



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

91234-345

Date of Issuance:

6/16/25

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

A2103.01

Name and Address of Registrant (include ZIP Code):

Atticus, LLC  
5000 CentreGreen Way, Suite 100  
Cary, NC 27513

**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:

6/16/25

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 91234-345."
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(s):

- Basic CSF dated 6/5/2025

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 or explanatory language}  
{Note to reviewer: {Text} in braces denotes where in the final label text will appear}  
{BOOKLET FRONT PANEL LANGUAGE}  
[SUBLABEL A]

PROTHIOCONAZOLE	GROUP	3	FUNGICIDE
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**A2103.01 [™]**

[Alternate Brand Name: Provixo 480 SC, Avixio D-342]

[Contains prothioconazole, the active ingredient used in Proline® 480 SC.]

[For control of specified diseases on listed crops]

ACTIVE INGREDIENT:	(% by weight)
Prothioconazole, 2-[2-(1-Chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione.....	41.0%
<b>OTHER INGREDIENTS:</b> .....	59.0%
<b>TOTAL</b> .....	100.0%

Contains 4 lbs. of Prothioconazole per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

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

[See inside label booklet for First Aid, [additional] Precautionary Statements, and Directions for Use.]

[See back panel for First Aid, Precautionary Statements, and Directions for Use.]

[See below additional Precautionary Statements]

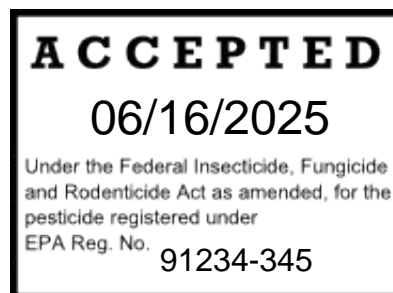
[A2103.01 is not manufactured, or distributed by Bayer CropScience, seller of Proline® 480 SC].

EPA Reg. No.: 91234-XX

EPA Est. No.:

Net Contents:

Manufactured for:  
**Atticus, LLC**  
940 NW Cary Parkway, Suite 200  
Cary, NC 27513



## {LANGUAGE INSIDE BOOKLET}

FIRST AID	
<b>If swallowed:</b>	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</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 mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further 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 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</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 15-20 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>
NOTE TO PHYSICIAN	
No specific antidote. Treat symptomatically.	
HOT LINE 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 SafetyCall at <b>1-844-685-9173</b> for emergency medical treatment information.	

**For Chemical Emergency:**  
**Spill, Leak, Fire, Exposure, or Accident,**  
**Call CHEMTREC Day or Night**  
**Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)**

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

### **CAUTION**

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

### **PERSONAL PROTECTIVE EQUIPMENT**

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material including barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, natural rubber  $\geq 14$  mils, polyvinyl chloride (PVC)  $\geq 14$  mils, Viton  $\geq 14$  mils.
- 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 product is toxic to estuarine/marine invertebrates, and freshwater/estuarine/marine 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.

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

This product may impact surface water quality due to runoff 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.

## PHYSICAL-CHEMICAL HAZARDS

Do not mix or allow coming in contact with Oxidizing agents. Hazardous Chemical reaction may occur.

## DIRECTIONS FOR USE

**It is a violation of federal law to use this produce in a manner inconsistent with its labeling.**

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

### AGRICULTURAL USE REQUIREMENTS

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

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

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

- Coveralls

- Chemical-resistant gloves made of any waterproof material including barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, Viton ≥ 14 mils.
- Shoes plus socks

### PRODUCT INFORMATION

**A2103.01** is a broad-spectrum systemic fungicide for the control of Ascomycete, Basidiomycete and Deuteromycete diseases in a variety of crops including barley, buckwheat, bushberry subgroup, low growing berry subgroup (except strawberry), corn, cotton, cucurbit vegetables, dry shelled pea and bean crop subgroup, millet, oats, peanuts, rapeseed subgroup 20A (including canola and Brassica carinata), rice, rye, soybean, sugar beets, triticale, wheat; conifer and hardwood nursery seeds and seedlings. Under conditions conducive to extended infection periods or high disease pressure, additional fungicide applications beyond the number allowed by this label may be needed. Under these conditions use another fungicide registered for the crop/disease. Equipment must be properly calibrated before use.

### RESISTANCE MANAGEMENT

For resistance management, **A2103.01** contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to **A2103.01** and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance, take the following steps:

- Rotate the use of **A2103.01** or other Group 3 fungicides within a growing season with different groups that control the same pathogens.
- Use tank mixtures with fungicides 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, 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.
- 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 Atticus, LLC at 984-465-4800.

### SPRAY EQUIPMENT/VOLUMES

**A2103.01** may be applied by either ground, aerial and/or chemigation application equipment. Refer to the **USE DIRECTIONS FOR SPECIFIC CROPS** section of this label for approved applications for each crop.

Apply in a minimum of 10 gallons of spray solution per acre by ground sprayer. Apply in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment unless stated differently elsewhere in this label. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied. If necessary, increase the spray volume per acre for complete crop coverage.

### MIXING PROCEDURES

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.

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

#### **A2103.01 Alone**

Add ½ of the required amount of water to the mix tank. With the agitator running, add the **A2103.01** to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the product has completely and uniformly dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

#### **A2103.01 + Tank-Mix Partners**

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

When using **A2103.01** in tank mixtures, all products in water-soluble packaging should be added to the tank before any other tank-mix partner, including **A2103.01**. Allow the water-soluble packaging to completely disperse before adding any other tank-mix partner to the tank.

If using **A2103.01** in a tank mixture, observe all directions for use, crop/sites, use rates, dilution ratios, precautions, and limitations, which appear on the tank-mix product label. No label dosage rate must be exceeded, and the most restrictive label precautions and limitations must be followed. This product must not be mixed with any product that prohibits such mixing. Tank mixtures or other applications of products are permitted only in those states in which the products are registered.

**A2103.01** is compatible with most insecticide, fungicide, herbicide, and foliar nutrient products. However, the physical compatibility of **A2103.01** with tank-mix partners should be tested before use. To determine the physical compatibility of **A2103.01** with other products, use a jar test, as described below.

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

The crop safety of all potential tank mixes including additives and other pesticides on all crops has not been tested. Before applying any tank mixture not specifically recommended on this label, the safety to the target crop should be confirmed. To test for crop safety, apply **A2103.01** to the target crop in a small area and in accordance with label instructions for the target crop.

## SOILBORNE/SEEDLING DISEASE CONTROL [\*]

[\*Not Registered for Use by California]

**A2103.01** can provide control of certain soilborne/seedling diseases when applied as an in-furrow application at time of planting or as a banded application applied over the row at time of planting and up to row closure on certain crops. Refer to the **USE DIRECTIONS FOR SPECIFIC CROPS** section of the label to determine which crops contain recommendations for in-furrow and/or banded applications and for the optimal timings, rates and band widths of these applications.

### In-Furrow Application [\*]

[\*Not Registered for Use by California]

- Apply **A2103.01** as an in-furrow application in 2.5 to 20 gallons of water at planting.
- Mount the spray nozzle such that the spray is directed into the furrow just before the seeds are covered.

### Banded Application [\*]

[\*Not Registered for Use by California]

- Apply **A2103.01** as a directed spray to the soil, using single or multiple nozzles which can be adjusted to provide uniform coverage of the lower stems and the soil surface plants.
- To calculate rates:

$$\frac{\text{Sprayed Bed Width (in.)}}{\text{Total Row Width (in.)}} \times \frac{\text{Broadcast Rate}}{\text{Treated Acre}} = \text{Band Rate/Field Acre}$$

Rate per 1000 Row Feet	RATE OF A2103.01 FOR IN-FURROW AND BANDED APPLICATIONS [*] (Fl. oz. per acre)								
Fl. Oz. product	15" Rows	20" Rows	22" Rows	30" Rows	32" Rows	34" Rows	36" Rows	38" Rows	40" Rows
0.075	2.61								
0.100	3.48	2.61							
0.125	4.36	3.27	2.97						
0.150	5.23	3.92	3.56	2.61					
0.175	6.10	4.57	4.16	3.05	2.86	2.69			
0.200	6.97	5.23	4.75	3.48	3.27	3.07	2.90	2.75	2.61
0.225		5.88	5.35	3.92	3.68	3.46	3.27	3.10	2.94
0.250		6.53	5.94	4.36	4.08	3.84	3.63	3.44	3.27
0.275			6.53	4.79	4.49	4.23	3.99	3.78	3.59
0.300				5.23	4.90	4.61	4.36	4.13	3.92
0.325				5.66	5.31	5.00	4.72	4.47	4.25
0.350				6.10	5.72	5.38	5.08	4.81	4.57
0.375				6.53	6.13	5.77	5.45	5.16	4.90
0.400				6.97	6.53	6.15	5.81	5.50	5.23
0.425					6.94	6.53	6.17	5.85	5.55
0.450						6.92	6.53	6.19	5.88
0.475							6.90	6.53	6.21
0.500								6.88	6.53
0.525									6.86
0.543									7.10

[\*Not Registered for Use by California]

### 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.



## Chemigation Application

Apply **A2103.01** through irrigation equipment only to crops for which chemigation is specified on this label.

