



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 15, 2018

Adora Clark
Federal Team Lead, Fungicides
Syngenta Crop Protection, LLC
PO Box 18300
Greensboro, NC 27419

Subject: PRIA Label Amendment – New use of difenoconazole on cranberry and watercress.
Product Name: Inspire XT
EPA Registration Number: 100-1312; Petition 6E8484
Application Date: 6/6/2016
Decision Number: 518693, 518694; 518702, 518703

Dear Ms. Clark:

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable under FIFRA Section 3(c)(7)(B), subject to the following conditions:

1. You must submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.
2. You are required to comply with the data requirements described in the DCIs and EDSP Order identified below:
 - a. Difenoconazole GDCI-128847-1602 available at <https://www.regulations.gov/document?D=EPA-HQ-OPP-2015-0401-0016>
 - b. Propiconazole GDCI-122101-1705 available at <https://www.regulations.gov/document?D=EPA-HQ-OPP-2015-0459-0017>
 - c. Propiconazole EDSP-122101 available at <https://www.regulations.gov/document?D=EPA-HQ-OPP-2009-0634-0001>

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCIs or EDSP Order listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

<http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR

152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). If you have any questions, please contact Lindsay Roe by phone at 703-347-0506, or via email at roe.lindsay@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "C Giles-Parker".

Cynthia Giles-Parker, Chief
Fungicide Branch
Registration Division (7505P)

Enclosure – stamped “accepted” labels

ACCEPTED

02/15/2018

SUPPLEMENTAL LABELING

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 100-1312

Syngenta Crop Protection, LLC
P. O. Box 18300
Greensboro, North Carolina 27419-8300
SCP

DIFENOCONAZOLE	GROUP	3	FUNGICIDE
PROPICONAZOLE	GROUP	3	FUNGICIDE

Inspire® XT

Fungicide

This supplemental label expires on 02/16/2021 and must not be used or distributed after this date.

Active Ingredient:

Difenoconazole* 22.8%

Propiconazole** 22.8%

Other Ingredients***: 54.4%

Total: 100.0%

*CAS No. 119446-68-3

**CAS No. 60207-90-1

***Contains petroleum distillates

Inspire XT is formulated as an emulsifiable concentrate (EC) containing 2.08 lb ai/gal each of difenoconazole and propiconazole.

KEEP OUT OF REACH OF CHILDREN.

DANGER/PELIGRO

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 additional precautionary statements and directions for use on container label.

EPA Reg. No. 100-1312

All applicable directions, restrictions and precautions on the EPA registered label are to be followed. Before using Inspire XT as permitted according to this supplemental label, read and follow all applicable directions, restrictions, and precautions on the EPA registered label on or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions and or

restrictions that may be different from those that appear on the container label. This Supplemental Labeling must be in the possession of the user at the time of pesticide application. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.



DIRECTIONS FOR USE

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Cranberry	Bitter rot (<i>Colletotrichum gloeosporioides</i>)	6 – 7*	For best activity, apply Inspire XT prior to or early in the disease development. An adjuvant may be added at specified rates. Apply on a 14 day interval. Do not apply more than two sequential applications before alternating to a fungicide with a different mode of action.
	Blotch rot (<i>Physalospora vaccinia</i>)		
	Cottonball (<i>Monilinia oxycocci</i>)		
	Leaf rust (<i>Pucciniastrum vaccinii</i>)		
	Ripe rot (<i>Coleophoma empetri</i>)		

*6-7 fl oz product/A contains 0.098-0.114 lb difenoconazole/A and 0.098-0.114 lb propiconazole/A.

Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by ground, chemigation, or aerial application. For aerial applications, use a minimum of 5 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. Applicators should use care in making applications near non-target aquatic habitats.

