

PROTHIOCONAZOLE	GROUP	3	FUNGICIDE
AZOXYSTROBIN	GROUP	11	FUNGICIDE

Altizole™

For control of certain diseases and plant health in labeled crops.

ACTIVE INGREDIENTS:

Prothioconazole, 2-[2-(1-Chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione	16.00%
Azoxystrobin, methyl (E)-2-{2-[6-(2-cyanophenoxy) pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate:.....	13.70%
OTHER INGREDIENTS:	<u>70.30%</u>
TOTAL:	<u>100.00%</u>

Contains 1.48 pounds prothioconazole and 1.27 pounds azoxystrobin per U.S. gallon

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

If Swallowed:

- 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.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-424-7452 for emergency medical treatment information.

Note to Physician: No specific antidote. Treat Symptomatically.

SEE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS, COMPLETE DIRECTIONS FOR USE, WARRANTY DISCLAIMER AND LIMITATION OF WARRANTY.

EPA Reg. No. 1381-275

NET CONTENTS _____

EPA Est No: EPA Est. No indicated by the first letter of the batch number on this package: (B) 67545-AR-001, (Y) 67545-AZ-001, (W) 62171-MS-001, (V) 70815-G-003

MANUFACTURED FOR:
WINFIELD SOLUTIONS, LLC
P.O. BOX 64589
ST. PAUL, MN 55164-0589

2/0228/4R1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

In addition, mixers, loaders, and applicators using mechanically pressurized handwands must wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any R or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

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

User Safety Recommendations

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

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.

Human flagging is prohibited.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, and aquatic plants. **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. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

Ground Water Advisory

Azoxystrobin, a degradate of azoxystrobin, and degradates of prothioconazole are known to leach through soil to ground water under certain conditions as a result of label use. These chemicals may leach into ground water 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 for contamination from runoff water and sediment. Runoff of this product will be reduced by avoiding application when rainfall or irrigation is expected to occur within 48 hours.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT use with or store near any oxidizing or reducing agents.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers maybe 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, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, 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 Direction 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
- Waterproof gloves
- Shoes plus socks

PRODUCT INFORMATION

Altizole:

- is a broad-spectrum fungicide for the control of certain diseases on labeled crops;
- works by interfering with both energy and cell membrane production by plant pathogenic fungi.

APPLICATION INSTRUCTIONS

- Altizole may be applied by ground, air, or chemigation.
- Use of an adjuvant may enhance the performance of Altizole.
- Properly calibrate equipment before use.

Aerial Application

Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur. **DO NOT** apply directly to humans or animals. Refer to specific crop sections for water carrier volumes.

Ground Application

Applications using sufficient water volume to provide thorough and uniform coverage generally provide the most effective disease control. Refer to specific crop sections for water carrier volume recommendations.

Ground Application (Broadcast)

Equip sprayers with nozzles that provide accurate and uniform application. Nozzle selection, spraying pressures, carrier volume and application speeds are critical for maximum efficacy. Operate nozzles within the pressures specified by the manufacturer. Adjust application speeds to allow for canopy penetration and coverage of the leaf surface. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate the sprayer before use and replace worn or damaged nozzles.

Use a pump with sufficient agitation capacity in the tank to keep the mixture in suspension. This requires recirculation of 10% of the tank volume per minute. Use jet agitators or a liquid spurge tube for vigorous agitation. Use screens to protect the pump and to prevent nozzles from clogging. Check nozzle manufacturer's specifications.

For information on spray equipment and calibration, consult sprayer manufacturer's and/or state specifications.

For specific local directions and spray schedules, consult the state agricultural experiment station.

Chemigation

Altizole 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, 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 Altizole 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 specified by the equipment manufacturer. When applying Altizole 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 Altizole required to treat the area covered by the irrigation system. Add the required amount of Altizole 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 Altizole 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 Altizole solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

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

COMPATIBILITY TESTING AND TANK MIX PARTNERS

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. No label dosage rate may be exceeded. Altizole 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 registered.

When using Altizole in tank mixtures, add products in water-soluble packaging to the tank before any other tank-mix partner, including Altizole. 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.

Compatibility

Altizole is compatible with most insecticide, fungicide, and foliar nutrient products. However, test the physical compatibility of Altizole with tank-mix partners before use. To determine the physical compatibility of Altizole 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 liquid flowables, 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.

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 included on this label, test the safety to the target crop. To test for crop safety, apply Altizole to the target crop in a small area and in accordance with label instructions for the target crop.