**A2103.01** alone or in combination with other pesticides, which are registered for application through irrigation systems, may be applied through irrigation systems. Apply this product only through center pivot, solid set, drip [\*], linear, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system. Illegal pesticide residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

[\*Not Registered for use by California]

### 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 **A2103.01** 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 **A2103.01** 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 **A2103.01** required to treat the area covered by the irrigation system. Add the required amount of **A2103.01** 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 **A2103.01** 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 **A2103.01** solution has cleared the sprinkler head.

### **Solid Set and Moving Wheel Irrigation Equipment**

When applying **A2103.01** through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Determine the amount of **A2103.01** required to treat the area covered by the irrigation system. Add the required amount of **A2103.01** 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 **A2103.01** solution has cleared the last sprinkler head.

### **Using Water from Public Water Systems**

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone (RPZ), back flow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

**Adjuvants:** **A2103.01** is recommended to be used with a registered non-ionic surfactant at the lowest recommended labeled rate for those specific uses where a surfactant is not recommended.

### **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 – 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.

#### **RELEASE HEIGHT – Aircraft**

Higher release heights increase the potential for spray drift.

#### **SHIELDED SPRAYERS**

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

#### **TEMPERATURE AND HUMIDITY**

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

### **TEMPERATURE INVERSIONS**

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

### **WIND**

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

#### **Boomless Ground Applications:**

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

#### **Handheld Technology Applications:**

- Take precautions to minimize spray drift.

### **ROTATIONAL RESTRICTIONS**

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

{NOTE TO REVIEWER: Registrant may add the following state-driven statements as required throughout.

[Not Registered for Use by (Insert State)] [Not Registered for Use on (Insert Commodity) by (Insert State)]  
[Not Registered for Sale, Sale Into, Distribution and/or Use in (Insert County Name(s)) Counties of (Insert State)]]

### USE DIRECTIONS FOR SPECIFIC CROPS

**A2103.01** provides control or suppression of many important diseases of barley, buckwheat, bushberry subgroup [\*], low growing berry subgroup (except strawberry) [\*], corn, cotton [\*], cucurbit vegetables [\*], dry shelled pea and bean crop subgroup, rice [\*], millet, oats, peanuts, rapeseed subgroup 20A (including canola and Brassica carinata), rye, soybean, sugar beets, triticale, wheat; conifer and disease suppression, suppression can mean either erratic control good to fair or consistent control at a level below that obtained with the best commercial disease control products.

CROP	DISEASES CONTROLLED	RATE OF A2103.01 (FL. OZ./ACRE)	APPLICATION DIRECTIONS
Barley	Fusarium Head Blight ( <i>Fusarium</i> spp.) (Suppression Only)	5.0 - 5.7 (0.156 - 0.178 lb. ai)	<p><b>A2103.01</b> may be applied by either ground, aerial or chemigation application equipment. For aerial applications made prior to heading (prior to Feekes Growth Stage 10.5), apply a minimum of 2 gpa spray solution. For aerial applications made at the heading growth stage or later, apply in a minimum of 5 gpa spray solution. Chemigation use is allowed only for applications made prior to heading.</p> <p>Repeat applications using a 14-day spray interval if conditions remain favorable for continued or increasing disease development.</p> <p>For optimum disease control, the lowest labeled rate of a spray surfactant should be tank mixed with <b>A2103.01</b></p> <p><b>Fusarium Head Blight (Suppression Only):</b> The optimal time to apply <b>A2103.01</b> is as a preventative foliar spray when barley heads on the main stem are fully emerged (~Feekes Growth Stages 10.5). Spray equipment must be set to provide good coverage to barley heads. For thorough coverage of barley head using ground application equipment, it is recommended to use forward and backward mounted nozzles or nozzles that have a two-directional spray. Nozzles should be operated within the spray pressure directions suggested by the manufacturer.</p> <p><b>Leaf and Stem Diseases:</b> Apply <b>A2103.01</b> as a preventive foliar spray when the earliest disease symptoms appear on the leaves or stems. Barley fields should be observed closely for early disease particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.</p>
	<b>Leaf and Stem Diseases</b> Net Blotch ( <i>Pyrenophora teres</i> ) Powdery Mildew ( <i>Blumeria graminis</i> f. sp. <i>Hordei</i> ) Rusts ( <i>Puccinia</i> spp.) Scald ( <i>Rhynchosporium secalis</i> ) Spot Blotch ( <i>Cochliobolus sativus</i> )	2.8 - 4.3 (0.088 - 0.134 lb. ai)	
<p><b>Other Requirements:</b></p> <ul style="list-style-type: none"><li>• Apply up to two (2) applications of <b>A2103.01</b> per year.</li><li>• A maximum of 9.37 fl. oz. (0.293 lb. prothioconazole) of <b>A2103.01</b> may be applied per acre per year.</li><li>• Do not apply within 32 days of harvest.</li></ul> <p>[*Not Registered for Use by California]</p>			

CROPS	DISEASE CONTROLLED	RATE OF A2103.01 (FL. OZ./ACRE)	APPLICATION DIRECTIONS
<b>Bushberry (Subgroup 13- 07B) [*]</b> Aronia berry; blueberry (highbush and lowbush); Chilean guava; highbush cranberry; currant (black, buffalo, and red); elderberry; European barberry; gooseberry; edible honeysuckle; huckleberry; jostaberry; juneberry (Saskatoon berry); lingonberry; native currant; salal; sea buckthorn; and cultivars hybrids of these.	Septoria leaf spot ( <i>Septor</i> spp.) Monilinia blight ( <i>Monilinia vaccinii-corymbosi</i> ) Valdensinia leaf spot ( <i>Valdensinia heterodoxa</i> ) Leaf Rust ( <i>Thekopsora minima</i> ) Anthracnose ( <i>Colletotrichum gloeosporioides</i> ) Botrytis blight ( <i>Botrytis cinerea</i> ) Phomopsis canker and twig blight[*] ( <i>Phomopsis vaccinii</i> ) Alternaria fruit rot [*] ( <i>Alternaria</i> spp.) White pine blister rust[*] ( <i>Cronartium ribicola</i> )	5.7 (0.178 lb. ai)	<b>A2103.01</b> may be applied by either ground or chemigation application equipment. Apply <b>A2103.01</b> at the first sign of disease.  Repeat applications as need using a 7- to 10-day spray interval if conditions remain favorable for continued or increasing disease development.
<b>Other Requirements:</b> <ul style="list-style-type: none"> <li>Apply up to two (2) applications of <b>A2103.01</b> per year.</li> <li>A maximum of 11.4 fl. oz. (0.356 lb. prothioconazole) of <b>A2103.01</b> may be applied per acre per year.</li> <li>Do not apply within 7 days of harvest.</li> </ul> [*Not Registered for use by California.]			

CROPS	DISEASES CONTROLLED	RATE OF A2103.01 (F.OZ./ACRE)	APPLICATION DIRECTIONS
<b>Low growing Berry Subgroup (Except Strawberry) [*]</b> Bearberry; bilberry; cloudberry; cranberry; muntries; partridgeberry and cultivators and hybrids of these	<b>Fruit rot:</b> <i>Coleophma empetri</i> <i>Glomerella cingulata</i> <i>Phyllosticta vaccinii</i> <i>Physalospora vaccinii</i> <i>Allantophomopsis lycopodina</i> <i>Allantophomopsis cytispora</i> <i>Fusicoccum putrefaciens</i> <i>Penicillium</i> spp. <i>Phomopsis vaccinii</i> <i>Colletotrichum acutatum</i> <i>Botrytis</i> spp. <i>Monilinia</i> spp.  Valdensinia leaf spot ( <i>Valdensinia heterodoxa</i> )	5.0 (0.156 lb. ai)	<b>A2103.01</b> may be applied by either ground or chemigation application at early bloom. Make a second application of <b>A2103.01</b> or another approved fungicide 7-10 days later.  Repeat applications as needed using a 7-10 day spray interval if conditions remain favorable for continued or increasing disease development.
<b>Other Requirements:</b> <ul style="list-style-type: none"> <li>Apply up to two (2) applications of <b>A2103.01</b> per year.</li> <li>A maximum of 10.0 fl. oz. (0.313 lb. prothioconazole) of <b>A2103.01</b> may be applied per acre per year.</li> <li>Do not apply within 45 days of harvest.</li> </ul> [*Not Registered for Use by California.]			