Specific Use Restrictions:

- 1) Do not apply more than 21 fl oz/A/year of Inspire XT.
- 2) Do not apply more than 0.34 lb ai/A/year of difenoconazole-containing products.
- 3) Do not apply more than 0.67 lb ai/A/year of propiconazole-containing products.
- 4) Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
- 5) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat.
- 6) Do not treat fields used for aquaculture of fish or crustacean.
- 7) Do not drain water from treated fields into ponds used for aquaculture of fish or crustacean.
- 8) Do not use water drained from treated field to irrigate other crops.
- 9) Do not apply to flooded crop.
- 10) Use is limited to Oregon, Washington, and Wisconsin only.
- 11) Do not apply Inspire XT within 45 days of harvest (45-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Watercress	Cercospora leafspot (<i>Cercospora</i> spp.)	7.0	<p>For best activity, apply Inspire XT prior to or early in the disease development. An adjuvant may be added at specified rates. Apply on a 7-14 day interval. For applications made to watercress, production fields must be drained of water at least 24 hours prior to application and water must not be reapplied to the field for a minimum of 24 hours following the application.</p> <p>Do not apply more than two sequential applications before alternating to a fungicide with a different mode of action.</p>

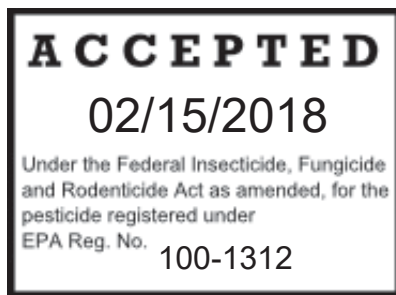
Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by ground, chemigation, or aerial application. For aerial applications, use a minimum of 5 gal/A of water. Applicators should use care in making applications near non-target aquatic habitats.

Specific Use Restrictions:

- 1) Do not apply directly to water and do not allow water in a treated field for at least 24 hours.
- 2) Do not apply more than 21 fl oz/A/year of Inspire XT.
- 3) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 4) Do not apply more than 0.45 lb ai/A/year of propiconazole-containing products.
- 5) Make no more than 2 applications before harvesting leaves.
- 6) Do not apply Inspire XT within 30 days of harvest (30-day PHI).

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PROPICONAZOLE	GROUP	3	FUNGICIDE

Inspire® XT

Fungicide

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DANGER/PELIGRO

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See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1312

EPA Est.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If on skin	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
NOTE TO PHYSICIAN	
Contains petroleum distillates - vomiting may cause aspiration pneumonia.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER	
For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372	

_____ gallons
Net Contents

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER/PELIGRO

Corrosive. Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Causes skin irritation. Harmful if swallowed or absorbed through skin. Wear protective eyewear including goggles, face shield, or safety glasses. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. 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)

Mixers, loaders, applicators and all other handlers must wear:

- Chemical-resistant gloves made of barrier laminate or Viton® ≥ 14 mils
- Protective eyewear (goggles, face shield, or safety glasses)
- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading
- Chemical-resistant footwear plus socks

User Safety Requirements

Discard clothing and other absorbed materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

User Safety Recommendations

Users should:

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

Environmental Hazards

This pesticide is toxic to fish, shrimp, mammals, and aquatic invertebrates. Drift and runoff may be hazardous to aquatic **estuarine/marine** organisms in water adjacent to treated areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or regional office of the EPA.

Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product may contaminate water through drift or spray in wind. This product has a potential for 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 including ponds, streams, and springs will reduce the potential for contamination of water from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is expected to occur within 48 hours. Sound erosion control practices will reduce this product's potential to reach aquatic sediment via runoff.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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

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

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

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

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

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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

- Chemical-resistant gloves made of barrier laminate or Viton \geq 14 mils
- Protective eyewear (goggles, face shield, or safety glasses)
- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading
- Chemical-resistant footwear plus socks

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, OR ILLEGAL RESIDUES.

PRODUCT INFORMATION

Inspire XT is a broad-spectrum fungicide with systemic and curative properties recommended for the control of key diseases in sugar beets. Inspire XT may be applied as a foliar spray in alternating spray programs or in tank mixes with other crop protection products. All applications must be made according to the use directions that follow.

PRODUCT USE INSTRUCTIONS

Application: Thorough coverage is necessary to provide good disease control. Make up no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

Efficacy: Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications if maximum amount of Inspire XT has been used. If resistant isolates to Group 3 fungicides are present, efficacy can be reduced. Under high disease pressure, it is recommended to use the highest rate and shortest interval.

Rotational Crops: Please see the table below for the crop rotational restrictions.

