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

NOTICE OF PESTICIDE:
_X_ Registration
___ Reregistration
(under FIFRA, as amended)

EPA Reg. Number:	**Date of Issuance:**
103087-3	6/12/25

Term of Issuance:
Unconditional

Name of Pesticide Product:
HARQUEBUS Plus SC

Name and Address of Registrant (include ZIP Code):

Longwind Cropscience USA LLC
c/o REACH24H USA INC.
1207 DELAWARE AVE, SUITE 886
WILMINGTON, DE 19806

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.

Continues page 2

Signature of Approving Official:

Kristy Crews

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

Date:
6/12/25

EPA Form 8570-6

2. Make the following label changes before you release the product for shipment:

    - Revise the EPA Registration Number to read, “EPA Reg. No. 103087-3.”

3. 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 07/16/2024

If you have any questions, please contact Thomas Harty at 202-566-0394 or at harty.thomas@epa.gov.

Enclosure- Stamped Label

GROUP 3 FUNGICIDE

HARQUEBUS Plus SC

For control of specified diseases on various crops.

Active Ingredients: Prothioconazole, 2-[2-(1-Chlorocyclopropyl)-3-(2-chlorophenyl) -2-hydroxypropyl]-1, 2-dihydro-3*H*-1, 2, 4-triazole-3-thione	19.0%
Tebuconazole, alpha-[2-(4-chlorophenyl) ethyl]-alpha-(1, 1-dimethylethyl)-1*H*-1, 2, 4-triazole-1-ethanol	19.0%
Other Ingredients	62.0%
TOTAL:	100.0%

Contains 1.76 lbs/gal of prothioconazole plus 1.76 lbs/gal of tebuconazole

EPA Reg. No. 103087- **EPA Est. 95055-CHN-001**

NET CONTENTS:

PRODUCED FOR: Longwind Cropscience USA LLC

1207 DELAWARE AVE, SUITE 886, WILMINGTON, DE 19806, UNITED STATES

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

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
For 24-Hour Medical Emergency Assistance (Human or Animal), call: 1-800-222-1222.
For Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), call CHEMTREC: 1-800-424-9300.

FIRST AID

IF SWALLOWED:	• Call a poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Have person sip a glass of water if able to swallow. • Do not give anything to an unconscious person.
IF INHALED:	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
NOTE TO PHYSICIAN: No specific antidote. Treat symptomatically.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. 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 such as Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Polyvinyl Chloride (PVC) ≥ 14 mils, or Viton ≥ 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 remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to mammals, fish, aquatic invertebrates, and freshwater/estuarines/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. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

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

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

DIRECTIONS FOR USE

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

RESTRICTIONS:

Do not apply prothioconazole with mechanically pressurized handgun equipment to orchards or vineyards (Bushberry subgroup 13-07B, Low growing berry subgroup, except strawberry subgroup 13-07H), field crops (Cucurbit Vegetables (Crop Group 9), Com, sweet, Garbanzos (including chickpeas); Lentils) or nursery pine and conifer seedlings (Shortleaf loblolly, Slash, Longleaf and other pines, other conifers, other hardwoods).

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 (REI). 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 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 such as Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Polyvinyl Chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils.
- Shoes plus socks

PRODUCT INFORMATION

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

Resistance Management Statement

For resistance management, HARQUEBUS Plus SC contains Group 3 (prothioconazole and tebuconazole) fungicides. Any fungal population may contain individuals naturally resistant to HARQUEBUS Plus SC and other Group 3 (prothioconazole and tebuconazole) fungicides. A gradual or total loss ofpest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

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

• Rotate the use of HARQUEBUS Plus SC or other Group 3 (prothioconazole or tebuconazole) fungicides within a growing season sequence with different groups that control the same pathogens.

• Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.

• Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.

• Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.

• Monitor treated fungal/bacterial populations for resistance development.

• Contact your local extension specialist 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 lack of performance or suspected resistance, contact Longwind Cropscience at +86-21-64881723. You can also contact your pesticide distributor or university extension specialist to report resistance.

Spray Equipment/Volumes

HARQUEBUS Plus SC may be applied by either ground, aerial and/or chemigation application equipment. Equipment must be properly calibrated before use.

For ground application, apply in a minimum of 10 gallons of spray solution per acre. For aerial application, apply in a minimum of 2 gallons of spray solution per acre unless stated differently in the USE DIRECTIONS FOR SPECIFIC CROPS section. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied. If necessary, increase the spray volume per acre for complete crop coverage.