CROPS	DISEASES CONTROLLED	RATE OF A2103.01 (FL. OZ./ACRE)	APPLICATION DIRECTIONS
Buckwheat Millet, Pearl Millet, Proso Oats, Rye	Rusts ( <i>Puccinia</i> spp.) Glume Blotch ( <i>Stagonospora nodorum</i> ) Head Blight or Scab ( <i>Fusarium graminearum</i> ) Suppression Powdery Mildew ( <i>Erysiphe graminis</i> ) Scald ( <i>Rhynchosporium secalis</i> ) Speckled Blotch ( <i>Septoria avenae</i> ; <i>Septoria tritici</i> ) Spot Blotch ( <i>Bipolaris sorokiniana</i> ) Tan Spot or Yellow leaf Spot ( <i>Pyrenophora tritici-repentis</i> )	5 – 5.7 (0.156 – 0.178 lb. ai)	Apply <b>A2103.01</b> as a preventive foliar spray when the earliest disease symptoms appear on the leaves or stems. Fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.  Applications may be made by ground or aerial spray equipment.
<b>Other Requirements:</b> <ul style="list-style-type: none"> <li>• Apply only one (1) application per year.</li> <li>• A maximum of 5.7 fl. oz. (0.178 lb. prothioconazole) of <b>A2103.01</b> may be applied per acre per year.</li> <li>• Do not apply within 30 days of harvest.</li> </ul>			

CROPS	DISEASES CONTROLLED	RATE OF A2103.01 (FL. OZ./ACRE)	APPLICATION DIRECTIONS
Corn (Field corn, field corn grown for seed and popcorn)	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> ) <sup>1</sup> Northern Corn Leaf Spot ( <i>Cochliobolus carbonum</i> ) <sup>1</sup> Rust ( <i>Puccinia</i> spp.) Southern Corn Leaf Blight ( <i>Cochliobolus heterostrophus</i> ) <sup>1</sup>	5.7 (0.178 lb. ai)	<b>A2103.01</b> may be applied by either ground, aerial or chemigation application equipment.  For aerial applications, apply <b>A2103.01</b> using a minimum of 3 gpa spray solution. An adjuvant may be used to improve spray coverage. Refer to the adjuvant product label for specific use directions.  Application of <b>A2103.01</b> is not recommended at times when corn is under severe environmental stress conditions.  Apply <b>A2103.01</b> at the first sign of disease. Repeat applications as needed on a 7 – to 14-day interval if favorable conditions for disease development persist.
	<b>[*] For the suppression of:</b> Fusarium [*], Gibberella [*] and Aspergillus [*] ear rots [*] ( <i>Fusarium</i> spp., <i>Gibberella</i> spp. and <i>Aspergillus</i> spp.)		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>Soilborne/Seedling Disease</b> Rhizoctonia root [*] and stalk rot [*] ( <i>Rhizoctonia solani</i> )	2.6 – 4.0 (0.081 – 0.125 lb. ai)	<b>Suppression of Fusarium, Gibberella and Aspergillus Ear Rots:</b> For optimum suppression, apply <b>A2103.01</b> from the R1 (initial silk emergence) to the R2 (brown silk) corn growth stages. <b>A2103.01</b> will reduce both disease symptoms and levels of mycotoxin in the grain.  <b>In Furrow Application for Soilborne/ Seedling Disease Control:</b> See <b>Use Directions</b> and rate chart for various row spacing under the <b>SOILBORNE/SEEDLING CONTROL</b> section.

**Other Requirements:**

- Do not exceed 22.8 fl. oz. (0.713 lb. prothioconazole) total from all uses, including soil and foliar applications, per acre of **A2103.01** per year.
- Do not apply within 14 days of harvest for grain and fodder.
- Forage may be harvested the same day of application.

<sup>1</sup>The above diseases are also known as Helminthosporium leaf blight.

[\*Not Registered for use by California.]

CROPS	DISEASES CONTROLLED	RATE OF A2103.01 (FL. OZ./ACRE)	APPLICATION DIRECTIONS
Cotton [*]	<b>In furrow and Band</b> Damping off ( <i>Rhizoctonia solani</i> ) Fusarium Wilt [*] ( <i>Fusarium</i> spp.)	5.7 – 7.1 (0.178 – 0.222 lb. ai)  (0.4 – 0.5 fl. oz. /1,000 row feet)	Repeat applications as needed using a 14-day spray interval if conditions remain favorable for continued or increasing disease development.  <b>In furrow Applications:</b> Apply 5.7 to 7.1 fl. oz per acre (0.4 to 0.5 fl. oz per 1000 row feet if on 36-inch row spacing) in the furrow at planting.
	<b>Foliar</b> Target Spot ( <i>Corynespora cassiicola</i> ) Rust ( <i>Puccinia</i> spp.)	5.0 – 5.7 (0.156 – 0.178 lb. ai)	<b>Banded applications:</b> <b>A2103.01</b> may also be applied in a 4-to-6-inch band over the row at or near emergence.  <b>Foliar applications:</b> <b>A2103.01</b> may be applied by ground, aerial, or chemigation application equipment.

**General Comments:**

- When used at 5.0 - 5.7 fl. oz. per acre, do not apply more than three (3) applications of **A2103.01** per year, including in-furrow, banded and foliar applications. If any application is made at a rate above 5.7 fl. oz. per acre, do not make more than two (2) total applications of **A2103.01** per year, including in-furrow, banded, and foliar applications.
- A maximum of 17.1 fl. oz. (0.534 lb. prothioconazole) of **A2103.01** may be applied per acre per year including all soil and foliar applications.
- Do not apply within 30 days of harvest.

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CROPS	DISEASES CONTROLLED	RATE OF A2103.01 (FL. OZ./ACRE)	APPLICATION DIRECTIONS
Chickpea	Ascochyta Blight ( <i>Ascochyta</i> spp.)	5.0 – 5.7 (0.156 – 0.178 lb. ai)	<b>A2103.01</b> may be applied by either ground, aerial or chemigation application equipment. Apply <b>A2103.01</b> at the first sign of disease. Use the higher use rate when conditions are favorable for severe disease pressure and/or when growing susceptible varieties.  Repeat applications as needed using a 10- to 14-day spray interval if conditions remain favorable for continued or increasing disease development.  To optimize disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with <b>A2103.01</b> .

**Other Requirements:**

- Apply up to three (3) applications of **A2103.01** per year.
- A maximum of 17.1 fl. oz. (0.534 lb. prothioconazole) of **A2103.01** may be applied per acre per year.
- Allow a minimum of 7 days from the last application until cutting or swathing the crop for harvest.

CROPS	DISEASES CONTROLLED	RATE OF A2103.01 (FL. OZ./ACRE)	APPLICATION DIRECTIONS
<b>Cucurbit vegetables (Crop Group 9) [*]</b> Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; edible gourd (includes hyotan, cucuzza, hechima, Chinese okra); Momordica spp (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes true cantaloupe, cantaloupe, casaba, Crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon); pumpkin; squash (summer and winter, includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini, butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon	Fusarium wilt Fusarium blight ( <i>Fusarium oxysporum</i> ) ( <i>Fusarium</i> spp.) Gummy stem blight ( <i>Didymella</i> spp.) Southern blight [*] ( <i>Sclerotium roflsii</i> ) Powdery mildew ( <i>Sphaerotheca fuliginea</i> / <i>Podosphaera xanthii</i> ) ( <i>Erysiphe cichoracearum</i> )	5.7 (0.178 lb. ai) (soil)  5.7 (0.178 lb. ai) (foliar)	<b>A2103.01</b> may be applied by either ground or chemigation application equipment (including drip irrigation). Do not use in water used for hand transplanting. Not for use in greenhouse/transplant house.  Repeat applications as needed using a 5-10 day spray interval if conditions remain favorable for continued or increasing disease development.
<b>Other Requirements:</b> <ul style="list-style-type: none"> <li>• Apply up to one (1) soil application and two (2) foliar applications of <b>A2103.01</b> per year.</li> <li>• A maximum of 17.1 fl. oz. (0.534 lb. prothioconazole) of <b>A2103.01</b> may be applied per acre per year.</li> <li>• Do not apply within 7 days of harvest.</li> </ul> [*Not Registered for use by California.]			