Rotational Crop	Planting Time From Last Inspire XT Application
Almond Bean, Dried except cowpeas Berry, Bushberry Subgroup 13-07B Berry, Low Growing Subgroup 13-07G Brassica leafy greens, Subgroup 5B Bulb vegetables, bulb onion Subgroup 3-07A and green onion Subgroup 3-07B Carrot Filbert Pecan Pistachio Rice Soybean Stone fruit Crop Group 12-12 Strawberry Sugar beet Tree nuts Crop Group 14-12 Watercress Wild rice	0 days
Cereals (wheat, barley, triticale, oats, rye)	30 days
Cilantro Corn Corn, Sweet Garden Beet Parsley Peanut	60 days
All other crops intended for food and feed	105 days

Crop Tolerance: Plant tolerance has been found acceptable for all crops on the label; however, not all possible tank-mix combinations have been tested under all conditions. When possible, it is recommended to test the combinations on a small portion of the crop to ensure a phytotoxic response will not occur as a result of application.

Spray Drift Management: To avoid spray drift, do not apply when conditions favor drift beyond the target area. The interaction of many equipment and weather related factors determine the potential for spray drift. AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER. More information on managing spray drift can be found on the Syngenta Crop Protection website under Stewardship (<http://www.syngenta-us.com/practicing-stewardship/responsible-pesticide-application>).

IPM: Inspire XT should be integrated into an overall disease and pest management

strategy (IPM) whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. Consult your local agricultural authorities for additional IPM strategies established for your area. Inspire XT may be used in State Agricultural Extension advisory (disease forecasting) programs which specify application timing based on environmental factors favorable for disease development.

RESISTANCE MANAGEMENT

DIFENOCONAZOLE	GROUP	3	FUNGICIDE
PROPICONAZOLE	GROUP	3	FUNGICIDE

For resistance management, Inspire XT contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to Inspire 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 one or more of the following steps:

- Rotate the use of Inspire XT or other Group 3 fungicides within a growing season sequence 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, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Syngenta Crop Protection at 1-866-796-4368. You can also contact your pesticide distributor or university extension specialist to report resistance.

SPRAY EQUIPMENT

Nozzles

- Equip sprayers with nozzles that provide accurate and uniform application.

- Use the same size nozzles uniformly spaced across the boom.
- Calibrate sprayer before use.
- Use screens to protect the pump and to prevent nozzles from clogging.
- On suction side of pump use screens that are *16-mesh or coarser*.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's directions.

Pump

- Use a pump with capacity to:
 - (1) Maintain sufficient pressure at the nozzle tip to give the required flow rate and droplet size to provide acceptable coverage of the target crop.
 - (2) Provide sufficient agitation in tank to keep mixture in suspension - this requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

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

MIXING INSTRUCTIONS

- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.
- Agitate the spray solution before and during application.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

Inspire XT Alone (no tank mix):

- Add $\frac{1}{2}$ - $\frac{2}{3}$ of the required amount of water to the spray or mixing tank.
- With the agitator running, add Inspire XT to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after Inspire XT has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

Inspire XT + Tank Mixtures: Inspire XT is usually compatible with tank-mix partners. To determine the physical compatibility of Inspire XT with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to 1 qt of water. Add wettable powders and water dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding

required ingredients to the spray tank.

Mixing in the Spray Tank

- Add $\frac{1}{2}$ - $\frac{2}{3}$ of the required amount of water to the spray or mixing tank.
- With the agitator running, add the tank-mix partner(s) into the tank in the same order as described above.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and Inspire XT to the spray tank.
- Allow Inspire XT to completely disperse.
- Spray the mixture with the agitator running.
- Observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank-mix product label.
- Label dosage rate must not be exceeded, and the most restrictive label precautions and limitations must be followed.
- This product must not be mixed with any product which prohibits such mixing.
- 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.

APPLICATION PROCEDURES

Ground Application:

- Apply in a minimum of 15 gal of water per acre, unless specified otherwise.

Aerial Application:

- Use only on crops where aerial applications are indicated.
- Apply in a minimum of 5 gal of water per acre, unless specified otherwise.
- Do not apply under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur.
- Do not apply directly to humans or animals.