Mixing Procedures

Prepare no more spray mixture than is necessary for the immediate operation. Thoroughly clean spray equipment before using this product. Maintain maximum agitation throughout the spray operation. Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to the previously treated area or dispose of the rinsate according to local regulations. Do not tank mix with products containing a prohibition against tank mixing. Follow the most restrictive labeling requirements of any tank mix product.

HARQUEBUS Plus SC Alone: Add ½ of the required amount of water to the mix tank. With the agitator running, add the HARQUEBUS Plus SC 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.

HARQUEBUS Plus SC + 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.

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

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

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

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

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

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

Chemigation Application: Apply HARQUEBUS Plus SC through irrigation equipment only to crops for which chemigation is specified on this label.

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

Operating Instructions

1. The system must contain a functional check-valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.

2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.

3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

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

5. The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

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 for treatment.

Center Pivot Irrigation Equipment

Notes: (1) Use only with drive systems, which provide uniform water distribution. (2) Do not use end guns when chemigation HARQUEBUS Plus SC 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 HARQUEBUS Plus SC through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity. Using water, determine the injection pump output when operated at normal line pressure. Determine the amount of HARQUEBUS Plus SC required to treat the area covered by the irrigation system. Add the required amount of HARQUEBUS Plus SC 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 HARQUEBUS Plus SC solution. Time the injection to last at least as long as it takes to bring the system to full pressure. Maintain constant solution tank agitation during the injection period. Continue to operate the system until the HARQUEBUS Plus SC solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

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

Adjuvants: HARQUEBUS Plus SC is recommended to be used with a registered non-ionic surfactant at the lowest specified labeled rate for most uses. Refer to the USE DIRECTIONS FOR SPECIFIC CROPS for adjuvant recommendations on corn.

SPRAY DRIFT ADVISORIES

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

Importance of Droplet Size

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

- Controlling Droplet Size - Ground Boom

• Volume -Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.

• Pressure -Use the lowest spray pressure specified for the nozzle to produce the target spray volume and droplet size.

• Spray Nozzle -Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

- Controlling Droplet Size - Aircraft

• Adjust Nozzles - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, orient nozzles parallel with the airflow in flight.

Boom Height - Ground Boom

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

Release Height - Aircraft

Higher release heights increase the potential for spray drift.

Shielded Sprayers

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

Temperature And Humidity

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

Temperature Inversions

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

Wind

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Handheld Technology Applications

Take precautions to minimize spray drift.

ROTATIONAL RESTRICTIONS

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

USE DIRECTIONS FOR SPECIFIC CROPS

HARQUEBUS Plus SC provides control or suppression of many important diseases of barley, corn (field corn, popcorn, and sweet corn), peanut, and wheat. When reference is made to disease suppression, suppression can mean either erratic control from good to fair or consistent control at a level below that obtained with the best commercial disease control products.

<table>
<tr><th colspan="3">APPLICATION DIRECTIONS</th></tr>
<tr><th>CROP</th><th>DISEASE CONTROLLED</th><th>RATE OF HARQUEBUS Plus SC</th></tr>
<tr><td>Barley</td><td>Fusarium Head Blight (Suppression)
(Fusarium spp.)

Leaf and Stem Diseases
Net Blotch
(Pyrenophora teres)

Powdery Mildew
(Blumeria graminis f. sp. hordei)

Scald
(Rhynchosporium secalis)

Spot Blotch
(Bipolaris sorokiniana)

Rusts (Puccinia spp.)</td><td>6.5 - 8.2 fl oz per acre
(0.09 - 0.11 lbs a.i./A per active ingredient)</td></tr>
<tr><td></td><td colspan="2">Application Directions: Straw cut after harvest may be fed or used for bedding.

Spray Equipment/Volumes: HARQUEBUS Plus SC may be applied by either ground, aerial or chemigation application equipment. For ground applications, apply a minimum of 10 gpa spray solution. For aerial applications, apply a minimum of 2 gpa spray solution. When applied through chemigation, large carrier volumes may result in reduced activity against Fusarium head blight.
Disease Control:
Fusarium Head Blight (Suppression Only):
The optimal time to apply HARQUEBUS Plus SC is as a preventative foliar spray when barley heads on the main stem are fully emerged (~ Feekes Growth Stage 10.5). Spray equipment must be set to provide good coverage of barley heads. For thorough coverage of the barley head using ground application equipment, use forward, forward and backward mounted nozzles, or nozzles that have a two-directional spray. Nozzles should be operated within the spray pressure directions suggested by the manufacturer. For aerial applications, apply a minimum of 5 gpa spray solution.