CROPS	DISEASES CONTROLLED	RATE OF A2103.01 (FL. OZ./ACRE)	APPLICATION DIRECTIONS
<b>Dried Shelled Peas and Beans Subgroup (except soybeans)</b> <i>Lupinus</i> spp. (Grain, Sweet, White and White Sweet lupins) <i>Phaseolus</i> spp. (Field, Kidney, Dry lima, Navy, Pinto and Tepary beans) <i>Vigna</i> spp. (Adzuki bean, Blackeyed pea, Catjang, Cowpea, Crowder pea, Moth bean, Mung bean, Rice bean, Southern pea and Urd bean) Dry broad bean, Guar, Lablab bean, <i>Pisum</i> spp. [Pea (Including field pea) and Pigeon pea]	<b>Foliar:</b> Ascochyta Blight ( <i>Ascochyta pinodes</i> ) Rust ( <i>Uromyces appendiculatus</i> ) White Mold ( <i>Sclerotinia sclerotiorum</i> )	5.7 (0.178 lb. ai)	<b>A2103.01</b> may be applied by either ground, aerial or chemigation application equipment. For ground applications, apply in a minimum of 20 gpa.  Repeat applications as needed using a 5-14 day spray interval if conditions remain favorable for continued or increasing disease development.  To optimize disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with <b>A2103.01</b> .  <b>[*] In-furrow use:</b> Apply up to 5.0 fl. oz per acre (0.288 fl. oz per 1000 row feet if on 30-inch row spacing; 0.192 fl. oz per 1,000 row feet if on a 20-inch row spacing) in the furrow at planting. See use directions and rate chart for various row spacing under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.  <b>Rust Control:</b> apply <b>A2103.01</b> at the first sign of disease.
	<b>[*] In Furrow:</b> Rhizoctonia rots ( <i>Rhizoctonia</i> spp.)	2.6 - 5.0 (0.081 - 0.156 lb. ai)	



			<b>White Mold Control:</b> apply <b>A2103.01</b> at 25% flower.
<b>Other Requirements:</b> <ul style="list-style-type: none"> <li>• Apply up to three (3) applications of <b>A2103.01</b> per year.</li> <li>• A maximum of 17.1 fl. oz. (0.534 lb. prothioconazole) of <b>A2103.01</b> may be applied per acre per year.</li> <li>• Allow a minimum of 7 days from the last application until cutting or swathing the crop for harvest.</li> </ul> [*Not Registered for Use by California.]			

CROPS	DISEASES CONTROLLED	RATE OF A2103.01 (FL.OZ./ACRE)	APPLICATION DIRECTIONS
<b>Lentils</b>	Ascochyta Blight ( <i>Ascochyta</i> spp.)	4.3 - 5.7 (0.134 - 0.178 lb. ai)	<p><b>A2103.01</b> may be applied by either ground, aerial or chemigation application equipment. Apply <b>A2103.01</b> at early flower or at the first sign of disease. Use the higher use rate when conditions are favorable for severe disease pressure and/or when growing less disease resistant varieties.</p> <p>Repeat applications as needed using a 10- to 14-day spray interval if conditions remain favorable for continued or increasing disease development.</p> <p>To optimize disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with <b>A2103.01</b>.</p>
<b>Other Requirements:</b> <ul style="list-style-type: none"> <li>• Apply up to three (3) applications of <b>A2103.01</b> per year.</li> <li>• A maximum of 17.1 fl. oz. (0.534 lb. prothioconazole) of <b>A2103.01</b> may be applied per acre per year.</li> <li>• Allow a minimum of 7 days from the last application until cutting or swathing the crop for harvest.</li> </ul>			

CROPS	DISEASES CONTROLLED	RATE OF A2103.01 (FL.OZ./ACRE)	APPLICATION DIRECTIONS
<b>Rapeseed Subgroup 20A (including canola and Brassica carinata [*]):</b> Borage[*], Brassica carinata[*], crambe, cuphea[*], echium[*], flax[*], gold of pleasure[*], hare's ear mustard[*], lesquerella[*], lunaria[*], meadow-foam[*], milkweed[*], mustard seed[*], oil radish[*], poppy seed[*], rapeseed, sesame[*], sweet rocket[*], cultivars, varieties, and/or hybrids of these	Sclerotinia Stem Rot White Mold ( <i>Sclerotinia sclerotiorum</i> ) Blackleg (Canola Only) ( <i>Leptosphaeria maculans</i> )	4.3 - 5.7 (0.134 – 0.178 lb. ai)	<p><b>A2103.01</b> may be applied by either ground, aerial or chemigation application equipment. Apply <b>A2103.01</b> 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. Utilize the higher rate for fields with a history of heavy disease pressure or for dense crop stands. Good spray coverage of the plants is essential.</p> <p>A second application may be made after 14 days if conditions remain favorable for continued or increasing disease development.</p> <p><b>A2103.01</b> may be applied until the 50% bloom stage.</p> <p>The lowest labelled rate of a non-ionic surfactant may be tank mixed with <b>A2103.01</b>.</p> <p><b>Blackleg Control in Canola:</b> Apply <b>A2103.01</b> at the 2-4 leaf stage prior to observance of the disease. Use of higher rate is recommended for fields with a history of heavy disease pressure or when a susceptible variety is planted. <b>A2103.01</b> may be used in combination with a</p>

			registered insecticide or herbicide for canola at the 2-4 leaf stage. <b>A2103.01</b> is compatible with most insecticide, fungicide, herbicide and foliar nutrient products. However, the physical compatibility of <b>A2103.01</b> with tank-mix partners should be tested before use.
<b>Other Requirements:</b> <ul style="list-style-type: none"> <li>• Apply up to two (2) applications of <b>A2103.01</b> per year.</li> <li>• A maximum of 11.4 fl. oz. (0.356 lb. prothioconazole) of <b>A2103.01</b> may be applied per acre per year.</li> <li>• Do not apply within 36 days of harvest.</li> </ul> [*Not Registered for Use by California.]			

CROP	DISEASES CONTROLLED	RATE OF A2103.01	APPLICATION DIRECTIONS
Peanut	<b>[*] In-furrow and banded</b> Sclerotium Rot 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 within furrow only)	0.4 fl. oz. per 1,000 row feet (5.7 fl. oz./A) (0.178 lb. ai/A)	<b>A2103.01</b> may be applied by ground, chemigation, or aerial application equipment.  When planting varieties with good to excellent levels of resistance to foliar diseases, the application interval may be extended up to 21 days in the absence of soil borne diseases.  <b>In-furrow and Banded Spray Program:</b> Apply 5.7 fl. oz per acre (0.4 fl. oz per 1000 row feet if on 36-inch row spacing) in the furrow at planting. <b>A2103.01</b> may also be applied in a 4- to 6- inch band over the row at or near emergence. Atticus, LLC recommends a minimum application volume of 20 gpa.
	<b>[*] Soil Borne</b> Sclerotium Rot ( <i>Sclerotium rolfsii</i> ) (White Mold, Southern Blight, Southern Stem Rot) Rhizoctonia Limb Rot, Peg Rot, Pod Rot ( <i>Rhizoctonia solani</i> ) Cylindrocladium Black Rot ( <i>Cylindrocladium crotalariae</i> ) (Suppression Only)	5.7 fl. oz./A (0.178 lb. ai/A)	<b>[*] Foliar Disease Spray Program:</b> Apply the specified rate in a preventive spray schedule. Apply up to four (4) sprays using a 14-day interval. Use the higher use rate when conditions are favorable for severe disease pressure and/or when growing less disease resistant varieties.  <b>[*] Soil-Borne Disease Spray Program:</b> For optimum control of the specified soil-borne diseases, four consecutive applications of <b>A2103.01</b> must be made at 14-day intervals. In a typical 7 spray application program beginning 30-40 days after planting or as recommended by the local Extension Service, <b>A2103.01</b> should be applied for sprays 3, 4, 5 and 6. Applications of fungicides with a different mode of action should be made prior to and following applications of <b>A2103.01</b> to discourage development of resistant strains of fungi. Use <b>A2103.01</b> in conjunction with cultural practices that are known to reduce the severity of soil-borne diseases, such as proper crop rotation practices.
	<b>[*] Foliar</b> Early Leaf Spot ( <i>Cercospora arachidicola</i> ) Late Leaf Spot ( <i>Cercosporidium personatum</i> ) Leaf Rust ( <i>Puccinia arachidis</i> ) Web Blotch ( <i>Phoma arachidicola</i> ) Leaf Scorch and Pepper Spot ( <i>Leptosphaerulina crassiasca</i> )	5.0 – 5.7 fl. oz./A (0.156 – 0.178 lb. ai/A)	

	<b>Banded at 100% Emergence</b> Sclerotium Rot 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>	0.4 fl. oz. per 1,000 row feet (5.7 fl. oz./A)	For control of soil-borne diseases when using a Leaf Spot Advisory Program schedule, apply <b>A2103.01</b> in the first advisory spray in July and continue <b>A2103.01</b> applications at 14- day intervals.  <b>A2103.01</b> must be carried by rainfall or irrigation into the root and pod zone for control of rolfsii and Rhizoctonia solani. Drought conditions will decrease the effectiveness of <b>A2103.01</b> against the root and pod rots.  <b>Banded Spray Program:</b> Apply in a 4 - 6 inch band over the row at 100% emergence.  Trial research conducted to date has used a high carrier volume to ensure thorough coverage of plants and root zone. Atticus, LLC recommends a minimum application volume of 20 GPA.
<b>Other Requirements:</b> <ul style="list-style-type: none"> <li>• Apply up to four (4) applications of <b>A2103.01</b> per year, including the in-furrow and banded applications.</li> <li>• A maximum of 22.8 fl. oz. (0.713 lb. prothioconazole) of <b>A2103.01</b> may be applied per acre per year.</li> <li>• <b>A2103.01</b> may be applied up to 14 days before harvest.</li> <li>• Do not feed hay or threshings or allow livestock to graze in treated areas.</li> </ul> [*Not Registered for Use by California.]			