Application Through Irrigation Systems (Chemigation)

- Use only on crops for which chemigation is specified on this label.
- 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.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- Apply in 0.125-0.25 inches/A of water. Excessive water may reduce efficacy.
- If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers, or other experts.

- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Note: Do not inject Inspire XT at full strength or deterioration of valves and seals may occur. Use a dilution ratio of at least 10 parts water to 1 part Inspire XT. Inspire XT is corrosive to many seal materials. Leather seals are best. EPDM or silicone rubber seals can be used, but should be replaced once a year. Do not use Viton, Buna-N, Neoprene, or PVC seals.

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 Inspire XT through center pivot systems because of non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply $\frac{1}{8}$ - $\frac{1}{2}$ inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as directed by the equipment manufacturer. When applying Inspire XT 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 Inspire XT required to treat the area covered by the irrigation system.
- Add the required amount of Inspire XT 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 Inspire XT 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 Inspire XT solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying Inspire XT through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Inspire XT required to treat the area covered by the irrigation system.
- Add the required amount of Inspire XT 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 Inspire XT solution has cleared the last sprinkler head.

SPECIFIC INSTRUCTIONS FOR PUBLIC WATER SYSTEMS

1. 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.

2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) 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 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.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. 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.
5. 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.
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.

SPECIFIC USE DIRECTIONS

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Almonds	Alternaria leafspot (<i>A. alternata</i>) Anthracnose (<i>Colletotrichum acutatum</i>) Blossom Blight Brown rot (<i>Monilinia</i> spp.) Brown rot/hull rot (<i>Monilinia</i> spp.) Powdery mildew (<i>Podosphaera tridactyla</i> , <i>Sphaerotheca pannosa</i>) Scab (<i>Venturia carpophilia</i>) Shot hole (<i>Wilsonmyces carpophilus</i>)	5 - 7	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply Inspire XT on a 14- to 21-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p>If monitoring or history indicates the presence of Alternaria, apply 7 fl oz/A of Inspire XT in the late spring (mid-April to beginning of May) and then repeat the treatment 2-3 weeks later.</p> <p>For blossom blight, begin applications at early bloom and continue through petal fall. Minimum retreatment interval is 14 days.</p> <p>For anthracnose, begin applications at bud break on a 14-day interval.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p>
<p>Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by either ground or aerial application. Use a minimum of 15 gal/A of water for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>			

Specific Use Restrictions:

- 1) Do not use an adjuvant.
- 2) Do not apply more than 28 fl oz/A/year of Inspire XT (which delivers 0.46 lb ai/A/year of difenoconazole and 0.45 lb ai/A/year of propiconazole).
- 3) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 4) Do not apply more than 0.9 lb ai/A/year of propiconazole-containing products.
- 5) Do not graze livestock in treated area or cut treated cover crop for feed.
- 6) Do not apply within 60 days of harvest (60-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
<p>Bean, Dried except cowpeas</p> <p>To be grown for bean, dried seed only.</p> <p>Cicer arietinum Phaseolus Vigna Lupinus</p> <p>See complete list below</p> <p>See specific Directions for soybeans</p>	<p>Anthranose (<i>Colletotrichum lindemuthianum</i>)</p> <p>Alternaria leafspot (<i>A. alternata</i>)</p> <p>Alternaria blight (<i>Alternaria</i> spp.)</p> <p>Ascochyta leaf and pod spot (<i>Ascochyta</i> spp.)</p> <p>Ascochyta blight (<i>Mycosphaerella pinodes</i>)</p> <p>Cercospora leafspot (<i>Cercospora cruenta</i>)</p> <p>Rust, bean (<i>Uromyces appendiculatus</i>)</p> <p>Web blight (<i>Rhizoctonia solani</i>)</p>	<p>6 - 7</p>	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply Inspire XT on a 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</p>
<p>Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by ground, chemigation, or aerial application. Use a minimum of 15 gal/A of water for ground applications. For aerial applications, use a minimum of 10 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.</p>			

Complete List of Dry Bean: Dried cultivars of bean (*Lupinus*); bean (Phaseolus) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, tepary bean); bean (Vigna) (includes adzuki bean, blackeyed pea, catjang, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean); broad bean; chickpea; lablab bean.