Order of Mixing

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.

Altizole Alone: Add approximately 1/2 of the required amount of water to the mix tank. With the agitator running, add Altizole to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after Altizole has completely and uniformly dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

Altizole + Tank Mix Partners: Add approximately 1/2 of the required amount of water to the mix tank. Start the agitator running before adding any tank-mix partners. In general, add tank-mix partners in this order:

1. Products packaged in water soluble packaging
2. Wettable powders, wettable granules (dry flowables)
3. Altizole
4. Other liquid flowables
5. Emulsifiable concentrates
6. Water soluble liquids
7. Adjuvants

Always allow each tank-mix partner to become fully and uniformly dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all the mixture has been applied.

RESISTANCE MANAGEMENT

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For resistance management, please note that Altizole contains both a Group 3 (prothioconazole) and Group 11 (azoxystrobin) fungicide. Any fungal population may contain individuals naturally resistant to Altizole and other Group 3 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 one or more of the following steps:

- Rotate the use of Altizole or other Group 3 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/bacterial populations for resistance development.
- Contact your local extension specialist, certified crop advisor and/or Winfield Solutions, LLC representative for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact your Winfield Solutions, LLC representative. You can also contact your pesticide distributor or extension specialist to report resistance.

SPRAY DRIFT MANAGEMENT

Spray Drift Requirements

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 select nozzles that deliver Medium to Coarse spray droplets in accordance with ASABE S-5721.
- **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.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- **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 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.

WIND

Drift potential generally increases with wind speed. 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.

USE RESTRICTIONS

- 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.

- **DO NOT** apply more than 2 sequential applications of Altizole or any other QoI Group 11 fungicide without alternation with a fungicide from another group.
- Do not apply Altizole with mechanically pressurized handgun equipment to Sweet Corn, Garbanzos (including chickpeas), or Lentils.
- Refer to the specific use directions and restrictions in each Crop table.

ROTATIONAL CROPS

Altizole is labeled for use on the following crops: Corn, Dried Shelled Pea and Bean Subgroup 6C (except Soybean), Flax, Peanut, Soybean, Sugar Beets, Sweet Corn, and Wheat.

- Treated areas may be replanted with any crop specified on this label, or any crop for which a tolerance exists for both the active ingredients (azoxystrobin and prothioconazole), as soon as practical following the last application.
- For crops not listed on this label, or for crops for which no tolerances for both active ingredients have been established, a 30-day plant-back interval must be observed.

CORN (Field Corn, Field Corn Grown for Seed and Popcorn)		
Diseases Controlled	Altizole Rate Per Acre	Product Instructions
Anthracnose Leaf Blight (<i>Colletotrichum graminicola</i>) Eyespot (<i>Aureobasidium zeae</i>) Gray Leaf Spot (<i>Cercospora zeae-maydis</i>)	4.0 - 6.0 fl. oz. (0.047 lb. a.i. prothioconazole and 0.040 lb. a.i. azoxystrobin) - (0.070 lb. a.i. prothioconazole and 0.060 lb. a.i. azoxystrobin)	<p>For Early Season control of anthracnose, eyespot and grayleaf spot, apply Altizole as a broadcast foliar spray at V4 (4 leaf collar) to V7 (7 leaf collar) growth stages when conditions are favorable for disease development.</p> <p>For season-long control of these diseases and the diseases listed below, apply a sequential treatment of Altizole at 8.0 -12.0 fl. oz./acre from VT (lowest branch on the tassel is visible but the silks have not yet emerged) through R2 (blister) growth stages.</p> <p>Ground: Apply in a minimum application volume of 10 gallons/Acre.</p> <p>Aerial: Apply in a minimum application volume of 2 gallons/Acre.</p>
Anthracnose Leaf Blight (<i>Colletotrichum graminicola</i>) Eyespot (<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>)* Rust (<i>Puccinia</i> spp.) Physoderma Brown Spot (<i>Physoderma maydis</i>) Southern Corn Leaf Blight (<i>Cochliobolus heterostrophus</i>)* Tar spot (<i>Phyllachora maydis</i>) *The above diseases are also known as <i>Helminthosporium</i> leafblights.	8.0 - 12.0 fl. oz. (0.093 lb. a.i. prothioconazole and 0.079 lb. a.i. azoxystrobin) - (0.140 lb. a.i. prothioconazole and 0.119 lb. a.i. azoxystrobin)	<p>Apply Altizole when disease first appears and continue on a 7- to 14-day interval if conditions for disease development persist.</p> <p>Use the higher specified rates and shorter specified intervals when disease pressure is severe.</p> <p>The inclusion of an adjuvant in the spray tank, for applications made through V8 (the collar of the eighth leaf is visible) and after tassel emergence (VT) is advised.</p> <p>Ground: Apply in a minimum application volume of 10 gallons/Acre.</p> <p>Aerial: Apply in a minimum application volume of 2 gallons/Acre.</p>
<p>Application Precaution:</p> <ul style="list-style-type: none"> Application of Altizole is not advised at times when corn is under severe environmental stress conditions. <p>Application Restrictions:</p> <ul style="list-style-type: none"> Restricted-Entry Interval (REI): 12 hours Pre-Harvest Interval (PHI): Forage: 7 days Grain and Fodder: 14 days Minimum Retreatment Interval: 7 days Maximum Annual Rate: DO NOT exceed 0.713 lb. a.i. prothioconazole per acre per year or 2.0 lbs. a.i. azoxystrobin per acre per year, regardless of formulation or application method. Maximum Annual Applications: DO NOT exceed 5 applications per year of this product at the high rate (12.0 fl. oz.); and To limit the potential for development of disease resistance to this fungicide, DO NOT make more than 2 sequential applications of Altizole or any Group 11 containing fungicide before rotating with a fungicide from a different Group. 		