CROP	DISEASES CONTROLLED	RATE OF A2103.01 (FL. OZ./ACRE)	APPLICATION DIRECTIONS
Rice [*]	<b>Sheath/Stem Diseases</b> Sheath Blight <i>(Rhizoctonia solani)</i> <b>Foliar Diseases</b> Brown Spot <i>(Cochliobolus miyabeanus)</i> Narrow Brown Leafspot <i>(Cercospora oryzae)</i> Leaf Smut <i>(Entyloma oryzae)</i> False smut <i>(Ustilaginoidea virens)</i>	4.5 (0.141 lb. ai)	Application may be made by ground or aerial spray equipment.  Apply <b>A2103.01</b> at initial sign of disease. Exact timing for rice disease control is dependent on rice growth stage, rice variety, the type of disease to be controlled and disease severity. Applications typically will occur from panicle differentiation to late boot. Consult with your local extension personnel or Atticus, LLC representative to determine if treatment is needed.
<b>Other Requirements:</b> <ul style="list-style-type: none"> <li>• Apply only one (1) application of <b>A2103.01</b> per year.</li> <li>• A maximum of 4.5 fl. oz. (0.141 lb. prothioconazole) of <b>A2103.01</b> may be applied per acre per year.</li> <li>• Do not apply <b>A2103.01</b> later than 70% panicle emergence from the boot.</li> <li>• Do not apply within 40 days of harvest.</li> </ul> [*Not Registered for Use by California.]			

CROP	DISEASES CONTROLLED	RATE OF A2103.01 (FL. OZ./ACRE)	APPLICATION DIRECTIONS
Soybean	Asian Soybean Rus ( <i>Phakospora pachyrhizi</i> ) Frog Eye Leaf Spot ( <i>Cercospora sojina</i> ) Powdery Mildew ( <i>Microsphaera diffusa</i> ) Brown Spot [*] ( <i>Septoria glycines</i> )	2.5 - 3.0 (0.078 – 0.094 lb. ai)	<b>A2103.01</b> may be applied by either ground, aerial or chemigation application equipment. For aerial application, apply in a minimum spray volume of 2 gpa. Apply <b>A2103.01</b> as a broadcast, preventative foliar spray or at first visible symptoms of the disease. Repeat applications on a 10- to 21-day spray interval if environmental conditions are favorable for continued disease development. Use of the higher rate and shorter spray intervals are recommended when disease pressure is severe.  <b>[*] In-furrow use:</b> Apply up to 5.0 fl. oz per acre (0.288 fl. oz per 1000 row feet if on 30-inch row spacing; 0.192 fl. oz per 1000 row feet if on a 20-inch row spacing) in the furrow at planting. See <b>Use Directions</b> and rate chart for various row spacing under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.  <b>Sclerotinia Stem Rot (Suppression Only):</b> Apply <b>A2103.01</b> as a broadcast foliar spray at R1 (beginning bloom) when conditions are favorable for disease development. A sequential treatment of <b>A2103.01</b> may be made at R3 - R4 (beginning to full pod). <b>A2103.01</b> may be applied by ground or air. Apply in a minimum of 10 gallons of spray solution per acre by ground sprayer or in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment.
	Alternaria Leaf Spot [*] ( <i>Alternaria</i> spp.) 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 ( <i>Sclerotinia sclerotiorum</i> ) (Suppression Only)	3.0 - 5.0 (0.094 to 0.156 lb. ai)	
	<b>[*] In Furrow</b> Rhizoctonia rots ( <i>Rhizoctonia</i> spp.)	2.6 - 5.0 (0.081 – 0.156 lb. ai)	
	<b>Other Requirements:</b> <ul style="list-style-type: none"><li>Do not make more than three (3) applications per year including all soil and foliar applications.</li><li>Do not apply more than 12.9 fl. oz. (0.403 lb. prothioconazole) of <b>A2103.01</b> per acre per year.</li><li>Applications may not be made within 21 days of harvest.</li></ul> <b>[*Not Registered for Use by California.]</b>		

CROP	DISEASES CONTROLLED	RATE OF A2103.01 (FL. OZ./ACRE)	APPLICATION DIRECTIONS
Sugar beets	<b>Foliar Diseases</b> Cercospora Leaf Spot ( <i>Cercospora beticola</i> ) Powdery Mildew ( <i>Erysiphe polygoni</i> )	5.0 - 5.7 (0.156 – 0.178 lb. ai)	<b>A2103.01</b> may be applied by either ground, aerial or chemigation application equipment.  Repeat applications 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.  To optimize disease control, the lowest labeled rate of a spray surfactant may be tank mixed with <b>A2103.01</b> .  <b>Foliar disease control:</b> Apply <b>A2103.01</b> at the first sign of disease. Use the higher use rate and shorter intervals when conditions are favorable for severe disease pressure and/or when growing less disease resistant varieties.  <b>Soil-borne disease control:</b> Apply <b>A2103.01</b> in a seven-inch band at the 4-leaf to row closure growth stage.  <b>[*] For in-furrow use:</b> apply up to 5.7 fl. oz per acre (0.4 fl. oz per 1000 row feet if on 36-inch row spacing) in the furrow at planting. See use directions and rate chart for various row spacing under the <b>SOILBORNE/SEEDLING DISEASE CONTROL</b> section.
	<b>[*] In Furrow and Banded</b> Rhizoctonia Stem Canker, Root Rot, Crown Rot ( <i>Rhizoctonia solani</i> )	5.7 (0.178 lb. ai)	
<b>Resistance Management:</b> <b>A2103.01</b> is a Group 3 fungicide. To limit the potential for development of disease resistance, alternate every application of <b>A2103.01</b> with a non-Group 3 fungicide.			
<b>Other Requirements:</b> <ul style="list-style-type: none"> <li>• Make up to three (3) applications of <b>A2103.01</b> per year including all soil and foliar applications.</li> <li>• A maximum of 17.1 fl. oz. (0.534 lb. prothioconazole) of <b>A2103.01</b> may be applied per acre per year.</li> <li>• Allow a minimum of 7 days from the last application before harvesting.</li> </ul> [*Not Registered for Use by California]			

CROP	DISEASES CONTROLLED	RATE OF A2103.01 (FL. OZ./ACRE)	APPLICATION DIRECTIONS
Wheat (spring, durum, and winter) Triticale	Fusarium Head Blight ( <i>Fusarium spp.</i> ) (Suppression Only)	5.0 - 5.7 (0.156 – 0.178 lb. ai)	<b>A2103.01</b> may be applied by either ground, aerial or chemigation application equipment.  For aerial application made prior to early flower (prior to Feekes Growth Stage 10.51), apply a minimum of 2 gpa spray solution. For aerial applications made at the early flower growth stage or later, apply in a minimum of 5 gpa spray solution. Chemigation use is allowed only for applications made prior to early flower.  Repeat applications using a 14-day spray interval if conditions remain favorable for continued or increasing disease development. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank mixed with <b>A2103.01</b> .
	<b>Leaf and Stem Diseases</b> Powdery Mildew ( <i>Blumeria graminis</i> f. sp. <i>tritici</i> ) Rusts ( <i>Puccinia spp.</i> ) Septoria Leaf and Glume Blotch ( <i>Septoria tritici</i> ) Stagonospora Blotch ( <i>Stagonospora nodorum</i> ) Tan Spot ( <i>Pyrenophora tritici-repentis</i> )	4.3 - 5.0 (0.134 - 0.156 lb. ai)	<b>Fusarium Head Blight (Suppression Only):</b> The optimal time to apply <b>A2103.01</b> is as a preventative foliar spray at early flower (Feekes Growth Stage 10.51). Spray equipment must be set to provide good coverage to wheat heads. For thorough coverage of the wheat head using ground application equipment, use forward and backward mounted nozzles or nozzles that have a two-directional spray. Operate nozzles within the spray pressure directions suggested by the manufacturer.  <b>Leaf and Stem Diseases:</b> Apply <b>A2103.01</b> as a preventive foliar spray when the earliest disease symptoms appear on the leaves or stems. Wheat fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.
<b>Other Requirements:</b> <ul style="list-style-type: none"><li>• Make up to two (2) applications of <b>A2103.01</b> per year.</li><li>• A maximum of 9.37 fl. oz. (0.293 lb. prothioconazole) of <b>A2103.01</b> may be applied per acre per year.</li><li>• Do not apply within 30 days of harvest.</li></ul>			