Specific Use Restrictions:

- 1) Do not apply more than 21 fl oz/A/year of Inspire XT (which delivers 0.34 lb ai/A/year of both difenoconazole and propiconazole).
- 2) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 3) Do not apply more than 0.34 lb ai/A/year of propiconazole-containing products.
- 4) Do not apply Inspire XT within 14 days of harvest (14-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Berry, Bushberry Subgroup 13-07B Blueberry	Powdery mildew (<i>Microsphaera alni</i>) Anthracnose (<i>Colletotrichum</i> spp.) Septoria leaf spot (<i>S. albopunctata</i>) Alternaria leaf spot (<i>A. tenuissima</i>) Leaf rust (<i>Pucciniastrum vaccinii</i>) Monilinia blight and Mummyberry blight (<i>M. vaccinii- corymbosis</i>)	6-7	Begin applications prior to disease onset when conditions are conducive for disease. Apply Inspire XT on a 7- to 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action. <i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i> <i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i> <i>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i>
Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by ground or aerial application. Use a minimum of 15 gal/A of water for ground applications. For aerial applications, use a minimum of 10 gal/A of water.			

Complete List of Bushberry Subgroup: Aronia berry; blueberry, highbush; blueberry, lowbush; buffalo currant; Chilean guava; cranberry, highbush; currant, black; currant, red; elderberry; European barberry; gooseberry; honeysuckle, edible; huckleberry; jostaberry; Juneberry (Saskatoon berry); lingonberry; native currant; salal; sea buckthorn; cultivars, varieties, and/or hybrids of these.

Specific Use Restrictions:

- 1) Do not apply more than 28 fl oz/A/year of Inspire XT (which delivers 0.46 lb ai/A/year of difenoconazole and 0.45 lb ai/A/year of propiconazole).
- 2) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 3) Do not apply more than 0.84 lb ai/A/year of propiconazole-containing products.
- 4) Do not apply Inspire XT within 30 days of harvest (30-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
<p>Berry, Low Growing Subgroup 13-07G*</p> <p>Strawberry</p> <p>Including all cultivars and/or hybrids of these.</p> <p>See separate instructions for cranberry.</p>	<p>Anthracnose (<i>Colletotrichum acutatum</i>)</p> <p>Leaf spot (<i>Cercospora fragariae</i>)</p> <p>Powdery mildew (<i>Sphaerotheca macularis</i>)</p> <p>Leaf rust (<i>Phragmidium potentillae</i>)</p>	<p>5 – 7</p>	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply Inspire XT on a 7- to 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language is label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p> <p>Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by ground or aerial application. Use a minimum of 15 gal/A of water for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>

***Complete List of Low Growing Berries:** Bearberry; Bilberry; Blueberry, lowbush; Cloudberry; Lingonberry; Muntries; Partridgeberry; Strawberry; cultivars, varieties, and/or hybrids of these.

Specific Use Restrictions:

- 1) Do not apply more than 28 fl oz/A/year of Inspire XT (which delivers 0.46 lb ai/A/year of difenoconazole and 0.45 lb ai/A/year of propiconazole).
- 2) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 3) Do not apply more than 0.45 lb ai/A/year of propiconazole-containing products.
- 4) Inspire XT may be applied on the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Brassica, Leafy greens (sub-Group 5B) Cabbage, Chinese (bok choy) Collards Kale Mustard greens (See additional crops below)	Alternaria leafspot <i>(Alternaria spp.)</i> Anthracnose <i>(Colletotrichum spp.)</i> Black spot <i>(Alternaria spp.)</i> Cercospora leaf spot <i>(Cercospora spp.)</i> Powdery mildew <i>(Erysiphe polygoni)</i> Ring spot <i>(Mycosphaella brassicicola)</i>	6.0 – 7.0	Begin applications at first sign of disease. Repeat on a 7-10-day interval. Apply no more than two applications before switching to another fungicide with a different mode of action. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.

Brassica Leafy greens (sub-Group 5B): Broccoli raab; Cabbage, Chinese (bok choy); Collards, Kale, Mizuna, Mustard greens; Mustard spinach; Rape greens

Application: Inspire XT is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Inspire XT may be applied by ground, air, or chemigation.