CORN (Sweet, including Seed Production)		
Diseases Controlled	Altizole Rate Per Acre	Product Instructions
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 spp.)</i> Southern Corn Leaf Blight <i>(Cochliobolus heterostrophus)</i> * Tar spot <i>(Phyllachora maydis)</i> *The above diseases are also known as <i>Helminthosporium</i> leaf blights	8.0 fl. oz. (0.093 lb. a.i. prothioconazole and 0.079 lb. a.i. azoxystrobin)	Apply Altizole 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 Altizole. If utilized, apply the lowest label rate of a NIS adjuvant to enhance disease control. Ground: Apply in a minimum application volume of 10 gallons/Acre. Aerial: Apply in a minimum application volume of 2 gallons/Acre.
Application Restrictions: <ul style="list-style-type: none"> • Restricted-Entry Interval (REI): 24 hours • Pre-Harvest Interval (PHI): Forage and ears: 7 days Fodder: 14 days • Minimum Retreatment Interval: 5 days • Maximum Annual Rate: DO NOT exceed 0.713 lb. a.i. prothioconazole per acre per year or 2.0 lbs. a.i. azoxystrobin per acre per year, regardless of formulation or application method. • Maximum Annual Applications: DO NOT exceed 7 applications of this product per year.; and • To limit the potential for development of disease resistance to this fungicide, DO NOT make more than 2 sequential applications of Altizole or any Group 11 containing fungicide before rotating with a fungicide from a different Group. • DO NOT apply Altizole to sweet corn with mechanically pressurized handgun equipment. 		

DRIED SHELLLED PEA AND BEAN - EXCEPT SOYBEAN (Subgroup 6C)

Bean; Bean (*Lupinus* spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin); Bean (*Phaseolus* spp.) (includes field bean, kidney bean, lima bean (dry), navy bean, pinto bean, tepary bean); Bean (*Vigna* spp.) (includes adzuki bean, blackeyed pea, catjang, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean); Broad bean (dry) (fava bean); Chickpea (garbanzo bean); Guar; Lablab bean (hyacinth bean); Lentil; Pea; Pea (*Pisum* spp.) (includes field pea); Pigeon pea.

Diseases Controlled	Altizole Rate Per Acre	Product Instructions
Anthracnose (<i>Colletotrichum truncatum</i>) Ascochyta blight (<i>Ascochyta rabiei</i>) Ascochyta leaf and pod spot(<i>Ascochyta pisi</i>) Grey Mold (<i>Botrytis cinerea</i>) Mycosphaerella blight (<i>Mycosphaerella pinodes</i>) White mold (<i>Sclerotinia sclerotiorum</i>)	12.0 fl. oz. (0.140 lb. a.i. prothioconazole and 0.119 lb. a.i. azoxystrobin)	Begin fungicide applications preventatively and continue as needed on a 10- to 14-day interval. Use the shorter specified intervals when conditions are favorable for severe disease pressure. Ground: Apply in a minimum application volume of 10 gallons/Acre. Aerial: Apply in a minimum application volume of 5 gallons/Acre.