Leaf and Stem Diseases:
Apply HARQUEBUS Plus SC as a preventive foliar spray when the earliest disease symptoms appear on the leaves and stems. Barley fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.

For optimum disease control, the lowest specified rate of a spray surfactant should be tank-mixed with HARQUEBUS Plus SC.</td></tr>
<tr><td colspan="3">Restrictions: Do not apply more than 8.2 fl oz of HARQUEBUS Plus SC per acre per crop year. Do not apply within 30 days of harvest. Grazing livestock or feeding of green forage is only permitted 6 or more days after the last application of HARQUEBUS Plus SC.</td></tr>
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<tr><th>CROP</th><th>DISEASE</th><th>RATE OF HARQUEBUS Plus SC</th></tr>
<tr><td rowspan="2">Corn[1]
(field corn, popcorn and sweet corn)</td><td>Anthracnose
(Colletotrichum graminicola)

Eye spot
(Aureobasidium zeae)

Gray leaf spot
(Cercospora zeae-maydis)

Northern corn leaf blight
(Setosphaeria turcica)*

Northern corn leaf spot
(Cochliobolus carbonum)*

Rust
(Puccinia spp.)

Southern corn leaf blight
(Cochliobolus heterostrophus)*

*The above diseases are also known as Helminthosporium leaf blights</td><td>6.5 fl oz per acre
(0.09 lbs a.i./A per active ingredient)</td></tr>
<tr><td colspan="2">Application Directions:
Spray Equipment/Volumes: HARQUEBUS Plus SC may be applied by either ground, aerial or chemigation application equipment. For ground applications, apply a minimum of 10 gpa spray solution. For aerial applications, apply a minimum of 2 gpa spray solution.

Adjuvants: Under some conditions, the lowest specified labeled rate of a spray adjuvant may be tank-mixed with HARQUEBUS Plus SC to improve performance.

Disease Control: Apply HARQUEBUS Plus SC when disease first appears. In sweet corn, continue applications on a 5- to 14-day interval if favorable conditions for disease development persist. In all other corn, continue applications on a 7- to 14-day interval if favorable conditions for disease development persist. Application of HARQUEBUS Plus SC is not recommended at times when corn is under severe environmental stress conditions.</td></tr>
<tr><td colspan="3">Restrictions: Do not apply more than 26 fl oz of HARQUEBUS Plus SC per acre per crop season. For field corn, and popcorn, do not apply within 21 days before the harvest of forage and 36 days before the harvest of grain or fodder. For sweet corn, do not apply within 7 days before harvest of ears or forage and 49 days before the harvest of fodder. The Restricted Entry Interval (REI) for sweet corn is 24 hours.
Do not use adjuvants if HARQUEBUS Plus SC is applied between corn growth stages V8 (8 leaf collar) and VT (lowest branch of the tassel is visible but silks have not emerged).

[1] Not for use on corn in New York.</td></tr>
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<tr><th>CROP</th><th>DISEASE</th><th>RATE OF HARQUEBUS Plus SC</th></tr>
<tr><td rowspan="3">Peanut</td><td>Foliar diseases

Early Leaf Spot
(Cercospora arachidicola)

Late Leaf Spot
(Cercosporidium personatum)

Leaf Rust
(Puccinia arachidis)

Web Blotch
(Phoma arachidicola)

Leaf Scorch and Pepper Spot
(Leptosphaerulina crassiasca)</td><td rowspan="2">10 - 13 fl oz per acre

(0.14 – 0.18 lbs a.i./A per active ingredient)</td></tr>
<tr><td>Soil-Borne diseases

Sclerotium Rot, White Mold,
Southern Blight, Southern Stem Rot
(Sclerotium rolfsii)

Rhizoctonia Limb Rot, Peg Rot, Pod Rot (Rhizoctonia solani)</td></tr>
<tr><td>Cylindrocladium Black Rot
(Cylindrocladium crotalariae)
(Suppression Only)</td><td>13 fl oz per acre
(0.18 lbs a.i./A per active ingredient)</td></tr>
<tr><td colspan="3">Application Directions: HARQUEBUS Plus SC may be applied by ground, chemigation, or aerial application equipment.