Specific Use Restrictions:

- 1) Do not apply more than 21 fl oz/A/year of Inspire XT (which delivers 0.34 lb ai/A/year of both difenoconazole and propiconazole).
- 2) Do not apply more than 0.34 lb ai propiconazole-containing product/A/year.
- 3) Do not apply more than 0.46 lb ai difenoconazole-containing product/A/year.
- 4) Do not apply within 7 days of harvest (7-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Bulb Vegetables* Onion, bulb Subgroup 3-07A Garlic Shallot Onion, green Subgroup 3-07B Leek Welch onion tops	Cercospora leafspot (<i>C. duddiae</i>) Leaf blotch (<i>Cladosporium allii-cepae</i>) Powdery Mildew (<i>Leveillula taurica</i>) Purple blotch (<i>Alternaria porri</i>) Stemphylium leaf blight (<i>S. vesicarium</i>) Cladosporium leaf blotch (<i>C. allii</i>) Rust (<i>Puccinia allii</i>) Suppression of Botrytis leaf blight (<i>B. squamosa</i>)	5 – 7	Begin applications prior to disease onset when conditions are conducive for disease. Apply Inspire XT on a 7- to 10-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action. <i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i> <i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i> <i>[Optional language is label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i>
<p>Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by either ground, chemigation, or aerial application. Use a minimum of 15 gal/A of water for ground applications. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.</p>			

***Bulb onion subgroup 3-07A: Daylily, bulb; fritillaria, bulb; garlic, bulb; garlic, great-headed, bulb; garlic, serpent, bulb; lily, bulb; onion, bulb; onion, Chinese, bulb; onion, pearl; onion, potato, bulb; shallot, bulb; cultivars, varieties, and/or hybrids of these.**
Green onion subgroup 3-07B: Chive, fresh leaves; chive, Chinese, fresh leaves; elegans hosta; fritillaria, leaves; kurrat; lady's leek; leek; leek, wild; onion, Beltsville bunching; onion, fresh; onion, green; onion, macrostem; onion, tree, tops; onion, Welsh, tops; shallot, fresh leaves; cultivars, varieties, and/or hybrids of these.

Specific Use Restrictions:

- 1) For green onions, do not apply more than 21 fl oz/A/year of Inspire XT (which delivers 0.34 lb ai/A/year of both difenoconazole and propiconazole).
- 2) For green onions, do not apply more than 0.34 lb ai/A/year of difenoconazole-containing products.
- 3) For dry bulb onions, do not apply more than 28 fl oz/A/year of Inspire XT (which delivers 0.46 lb ai/A/year of difenoconazole and 0.45 lb ai/A/year of propiconazole).
- 4) For dry bulb onions, do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 5) For all Bulb crop group, do not apply more than 0.45 lb ai/A/year of propiconazole-containing products.
- 6) Do not apply within 14 days of harvest for dry bulb type (14-day PHI).
- 7) Do not apply within 7 days of harvest for green onions (7-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Carrots	Cercospora leaf spot (<i>Cercospora carotae</i>) Alternaria leaf blight (<i>Alternaria dauci</i>) Powdery mildew (<i>Erysiphe</i> spp.)	5 – 7	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply Inspire XT on a 7- to 10-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language is label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p>
<p>Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by either ground or aerial application. Use a minimum of 15 gal/A of water for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>			

Specific Use Restrictions:

- 1) Do not apply more than 28 fl oz/A/year of Inspire XT (which delivers 0.46 lb ai/A/year of difenoconazole and 0.45 lb ai/A/year of propiconazole).
- 2) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 3) Do not apply more than 0.45 lb ai/A/year of propiconazole-containing products.
- 4) Do not apply within 14 days of harvest (14-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Cranberry	Bitter rot <i>(Colletotrichum gloeosporioides)</i> Blotch rot <i>(Physalospora vacciniae)</i> Cottonball <i>(Monilinia oxycocci)</i> Leaf rust <i>(Pucciniastrum vaccinii)</i> Ripe rot <i>(Coleophoma empetri)</i>	6 – 7*	For best activity, apply Inspire XT prior to or early in the disease development. An adjuvant may be added at specified rates. Apply on a 14 day interval. Do not apply more than two sequential applications before alternating to a fungicide with a different mode of action.