Application Restrictions:

- **Restricted-Entry Interval (REI):** 12 hours
- **Pre-Harvest Interval (PHI):** 14 days
 - If growing for animal feed, **DO NOT** apply within 7 days of cutting or swathing of the crop for forage.
- **Minimum Retreatment Interval:** 10 days
- **Maximum Annual Rate:** **DO NOT** exceed 0.534 lb. a.i. prothioconazole per acre per year or 1.5 lbs. a.i. azoxystrobin per acre per year, regardless of formulation or application method.
- **Maximum Annual Applications:** **DO NOT** exceed 3 applications of this product per year.; **and**
- To limit the potential for development of disease resistance to this fungicide, **DO NOT** make more than 2 sequential applications of Altizole or any Group 11 containing fungicide before rotating with a fungicide from a different Group.
- **DO NOT** apply Altizole with mechanically pressurized handgun equipment to Garbanzos (including chickpeas), or Lentils.

FLAX

Disease Controlled	Altizole Rate Per Acre	Product Instructions
PasmO (<i>Septoria linicola</i>) Sclerotinia stem rot, or white mold (<i>Sclerotinia sclerotiorum</i>)	12.0 fl. oz. (0.140 lb. a.i. prothioconazole and 0.119 lb. a.i. azoxystrobin)	Apply Altizole when the crop is in the 20 - 50% bloom stage. Best protection will be achieved when the fungicide is applied prior to petals beginning to fall, and will allow for the maximum number of petals to be protected. Ground: Apply in a minimum application volume of 10 gallons/Acre. Aerial: Apply in a minimum application volume of 5 gallons/Acre. The lowest labelled rate of a non-ionic surfactant may be tank-mixed with Altizole.

Application Restrictions:

- **Restricted-Entry Interval (REI):** 12 hours
- **Pre-Harvest Interval (PHI):** 36 days
- **Minimum Retreatment Interval:** 14 days
- **Maximum Annual Rate:** **DO NOT** exceed 0.356 lb. a.i. prothioconazole per acre per year or 0.45 lb. a.i. azoxystrobin per acre per year, regardless of formulation or application method.
- **Maximum Annual Applications:** **DO NOT** exceed 2 applications of this product per year.

- To limit the potential for development of disease resistance to this fungicide, **DO NOT** make more than 2 sequential applications of Altizole or any Group 11 containing fungicide before rotating with a fungicide from a different Group.

PEANUT		
Diseases Suppressed	Altizole Rate Per Acre	Product Instructions
Foliar Diseases	8.0 - 12.0 fl. oz. (0.093 lb. a.i. prothioconazole and 0.079 lb. a.i. azoxystrobin) - (0.140 lb. a.i. prothioconazole and 0.119 lb. a.i. azoxystrobin)	Apply Altizole when disease first appears and continue on a 10 to 14-day interval if favorable conditions for disease development persist. Ground: Apply in a minimum application volume of 10 gallons/Acre. Aerial: Apply in a minimum application volume of 5 gallons/Acre.
Early Leaf Spot (<i>Cercospora arachidicola</i>)		
Late Leaf Spot (<i>Cercosporidium personatum</i>)		
Leaf Scorch and Pepper Spot (<i>Leptosphaerulina crassiasca</i>)		
Leaf Rust (<i>Puccinia arachidis</i>)		
Web Blotch (<i>Phoma arachidicola</i>)		
Soilborne Diseases		
Rhizoctonia Limb Rot, Peg Rot, Pod Rot (<i>Rhizoctonia solani</i>)		
Sclerotium Rot, White Mold, Southern Blight, Southern Stem Rot (<i>Sclerotium rolfsii</i>)		
In-furrow & Banded Diseases	Altizole Rate Per Acre	Product Instructions
Sclerotium Rot	15.4 fl. oz. (0.178 lb. a.i. prothioconazole and 0.154 lb. a.i. azoxystrobin)	Apply 15.4 fl. oz. per acre (1.06 fl. oz. per 1,000 row feet if on 36-inch row spacing). In-furrow: Direct the spray into the furrow at planting just before the seeds are covered. Apply in 2.5 to 20 gallons of water at planting. Banded: Apply in a 4- to 6- inch band over the row at or near emergence. Direct the spray to the soil, using single or multiple nozzles which can be adjusted to provide uniform coverage of the lower stems and the soil surfaces surrounding the plants. A minimum application volume of 20 GPA is advised.
White Mold		
Southern Blight		
Southern Stem Rot (<i>Sclerotium rolfsii</i>)		
Rhizoctonia Limb Rot (<i>Rhizoctonia solani</i>)		
Early Leaf Spot (<i>Cercospora arachidicola</i>)		
Late Leaf Spot (<i>Cercosporidium personatum</i>)		
Cylindrocladium Black Rot (CBR) (<i>Cylindrocladium crotalariae</i>) (Suppression with In-furrow only)		
Application Restrictions: <ul style="list-style-type: none">• Restricted-Entry Interval (REI): 12 hours• Pre-Harvest Interval (PHI): 14 days• Feeding/Grazing Interval: DO NOT feed hay or threshings or allow livestock to graze in treated areas.• Minimum Retreatment Interval: 10 days• Maximum Annual Rate: DO NOT exceed 0.713 lb. a.i. prothioconazole per acre per year or 0.8 lb. a.i. azoxystrobin per acre per year, regardless of formulation type or application method.• Maximum Annual Applications: DO NOT exceed 5 foliar applications of this product per year at the high rate (12.0 fl. oz.); and• To limit the potential for development of disease resistance to this fungicide, DO NOT make more than 2 sequential applications of Altizole or any Group 11 containing fungicide before rotating with a fungicide from a different Group.		