CROP	DISEASES CONTROLLED	RATE OF A2103.01	APPLICATION DIRECTIONS
<b>Nursery seedlings</b> of Shortleaf, Loblolly, Slash, Long-leaf and other pines and other conifers and hardwoods	Fusiform rust ( <i>Cronartium quercum</i> f.sp. <i>fusiforme</i> ) Pitch canker ( <i>Fusarium</i> spp.) Rhizoctonia foliar blight ( <i>Rhizoctonia</i> spp.)	5.0 fl. oz/A (0.156 lb. ai/A)	<p><b>Do not use in forest planting or established woodlands.</b></p> <p>The crop safety and mix compatibility on all tree species and in tank-mixes with other products (spray surfactants, fertilizers, insecticides, etc.) has not been confirmed. Atticus, LLC recommends small scale testing with your planned use pattern. The user assumes all risks with the use of this product on trees.</p> <p><b>Tree Seedling:</b>  <b>Foliar disease control:</b> Apply <b>A2103.01</b> preventatively or at the first sign of disease using ground equipment only. Repeat applications as needed using a 14- to 21-day spray interval depending on your region. Consult your local extension agent on locally recommended spray intervals. Use shorter intervals when conditions are favorable for severe disease pressure and/or when growing less disease resistant varieties. To optimize disease control, the lowest labeled rate of a spray surfactant may be tank-mixed with <b>A2103.01</b>. A maximum off 25 fl. oz (0.781 lbs. prothioconazole) of <b>A2103.01</b> may be applied per acre per crop year.</p>
<b>Nursery seeds</b> of Shortleaf, Loblolly, Slash, Longleaf and other pines and other Conifers and Hardwoods	Fusiform rust ( <i>Cronartium quercum</i> f.sp. <i>fusiforme</i> ) Pitch canker ( <i>Fusarium</i> spp.)	10 fl. oz. per 50 lbs. Seed (0.313 lb. ai)	<p><b>Tree Seed Treatment:</b>  Apply specified dosage to seed in a commercial treater or other suitable tumbler apparatus. Allow to mix for at least 10 minutes. Thoroughly air dry before sowing. Do not use treated seed for food or feed purposes. Seed that has been treated with this product that is then packaged or bagged for future use must contain the following labeling on the outside of the seed package or bag: "This seed has been treated with prothioconazole. Treated Seed - Do not Use for Food, Feed, or Oil Purposes. When opening this bag or loading/pouring the treated seed, wear a long-sleeved shirt, long pants, shoes, socks, and chemical resistant gloves. After the seeds have been planted, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.  <b>Exception:</b> Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the treated seeds in the soil or planting media.</p>

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### CONTAINER HANDLING:

**[For plastic containers ≤ 5 gallons: Nonrefillable Container:** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.]

**[For plastic containers > 5 gallons: Nonrefillable container:** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Recap 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 if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.]

## LIMITATION OF WARRANTY AND LIABILITY

**IMPORTANT: READ BEFORE USE.** Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following 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. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. 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, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. 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, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

[A2103.01 is a trademark of Atticus, LLC]

[Proline® is a registered trademark of Bayer CropScience, or an affiliate.]



## {LANGUAGE ON LABEL AFFIXED TO CONTAINER}

PROTHIOCONAZOLE	GROUP	3	FUNGICIDE
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**A2103.01<sup>[TM]</sup>**

[Alternate Brand Name: Provixio 480 SC, Avixio D-342]

[Contains prothioconazole, the active ingredient used in Proline® 480 SC].

[For control of specified diseases on listed crops]

**ACTIVE INGREDIENT:** ( % by weight)

Prothioconazole, 2-[2-(1-Chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione.....41.0%

OTHER INGREDIENTS: .....59.0%

TOTAL .....100.0%

Contains 4 lbs. of Prothioconazole per gallon.

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

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

FIRST AID	
If swallowed:	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</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 mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further 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 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If in eyes:	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 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>
NOTE TO PHYSICIAN	
No specific antidote. Treat symptomatically.	
HOT LINE 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 SafetyCall at 1-844-685-9173 for emergency medical treatment information.	

### For Chemical Emergency:

**Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night**  
**Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)**

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

##### CAUTION

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

**ENVIRONMENTAL HAZARDS:** This product is toxic to estuarine/marine invertebrates, and freshwater/estuarine/marine 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.

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

This product may impact surface water quality due to runoff 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.

**PHYSICAL-CHEMICAL HAZARDS:** Do not mix or allow coming in contact with Oxidizing agents. Hazardous Chemical reaction may occur.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### CONTAINER HANDLING:

**[For plastic containers ≤ 5 gallons: Nonrefillable Container:** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.]

**[For plastic containers > 5 gallons: Nonrefillable container:** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Recap 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 if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.]

See inside label booklet for additional Precautionary Statements and Directions for Use.

[A2103.01 is not manufactured, or distributed by Bayer CropScience, seller of Proline® 480 SC].

Manufactured for:  
**Atticus, LLC**  
940 NW Cary Parkway, Suite 200  
Cary, NC 27513

**EPA Reg. No.: 91234-XX**  
**EPA Est. No.: \_\_\_\_\_**  
**NET CONTENTS: \_\_\_\_\_**

{Note to reviewer: [Text] in brackets denotes optional or explanatory language}  
{Note to reviewer: {Text} in braces denotes where in the final label text will appear}  
{BOOKLET FRONT PANEL LANGUAGE}  
[Sublabel B: Seed Treatment Uses]

PROTHIOCONAZOLE	GROUP	<b>3</b>	FUNGICIDE
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**A2103.01** [™]

[Alternate Brand Name: Provixio 480 SC, Avixio D-342]

[Contains prothioconazole, the active ingredient used in Acceleron® D-342].

[For control of specified diseases on listed crops]

ACTIVE INGREDIENT:	(% by weight)
Prothioconazole, 2-[2-(1-Chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione.....	41.0%
OTHER INGREDIENTS: .....	59.0%
TOTAL .....	100.0%

Contains 4 lbs. of Prothioconazole per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

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

[See inside label booklet for First Aid, [additional] Precautionary Statements, and Directions for Use.]

[See back panel for First Aid, [additional] Precautionary Statements, and Directions for Use.]

[See below for additional Precautionary Statements]

[A2103.01 is not manufactured, or distributed by Bayer CropScience, seller of Acceleron® D-342].

EPA Reg. No.: 91234-XX

EPA Est. No.:

Net Contents:

Manufactured for:

**Atticus, LLC**

940 NW Cary Parkway, Suite 200

Cary, NC 27513

## {LANGUAGE INSIDE BOOKLET}

FIRST AID	
<b>If swallowed:</b>	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</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 mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further 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 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</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 15-20 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>
NOTE TO PHYSICIAN	
No specific antidote. Treat symptomatically.	
HOT LINE 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 SafetyCall at <b>1-844-685-9173</b> for emergency medical treatment information.	

**For Chemical Emergency:**  
**Spill, Leak, Fire, Exposure, or Accident,**  
**Call CHEMTREC Day or Night**  
**Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)**

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

### **CAUTION**

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

### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material including barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, Viton ≥ 14 mils.
- Shoes plus socks

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

## Engineering Controls

When 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 product is toxic to estuarine/marine invertebrates, and freshwater/estuarine/marine 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.

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

This product may impact surface water quality due to runoff 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.

## PHYSICAL-CHEMICAL HAZARDS

Do not mix or allow coming in contact with Oxidizing agents. Hazardous Chemical reaction may occur.

## DIRECTIONS FOR USE

**It is a violation of federal law to use this produce in a manner inconsistent with its labeling.**

For use only in commercial seed treatment equipment. Do not use in hopper box, planter box, slurry box, or other on-farm seed treatment applications.

## PRODUCT INFORMATION

**A2103.01:** Is a broad-spectrum systemic seed treatment fungicide for the control of Ascomycete, Basidiomycete and Deuteromycete diseases in a variety of crops including alfalfa, barley, buckwheat, cotton, dried shelled pea and bean (except for soybean) subgroup, millet (Pearl & Proso), oats, rice, rye, sorghum, soybeans, triticale, and wheat.

## APPLICATION INSTRUCTIONS

- [A2103.01 provides control or suppression of many important diseases of alfalfa, barley, buckwheat, cotton, dried shelled pea and bean (except for soybean) subgroup, millet (Pearl & Proso), oats, rice, rye, sorghum, soybeans, triticale, and wheat.]
- Apply using standard slurry or mist-type seed treatment equipment. Uniform application of seed is necessary to ensure seed safety and best disease protection. Product should be diluted with sufficient water to ensure complete seed coverage. Consult a seed treatment specialist regarding slurry rates recommended for the crop

- to be treated with **A2103.01**. For best results, apply to high quality, properly cleaned seed.
- When reference is made to disease suppression, suppression can mean either erratic control from good to fair or consistent control at a level below that obtained with the best commercial disease control products.
- Under conditions conducive to extended infection periods or high disease pressure, additional fungicide applications beyond the number allowed by this label may be needed. Under these conditions use another fungicide registered for the crop/disease.
- Equipment must be properly calibrated before use.