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

For resistance management: No more than 4 foliar applications of fungicides containing sterol biosynthesis inhibitors (Group 3) are recommended per season for resistance management. Applications of fungicides with a different mode of action should be made prior to and following block applications of HARQUEBUS Plus SC to discourage development of resistant strains of fungi. Use in conjunction with cultural practices that are known to reduce the severity of soil-borne diseases, such as proper crop rotation practices.</td></tr>
<tr><td colspan="3">Restrictions: Do not apply more than 52 fl oz. per acre of HARQUEBUS Plus SC per season. Do not exceed a maximum of 0.8 lb tebuconazole/acre/season or 0.71 lb prothioconazole/acre/season. Do not apply within 14 days of harvest. Do not feed hay or threshings or allow livestock to graze in treated areas.</td></tr>
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<tr><td rowspan="2">Wheat
(spring, durum, and winter)</td><td>Fusarium Head Blight
(Fusarium spp.)

Leaf and Stem Diseases
Powdery Mildew
(Blumeria graminis f. sp. tritici)

Rusts
(Puccinia spp.)

Septoria Leaf and Glume Blotch (Septoria tritici)

Stagonospora Blotch
(Stagonospora nodorum)

Tan Spot
(Pyrenophora tritici-repentis)</td><td>6.5 - 8.2 fl oz per acre
(0.09 - 0.11 lbs a.i./A per active ingredient)</td></tr>
<tr><td colspan="2">Application Directions: Straw may be fed or used for bedding.

Spray Equipment/Volumes: HARQUEBUS Plus SC may be applied by either ground, aerial or chemigation application equipment. For ground applications, apply a minimum of 10 gpa spray solution. For aerial applications, apply a minimum of 2 gpa spray solution. When applied through chemigation, large carrier volumes may result in reduced activity against Fusarium head blight.
Disease Control:
Fusarium Head Blight:
The optimal time to apply HARQUEBUS Plus SC is as a preventative foliar spray at early flower (Feekes Growth Stage 10.51). Spray equipment must be set to provide good coverage to wheat heads. For thorough coverage of the wheat head using ground application equipment, use forward, forward and backward mounted nozzles, or nozzles that have a two-directional spray. Operate nozzles within the spray pressure directions suggested by the manufacturer. For aerial applications, apply a minimum of 5 gpa spray solution.

Leaf and Stem Diseases:
Apply HARQUEBUS Plus SC as a preventive foliar spray when the earliest disease symptoms appear on the leaves and 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.

For optimum disease control, the lowest specified rate of a spray surfactant should be tank-mixed with HARQUEBUS Plus SC.</td></tr>
<tr><td colspan="3">Restrictions: Do not apply more than 8.2 fl oz of HARQUEBUS Plus SC applied per acre per crop year. Do not apply within 30 days of harvest. Do not allow livestock to graze or feed green forage to livestock prior to 6 days after treatment with HARQUEBUS Plus SC.</td></tr>
</table>

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

Apply only during alternate years in fields adjacent to aquatic areas listed above.

Do not apply by ground or air within 100 feet of aquatic areas listed above.

Do not cultivate within 10 feet of an aquatic area to allow growth of a vegetative filter strip.

Spray Drift Management: For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used, and must not exceed 75% of the wingspan or rotor diameter.

Use the largest droplet size consistent with pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure. Apply in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment.

Spray should be released at the lowest possible height consistent with good pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.

Make aerial or ground applications when wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.

Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.

Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

STORAGE AND DISPOSAL

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

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

Handle and open container in a manner as to prevent spillage. If container is leaking, invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Prec autionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away.

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

Container Handling:

[In Non-Refillable Containers]

Rigid, Non-refillable containers (equal to or less than 5 gallons)
Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. 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.

Rigid Non-refillable Containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)
Non-refillable container. Do not reuse or refill this container. Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows.

Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)
Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.
Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, Kegs)
Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, and Kegs)
Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

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 . If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

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."

[In Refillable Containers]

Refillable container. Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows. Refill this container with pesticide only. Do not reuse this container for any other purpose. Contact your Ag retailer or Longwind Cropscience for container return, disposal and recycling information.

Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)
Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, Kegs)
Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To triple rinse the containers before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

End users are authorized to remove tamper evident cables as required to remove the product from the container unless the container is equipped with one way valves and refilling or returning is planned. If this is the case, end users are not authorized to remove tamper evident cables, one way valves or clean container.

IMPORTANT: READ BEFORE USE

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

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

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

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

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