight ( <i>Cercospora kikuchii</i> ) Frogeye Leaf Spot ( <i>Cercospora soja</i> ) Pod & Stem Blight ( <i>Diaporthe phaseolorum</i> ) Powdery Mildew ( <i>Microsphaera diffusa</i> ) Rhizoctonia Aerial Blight ( <i>Rhizoctonia solani</i> )	4 - 4.65 fl oz/acre (0.033 - 0.038 lb prothioconazole/A) (0.098 - 0.114 lb trifloxystrobin/A)

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**Application Instructions:** Apply LS PROTHIO-TRIFLOXY 125-375 as a broadcast foliar spray at early flowering or prior to disease development, whichever is earlier. Repeat applications on a 10- to 21-day spray interval if disease monitoring or environmental factors indicate favorable conditions for continued disease development. Use of the higher rates and shorter spray intervals are recommended when disease pressure is severe. LS PROTHIO-TRIFLOXY 125-375 may be applied by ground, air, or chemigation.

### RESTRICTIONS:

- Pre-Harvest Interval (PHI): 21 days
- Minimum Retreatment Interval (RTI): 10 days
- Do not apply more than 4.65 fl oz (0.038 lb prothioconazole, 0.114 lb trifloxystrobin) in a single application.
- Do not apply more than 3 applications of LS PROTHIO-TRIFLOXY 125-375 per year (13.95 fl oz) (0.113 lb prothioconazole, 0.341 lb trifloxystrobin).
- Do not graze or feed soybean forage or hay.
- Do not apply more than 2 sequential applications of LS PROTHIO-TRIFLOXY 125-375 or any other QoI Group 11 fungicide without alternation with a fungicide from another group.

## WHEAT

Disease Controlled	Rate
Powdery Mildew ( <i>Blumeria graminis</i> f. sp. <i>tritici</i> ) Rusts ( <i>Puccinia</i> spp.) Septoria Blotch ( <i>Septoria tritici</i> ) Stagonospora Blotch ( <i>Stagonospora nodorum</i> ) Tan Spot ( <i>Pyrenophora tritici-repentis</i> )	4.0 fl oz/acre (0.033 lb prothioconazole/A) (0.098 lb trifloxystrobin/A)

**Application Instructions:** Begin applications preventatively when conditions are favorable for disease development. A second application (minimum interval of 14 days) may be made if needed. Early season leaf disease control/suppression: Apply 2 to 4 fl oz/acre of LS PROTHIO-TRIFLOXY 125-375 for control of early season tan spot, Septoria, Stagonospora, and powdery mildew and suppression of rusts. LS PROTHIO-TRIFLOXY 125-375 may be applied by ground, air, or chemigation.

### RESTRICTIONS:

- Post-Harvest Interval (PHI): 35 days
- Minimum Retreatment Interval (RTI): 14 days
- Do not apply more than 4.0 fl oz (0.033 lb prothioconazole, 0.098 lb trifloxystrobin) in a single application.
- Do not apply more than 2 applications of LS PROTHIO-TRIFLOXY 125-375 per year (8.0 fl oz) (0.065 lb prothioconazole, 0.195 lb trifloxystrobin).
- Do not apply after Feekes growth stage 10.5 (full head emergence).
- Do not apply more than 2 applications of LS PROTHIO-TRIFLOXY 125-375 or other Group 11 -containing fungicide per acre per year without alternation with at least 2 applications of fungicide from a different (not Group 11) mode of action.
- Grazing Restrictions: If up to a total of 4 fl oz of LS PROTHIO-TRIFLOXY 125-375 per year are applied, do not allow livestock to graze within the treated area within 30 days after application, and do not harvest the treated crop for forage within 30 days after application or for hay within 45 days after application. If greater than 4 fl oz of LS PROTHIO-TRIFLOXY 125-375 is applied per year, do not allow livestock to graze within the treated area, and do not harvest the treated crop for forage or hay.



## 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.

### CONTAINER HANDLING:

**[[Non-Refillable Containers ≤ 5 gallons:]]** Nonrefillable container. Do not reuse or refill this container. Clean container 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 a 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.] Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.]

**[[Non-Refillable Containers > 5 gallons:]]** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. [Triple Rinse as follows: Empty 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.] [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 a 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.] Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.]

## 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 Life Scientific Ltd. 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, LIFE SCIENTIFIC LTD. 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 Life Scientific Ltd. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LIFE SCIENTIFIC LTD. DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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[EPA APPROVAL DATE]



## {INSIDE BOOKLET}

PROTHIOCONAZOLE	GROUP	3	FUNGICIDE
TRIFLOXYSTROBIN	GROUP	11	FUNGICIDE

# LS PROTHIO-TRIFLOXY 125-375

For control of certain diseases and plant health in barley, chickpea, cotton, corn, dry peas, lentils, soybean, and wheat.

ACTIVE INGREDIENTS:	% BY WT.
Prothioconazole, 2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione .....	10.87%
Trifloxystrobin, (E,E)-alpha-(methoxyimino)-2-[[[1-[3-(trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]-, methylester .....	32.61%
OTHER INGREDIENTS:	56.52%
TOTAL:	100.00%

Contains 1.04 pounds of Prothioconazole per gallon plus 3.13 pounds of Trifloxystrobin per gallon.

## KEEP OUT OF REACH OF CHILDREN CAUTION

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY**  
Call 24 Hours A Day 1-800-222-1222

[Please refer to] [See] [back panel] [inside] [label] [booklet] [for] [First Aid][.] [additional] [Precautionary Statements][.] [and] [Directions for Use] [including Storage and Disposal] [instructions][.]

{Note to reviewer: Location of additional precautionary statements and directions for use will vary between those listed, depending on container type/size.}

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Do not give any liquid to the person.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
IF IN EYES:	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF INHALED:	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth- to-mouth, if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>MEDICAL Emergencies Call 24 Hours A Day 1-800-222-1222.</b>	
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>NOTE TO PHYSICIAN:</b> No specific antidote. Treat symptomatically.	

[Manufactured][Produced] For:  
Life Scientific Inc.  
300 Creek View Road  
Suite 209  
Newark, DE 19711

EPA Reg. No. XXXXXX-XX  
EPA Est. No. [ ]  
Net Contents: \_\_\_\_\_  
[Lot No.: \_\_\_\_\_]

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

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

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates, and freshwater/estuaries/marine aquatic plants. Applying this product when rain is not predicted for the next 24 hours will help reduce potential risk to aquatic invertebrates by reducing pesticide runoff from the treatment area into water bodies. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. 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.

Groundwater Advisory: Degradates of prothioconazole are known to leach through soil into groundwater under certain conditions as a result of label use. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

[EPA APPROVAL DATE]

Surface Water Advisory: This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. 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 loading of prothioconazole and degradates from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

## 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.

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**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 LIFE SCIENTIFIC LTD.'S ELECTION, THE REPLACEMENT OF PRODUCT.