#### **USE RESTRICTIONS**

- Do not use in hopper box, planter box, slurry box, or other on-farm seed treatment applications.
- This product does not contain colorant. The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21CFR, part 2.25. Any colorant added to treated seed must be cleared for use under 40CFR, Part 153.155.
- [In California - Registered only for use in commercial seed treating establishments. Do not use for "on-farm" use.]
- Store treated seeds away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seed.
- Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves when handling treated seed.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Dispose of all excess treated seed. Leftover treated seed may be buried away from water sources in accordance with local requirements.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Treated seed must be adequately covered with soil at planting. Plant at a minimum depth of ½ inch.
- Dispose of seed packaging or containers in accordance with local requirements. Do not use empty seed bags for any other purpose.
- To reduce seed dust which can drift onto blooming crops or weeds, ensure that planting equipment is functioning properly in accordance with manufacturer's recommendations. Surplus seed or empty seed containers must be stored or disposed according to local federal regulations.
- After the seeds have been planted, do not enter or allow worker entry into the treated areas during the restricted-entry interval (REI) of 12 hours. Exception: Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the treated seeds in the soil or with the planting media.

Refer to the specific use directions and restrictions in each Crop, Crop Group or Crop Subgroup table.

#### **ROTATIONAL RESTRICTIONS**

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

## RESISTANCE MANAGEMENT

For resistance management, **A2103.01** contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to **A2103.01** and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance, take the following steps:

- Rotate the use of **A2103.01** or other Group 3 fungicides within a growing season with different groups that control the same pathogens.
- Use tank mixtures with fungicides 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, 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.
- 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 Atticus, LLC at 984-465-4800.

## SPECIFIC CROP USE DIRECTIONS

### APPLICATION DIRECTIONS FOR SEED TREATMENT

ALFALFA [*]				
DISEASES CONTROLLED	RATE OF A2103.01			
Seed rot and damping-off caused by <i>Rhizoctonia</i>	Seeds/lb.	Seeds/A	Fl. oz/100 lbs. seed	Mg ai/seed
	213,000	3,405,000	0.48	0.0003
<ul style="list-style-type: none"> <li>• If using a seeding rate of 3,405,000 seeds per acre, the maximum annual application rate for alfalfa seed treatment is 0.002 lb. ai/A.</li> </ul>				
[*Not Registered for use by California.]				

BEANS AND PEAS (DRIED) INCLUDING SOYBEAN (CROP GROUP 6C) [*]					
Soybean, Adzuki Bean, Black-eyed Pea, Broad Bean, Catjang, Chickpea, Cowpea, Crowder Pea, Field Bean, Field Pea, Guar, Kidney Bean, Lablab Bean, Lentil, Lima Bean, Moth Bean, Mung Bean, Navy Bean, Pigeon Pea, Pinto Bean, Rice Bean, Southern Pea, Tepary Bean, Urd Bean					
DISEASES CONTROLLED	CROPS	RATE OF A2103.01			
		Seeds/lb <sup>1</sup> .	Seeds/A	Fl. oz/100 lbs. Seed	Mg ai/Seed
Seed rot and damping-off caused by <i>Rhizoctonia</i> , <i>Fusarium</i> ; Seed Decay	Beans and peas, dry	1,307	130,680	0.16 - 0.32	0.017 – 0.035
	Soybean	3,000	250,000	0.16 - 0.32	0.008 - 0.015
<ul style="list-style-type: none"> <li>• The maximum annual application rate for prothioconazole on beans and peas (dried) is 0.534 lb. ai/A per year for all methods of application, including foliar and seed treatment.</li> <li>• The maximum annual application rate for prothioconazole on soybeans is 0.53 lb. ai/A per year for all methods of application, including foliar and seed treatment.</li> </ul>					
<sup>1</sup> Seed/lb. values based on averages.					
[*Not Registered for use by California.]					

CEREAL GRAINS [*]					
Barley, Buckwheat, Millet (Pearl and Proso), Oats, Rye, Triticale, Wheat, Corn and Rice (see <b>Corn</b> and <b>Rice</b> tables)					
DISEASES CONTROLLED	CROPS	RATE OF A2103.01			
		Seeds/lb. <sup>1</sup>	Seeds/A	Fl. oz./100 lbs. Seed	Mg ai/Seed
Common bunt; Covered smut; False loose smut; Flag smut; Leaf stripe; Loose smut; Stinking smut; Stem smut; True loose smut; Seed rot, pre-emergence damping-off; and seedling blight caused by soilborne <i>Rhizoctonia solani</i> , <i>Fusarium</i> , <i>Cochliobolus</i> ; Seed decay; Common root rot, foot rot, and crown rot (Early season suppression); Rust, Septoria and powdery mildew (Early season suppression)	Barley	11,700	921,200	0.16 – 0.80	0.002 – 0.010
	Buckwheat	12,907	696,960	0.16 - 0.80	0.002 – 0.010
	Millet (Pearl)	212,500	1,700,000	0.16 – 0.80	0.0001 - 0.0005
	Millet (Proso)	58,334	1,400,000	0.16 – 0.80	0.0004 – 0.002
	Oats	15,572	1,170,000	0.16 – 0.80	0.0014 - 0.007
	Rye	22,500	1,620,000	0.16 – 0.80	0.001 – 0.005
	Triticale	18,840	1,653,000	0.16 – 0.80	0.0012 - 0.006
	Wheat	13,775	1,500,000	0.16 – 0.80	0.0016 – 0.008
<b>Note:</b> <ul style="list-style-type: none"> <li>The maximum annual application rate for prothioconazole on buckwheat, millet (pearl and proso), oats, and rye is 0.178 lb. ai/A per year for all methods of application, including foliar and seed treatment.</li> <li>The maximum annual application rate for prothioconazole on barley, triticale and wheat is 0.293 lb. ai/A per year for all methods of application, including foliar and seed treatment.</li> <li>For environments with Pythium pressure, combine <b>A2103.01</b> with a flowable seed treatment fungicide containing metalaxyl at rates recommended on label.</li> </ul> <sup>1</sup> Seed/lb. values based on averages. [*Not Registered for use by California.]					

COTTON					
DISEASES CONTROLLED	RATE OF A2103.01				
	Seeds/lb.	Seeds/A	Fl. oz./100 lbs. Seed <sup>1</sup>	Fl. oz./100,000 lbs. Seed	Mg ai/seed
Seedborne decay caused by <i>Fusarium</i> spp., <i>Aspergillus</i> spp., <i>Cladosporium</i> spp., <i>Penicillium</i> spp., <i>Alternaria</i> spp. Soilborne seedling disease caused by <i>Fusarium</i> spp., <i>Rhizoctonia solani</i>	4,500	85,000	0.15 – 0.40	0.035 – 0.090	0.005 – 0.013
Seedling disease caused by heavy infestations of <i>Fusarium</i> spp. and <i>Rhizoctonia solani</i>	4,500	85,000	0.40 – 0.81	0.090 – 0.18	0.013 – 0.026
<b>Crop Specific Directions and Restrictions:</b> <ul style="list-style-type: none"> <li>The maximum annual application rate for prothioconazole on cotton is 0.534 lb. ai/A per year for all methods of application, including foliar and seed treatment.</li> </ul> <sup>1</sup> Application rate specified for planting rate range of 29,000 - 85,000 cotton seed per acre					

<b>CORN[*]</b> (Field Corn, Field Corn Grown for Seed, Popcorn, and Sweet Corn)						
<b>DISEASES CONTROLLED</b>	<b>RATE OF A2103.01</b>					
	<b>CROPS</b>	<b>Seeds/lb.<sup>1</sup></b>	<b>Seeds/A</b>	<b>Fl. oz/100 lbs. seed</b>	<b>Fl. oz/80,000 seed unit</b>	<b>Mg ai/seed</b>
To aid in the control or suppression of seedborne disease a seedling disease caused by <i>Fusarium</i> spp. and <i>Rhizoctonia solani</i>	Field Corn, Field Corn Grown for seed	1,681	40,250	0.08 – 0.8	0.038 – 0.381	0.007 - 0.067
	Popcorn	3,061	30,000	0.08 – 0.8	0.021 – 0.210	0.004 - 0.037
	Sweet Corn	3,150	59,739	0.08 – 0.8	0.020 – 0.203	0.004 - 0.036
For the suppression of late season stalk diseases caused by <i>Fusarium</i> spp. Assists in control of seedborne and soilborne <i>Sphacelotheca reiliana</i> .	Field Corn, Field Corn Grown for seed	1,681	40,250	0.96 – 3.83	0.457 – 1.824	0.081 – 0.323
	Popcorn	3,061	30,000	0.96 – 3.83	0.251 – 1.001	0.044 – 0.177
	Sweet Corn	3,150	59,739	0.96 – 3.83	0.244 – 0.973	0.043 – 0.172
<ul style="list-style-type: none"> <li>The maximum annual application rate for prothioconazole on corn (field, pop and sweet) is 0.713 lb. ai/A per year for all methods of application, including foliar and seed treatment.</li> </ul> <sup>1</sup> Seed/lb. values based on averages for Field Corn, Popcorn, and Sweet Corn [*Not Registered for use by California.]						