SOYBEAN		
Foliar Diseases Controlled	Altizole Rate Per Acre	Product Instructions
Alternaria Leaf Spot <i>(Alternaria spp.)</i> Anthracnose <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 sojina)</i> Pod & Stem Blight <i>(Diaporthe phaseolorum)</i> Powdery Mildew <i>(Microsphaera diffusa)</i> Rhizoctonia Aerial Blight <i>(Rhizoctonia solani)</i> Sclerotinia Stem Rot also known as White Mold (Suppression Only) <i>(Sclerotinia sclerotiorum)</i>	8.0 - 11.0 fl. oz. (0.093 lb. a.i. prothioconazole and 0.079 lb. a.i. azoxystrobin) - (0.128 lb. a.i. prothioconazole and 0.109 lb. a.i. azoxystrobin)	Apply Altizole 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 specified rates and shorter specified spray intervals is advised when disease pressure is severe. Ground: Apply in a minimum application volume of 10 gallons/Acre. Aerial: Apply in a minimum application volume of 2 gallons/Acre.
In-Furrow Diseases Controlled	Altizole Rate Per Acre	Product Instructions
Rhizoctonia rots <i>(Rhizoctonia spp.)</i>	7.0 - 13.5 fl. oz. (0.081 lb. a.i. prothioconazole and 0.070 lb. a.i. azoxystrobin) - (0.156 lb. a.i. prothioconazole and 0.135 lb. a.i. azoxystrobin)	Apply up to 13.5 fl. oz. per acre (0.775 fl. oz. per 1,000 row feet if on 30-inch row spacing; 0.516 fl. oz. per 1,000 row feet if on a 20-inch row spacing). Direct the spray into the furrow at planting just before the seeds are covered. Apply in 2.5 to 20 gallons of water.
Application Restrictions: <ul style="list-style-type: none"> • Restricted-Entry Interval (REI): 12 hours • Pre-Harvest Interval (PHI): 21 days • Minimum Retreatment Interval: 10 days • Maximum Annual Rate: DO NOT exceed 0.53 lb. a.i. prothioconazole per acre per year or 1.5 lbs. a.i. azoxystrobin per acre per year, regardless of formulation type or application method. • Maximum Annual Applications: DO NOT exceed 4 foliar applications of this product at the maximum application rate (11.0 fl. oz.); and • To limit the potential for development of disease resistance to this fungicide, DO NOT make more than 2 sequential applications of Altizole or any Group 11 containing fungicide before rotating with a fungicide from a different Group. 		