<b>RICE [*]</b>				
<b>DISEASES CONTROLLED</b>	<b>RATE OF A2103.01</b>			
	<b>Seeds/lb.<sup>1</sup></b>	<b>Seed/A</b>	<b>Fl. oz/100 lbs. Seed</b>	<b>Mg ai/Seed</b>
Seed rot and damping-off caused by <i>Rhizoctonia</i> and <i>Fusarium</i> ; Seed decay	21,850	2,438,360	0.16 - 0.32	0.001 – 0.002
<b>Notes and Restrictions:</b> <ul style="list-style-type: none"> <li>The maximum annual application rate for prothioconazole on rice is 0.141 lb. ai/A per year for all methods of application, including foliar and seed treatment.</li> <li>Do not plant treated rice seed directly into a flooded field. Do not soak treated rice seed.</li> </ul> <sup>1</sup> Seed/lb. values based on averages. [*Not Registered for use by California.]				

<b>SORGHUM [*]</b>					
<b>DISEASES CONTROLLED</b>	<b>RATE OF A2103.01</b>				
	<b>Seeds/lb.</b>	<b>Seed/A</b>	<b>Fl. oz/100 lbs. seed</b>	<b>Fl. oz/100,000 seeds</b>	<b>Mg ai/seed</b>
Seedborne and soilborne fungi which cause seed decay, damping-off and seedling blight including the following: <i>Fusarium</i> spp.; <i>Aspergillus</i> spp.; <i>Alternaria</i> spp.; <i>Cladosporium</i> spp.; <i>Penicillium</i> spp.	11,000	25,000 - 100,000	0.08 – 0.32	0.007 – 0.029	0.0010 – 0.0041
	25,000	25,000 - 100,000	0.08 – 0.32	0.003 - 0.013	0.0005 – 0.0018
<b>Crop Specific Directions and Restrictions:</b> <ul style="list-style-type: none"> <li>If using a seeding rate of 25,000 seeds per acre, the maximum yearly application rate for sorghum seed treatment is 0.0001 lb. ai/A.</li> <li>If using a seeding rate of 100,000 seeds per acre, the maximum yearly application rate for sorghum seed treatment is 0.0009 lb. ai/A.</li> <li>Plant treated sorghum seed at a minimum depth of ½ inch.</li> </ul> [*Not Registered for use by California.]					



### SEED BAG TAG

The Federal Seed Act requires that the container of seed treated with **A2103.01** must be labeled with the following statements:

- This seed has been treated with **A2103.01**, A fungicide containing Prothioconazole.
- Do not use treated seed for food, feed, or oil production.

In addition, the following statements are required on the container of seed treated with **A2103.01**:

- Treated areas may be replanted with any crop specified on this label as soon as practical after last application. For crops not listed on this label, do not plant back within 30 days of last application.
- Store treated seeds away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seed.
- When opening this bag or loading/pouring the treated seed/seed-pieces, wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves when handling treated seed. (additional coveralls required for treatment of corn seeds.)
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting. (such as in row ends)
- DO NOT plant treated seed by broadcasting to the soil surface. Ensure that all planted seeds are thoroughly incorporated by the planter during planting, additional incorporation may be required to thoroughly cover exposed seeds.
- Dispose of all excess treated seed. Leftover treated seed may be buried away from water sources in accordance with local requirements.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Treated at manufacturer's recommended rate
- Plant treated seed into the soil to a minimum depth of ½ inch or greater to minimize exposure.
- Dispose of seed packaging or containers in accordance with local requirements. Do not use empty seed bags for any other purpose.
- To reduce seed dust which can drift onto blooming crops or weeds, ensure that planting equipment is functioning properly in accordance with manufacturer's recommendations. Surplus seed or empty seed containers must be stored or disposed according to local federal regulations.
- After the seeds have been planted, do not enter or allow worker entry into the treated areas during the restricted-entry interval (REI) of 12 hours. Exception: Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the treated seeds in the soil or with the planting media.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### CONTAINER HANDLING:

**[For plastic containers ≤ 5 gallons: Nonrefillable Container:** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.]

**[For plastic containers > 5 gallons: Nonrefillable container:** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Recap 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 if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.]

### [Dilutable Seed Treatment Products in Non-Refillable Plastic Containers]

**[Rigid, Non-refillable containers ≤ 5 gallons: Non-refillable container:** Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 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.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.]

### [Dilutable Seed Treatment Products in Non-Refillable Metal Containers]

**[Nonrefillable container:** Do not reuse or refill this container. After emptying product from container, either return container to Atticus, LLC per instructions from Atticus, LLC Customer Service (984-465-4800), or rinse and either recycle or dispose of the container as follows:]

**[Liquid dilutables in containers small enough to shake ≤ 5 gallons:** 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.]

**[Solid dilutables in containers small enough to shake (5 gallons or 50 pounds or less)** Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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.]

**[Any dilutable pesticides in containers too large to shake (larger than 5 gallons or 50 pounds)** 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. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.]

**[Non-Dilutable Seed-Treatment Products in Non-Refillable Containers]**

**[Seed-Treatment Products in Non-Refillable Fiber Drums with Liners: Non-refillable container:** Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment, then offer for recycling if available or dispose of in a sanitary landfill or by incineration. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.]

**[Seed-Treatment Products in Non-rigid, Non-Refillable Containers: Nonrefillable container:** Do not reuse or refill this container. Completely empty container into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill or by other procedures approved by state and local authorities.]

**LIMITATION OF WARRANTY AND LIABILITY**

**IMPORTANT: READ BEFORE USE.** Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following 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. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. 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, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. 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, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

[A2103.01 is a trademark of Atticus, LLC]

[Acceleron® D-342 is a registered trademark of Bayer Cropscience, or an affiliate.]

{LANGUAGE ON LABEL AFFIXED TO CONTAINER}

PROTHIOCONAZOLE	GROUP 3	FUNGICIDE
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A2103.01[™]

[Alternate Brand Name: Provixio 480 SC, Avixio D-342]

[Contains prothioconazole, the active ingredient used in Acceleron® D-342].

[For control of specified diseases on listed crops]

ACTIVE INGREDIENT: (% by weight)

Prothioconazole, 2-[2-(1-Chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione.....	41.0%
OTHER INGREDIENTS: .....	59.0%
TOTAL .....	100.0%

Contains 4 lbs. of Prothioconazole per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

FIRST AID	
If swallowed:	<ul style="list-style-type: none"><li>Immediately call a poison control center or doctor for treatment advice.</li><li>Have person sip a glass of water if able to swallow.</li><li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>Do not give anything by mouth to an unconscious person.</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 mouth-to-mouth, if possible.</li><li>Call a poison control center or doctor for further 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 15-20 minutes.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
If in eyes:	<ul style="list-style-type: none"><li>Hold eye open and rinse slowly and gently with water for 15-20 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>
NOTE TO PHYSICIAN	
No specific antidote. Treat symptomatically.	
HOT LINE 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 SafetyCall at 1-844-685-9173 for emergency medical treatment information.	

For Chemical Emergency:

Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION

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

**ENVIRONMENTAL HAZARDS:** This product is toxic to estuarine/marine invertebrates, and freshwater/estuarine/marine 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.

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

**PHYSICAL-CHEMICAL HAZARDS:** Do not mix or allow coming in contact with Oxidizing agents. Hazardous Chemical reaction may occur.

STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

[For plastic containers ≤ 5 gallons: Nonrefillable Container: Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.]

[For plastic containers > 5 gallons: Nonrefillable container: Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Recap 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 if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.]

[Dilutable Seed Treatment Products in Non-Refillable Plastic Containers]

[Rigid, Non-refillable containers ≤ 5 gallons: Non-refillable container: Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 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.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.]

[Dilutable Seed Treatment Products in Non-Refillable Metal Containers]

[Nonrefillable container: Do not reuse or refill this container. After emptying product from container, either return container to Atticus, LLC per instructions from Atticus, LLC Customer Service (984-465-4800), or rinse and either recycle or dispose of the container as follows:]

**[Liquid dilutables in containers small enough to shake ≤ 5 gallons:** 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.]

**[Solid dilutables in containers small enough to shake (5 gallons or 50 pounds or less)** Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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.]

**[Any dilutable pesticides in containers too large to shake (larger than 5 gallons or 50 pounds)** 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. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.]

**[Non-Dilutable Seed-Treatment Products in Non-Refillable Containers]**

**[Seed-Treatment Products in Non-Refillable Fiber Drums with Liners: Non-refillable container.**

Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment, then offer for recycling if available or dispose of in a sanitary landfill or by incineration. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.]

**[Seed-Treatment Products in Non-rigid, Non-Refillable Containers: Nonrefillable container.**

Do not reuse or refill this container. Completely empty container into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill or by other procedures approved by state and local authorities.]

See inside label booklet for additional Precautionary Statements and Directions for Use.

[A2103.01 is not manufactured, or distributed by Bayer CropScience, seller of Acceleron® D-342].

Manufactured for:

**Atticus, LLC**

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Cary, NC 27513

**EPA Reg. No.: 91234-XX**

**EPA Est. No.: \_\_\_\_\_**

**NET CONTENTS: \_\_\_\_\_**

{Optional Marketing graphics}