SUGAR BEETS		
Foliar Diseases Controlled	Altizole Rate Per Acre	Product Instructions
<p>Cercospora Leaf Spot (<i>Cercospora beticola</i>)</p> <p>Powdery Mildew (<i>Erysiphe polygoni</i>)</p>	<p>8.0 - 11.0 fl. oz. (0.093 lb. a.i. prothioconazole and 0.079 lb. a.i. azoxystrobin) - (0.128 lb. a.i. prothioconazole and 0.109 lb. a.i. azoxystrobin)</p>	<p>Apply Altizole at the first sign of disease.</p> <p>Repeat applications as needed using a 14- to 21- day spray interval depending on disease pressure. Use a 14-day spray interval under normal to heavy disease pressure and a 21-day spray interval under light disease pressure.</p> <p>Use the higher specified use rate and shorter specified intervals when conditions are favorable for severe disease pressure and/or when growing less disease resistant varieties.</p> <p>Ground: Apply in a minimum application volume of 10 gallons/Acre.</p> <p>Aerial: Apply in a minimum application volume of 5 gallons/Acre.</p>
In-furrow & Banded Diseases Controlled	Altizole Rate Per Acre	Product Instructions
<p>Rhizoctonia Stem Canker, Root Rot, Crown Rot (<i>Rhizoctonia solani</i>)</p>	<p>15.4 fl. oz. (0.178 lb. a.i. prothioconazole and 0.154 lb. a.i. azoxystrobin)</p>	<p>Apply 15.4 fl. oz. per acre (1.06 fl. oz. per 1,000 row feet if on 36-inch row spacing).</p> <p>In-furrow: Direct the spray into the furrow at planting just before the seeds are covered. Apply in 2.5 to 20 gallons of water. If cool soil conditions are expected after planting which could result in an extended period of plant emergence, do not apply Altizole in-furrow.</p> <p>Banded: Apply in a 7-inch band at the 4-leaf row closure growth stage. Direct the spray to the soil, using single or multiple nozzles which can be adjusted to provide uniform coverage of the lower stems and the soil surfaces surrounding the plants. Apply in a minimum application volume of 10 gallons/acre.</p>
<p>Application Precaution:</p> <ul style="list-style-type: none"> Tank mixtures of Altizole with crop oil concentrates (COC) or methylated spray oil (MSO) may result in crop injury. <p>Application Restrictions:</p> <ul style="list-style-type: none"> Restricted-Entry Interval (REI): 12 hours Pre-Harvest Interval (PHI): 7 days Minimum Retreatment Interval: 14 days Maximum Annual Rate: DO NOT exceed 0.53 lb. a.i. prothioconazole per acre per year or 2.0 lbs. azoxystrobin per acre per year, regardless of formulation or application method. Maximum Annual Applications: DO NOT exceed 4 foliar applications of this product at the maximum application rate (11.0 fl. oz.); and To limit the potential for development of disease resistance to this fungicide, DO NOT make more than 2 sequential applications of Altizole or any Group 11 containing fungicide before rotating with a fungicide from a different Group. If using Altizole at the time of planting, DO NOT use a starter fertilizer with it. 		

WHEAT		
Diseases Controlled	Altizole Rate Per Acre	Product Instructions
Powdery Mildew <i>(Blumeria graminis f. sp. tritici)</i> Rusts <i>(Puccinia spp.)</i> Septoria Blotch <i>(Septoria tritici)</i> Stagonospora Blotch <i>(Stagonospora nodorum)</i> Tan Spot <i>(Pyrenophora tritici-repentis)</i>	8.0 fl. oz. (0.093 lb. a.i. prothioconazole and 0.079 lb. a.i. azoxystrobin)	Make applications only from tiller stage to flag leaf stage. A second application (minimum interval of 14 days) may be made if needed. Make applications only from tiller stage to flag leaf stage. For control of early season powdery mildew, Septoria, Stagonospora, tan spot, and suppression of rusts: Apply 4.0 - 6.0 fl. oz./acre of Altizole. Ground: Apply in a minimum application volume of 10 gallons/Acre. Aerial: Apply in a minimum application volume of 2 gallons/Acre.
Application Restrictions: <ul style="list-style-type: none"> • Restricted-Entry Interval (REI): 12 hours • Pre-Harvest Interval (PHI): 30 day(s) • Minimum Retreatment Interval: 14 days • Maximum Annual Rate: DO NOT exceed 0.293 lb. a.i. prothioconazole per acre per year or 0.40 lb. a.i. azoxystrobin per acre per year, regardless of formulation or application method. • Make applications only from tiller stage to flag leaf stage. • Maximum Annual Applications: DO NOT exceed 2 applications of this product per year. • To limit the potential for development of disease resistance to this fungicide, DO NOT make more than 2 sequential applications of Altizole or any Group 11 containing fungicide before rotating with a fungicide from a different Group. 		

STORAGE AND DISPOSAL

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

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 the container is leaking, invert to prevent leakage. If container is leaking or material 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 may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING

Follow the handling instructions appropriate for container size and type.

Nonrefillable container equal to or less than 5 gallons

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 $\frac{1}{4}$ 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 or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Nonrefillable container greater than 5 gallons

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. Fill the container $\frac{1}{4}$ 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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 percent 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 or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call
CHEMTREC 1-800-424-9300**

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations on liability, **DO NOT** use the product, and return it unopened to the Seller, and the purchase price will be refunded.

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