*6-7 fl oz product/A contains 0.098-0.114 lb difenoconazole/A and 0.098-0.114 lb propiconazole/A.

Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by ground, chemigation, or aerial application. For aerial applications, use a minimum of 5 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. Applicators should use care in making applications near non-target aquatic habitats.

Specific Use Restrictions:

- 1) Do not apply more than 21 fl oz/A/year of Inspire XT.
- 2) Do not apply more than 0.34 lb ai/A/year of difenoconazole-containing products.
- 3) Do not apply more than 0.67 lb ai/A/year of propiconazole-containing products.
- 4) Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
- 5) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat.
- 6) Do not treat fields used for aquaculture of fish or crustacean.
- 7) Do not drain water from treated fields into ponds used for aquaculture of fish or crustacean.
- 8) Do not use water drained from treated field to irrigate other crops.
- 9) Do not apply to flooded crop.
- 10) Use is limited to Oregon, Washington, and Wisconsin only.
- 11) Do not apply Inspire XT within 45 days of harvest (45-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Filberts (Hazelnuts)	Eastern Filbert Blight (<i>Anisogramma anomala</i>)	5 – 7	<p>Begin applications when green leaf tissue becomes visible and continue on a 14- to 21-day interval. Make no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language is label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p> <p>NOTE: Under certain conditions, Inspire XT may cause smaller and/or greener leaves. Yields of filberts displaying these characteristics have not been reduced due to Inspire XT treatments.</p>
<p>Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by either ground, or aerial application. Use a minimum of 15 gal/A of water for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>			

Specific Use Restrictions:

- 1) Do not use an adjuvant.
- 2) Do not apply more than 28 fl oz/A/year of Inspire XT (which delivers 0.46 lb ai/A/year of difenoconazole and 0.45 lb ai/A/year of propiconazole).
- 3) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 4) Do not apply more than 0.9 lb ai/A/year of propiconazole-containing products.
- 5) Do not graze livestock in treated areas or cut treated cover crop for feed.
- 6) Do not apply within 60 days of harvest (60-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Pecans	Pecan Scab <i>(Cladosporium caryigenum)</i> Downy Spot <i>(Mycosphaerella caryigena)</i> Liver Spot <i>(Gnomonia caryae)</i> Vein Spot <i>(Gnomonia nerviseda)</i> Zonate Leaf Spot <i>(Grovesinia pyramidalis)</i> Powdery Mildew <i>(Microsphaera penicillata)</i>	5 – 7	Begin applications prior to disease onset when conditions are conducive for disease. Apply Inspire XT on a 14-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action. <i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i>
Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by either ground or aerial application. Use a minimum of 15 gal/A of water for ground applications. For aerial applications, use a minimum of 10 gal/A of water.			

Specific Use Restrictions:

- 1) Do not use an adjuvant.
- 2) Do not apply more than 28 fl oz/A/year of Inspire XT (which delivers 0.46 lb ai/A/year of difenoconazole and 0.45 lb ai/A/year of propiconazole).
- 3) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 4) Do not apply more than 0.9 lb ai/A/year of propiconazole-containing products.
- 5) Do not graze livestock in treated areas or cut treated cover crop for feed.
- 6) Do not apply after shuck split.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Pistachios	Panicle and Shoot Blight (<i>Botryosphaeria dothidea</i>) Alternaria late blight (<i>Alternaria</i> spp.) Septoria leaf spot (<i>S. pistaciarum</i>)	5 – 7	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply Inspire XT on a 14- to 21-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p>For <i>Botryosphaeria</i>, begin applications when green leaf tissue becomes visible and continue on a 14-21 day interval. Make no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language if label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p> <p>NOTE: Under certain conditions, Inspire XT may cause smaller and/or greener leaves. Yields of pistachios displaying these characteristics have not been reduced due to Inspire XT treatments.</p>
<p>Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by either ground or aerial application. Use a minimum of 15 gal/A of water for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>			

Specific Use Restrictions:

- 1) Do not use an adjuvant.
- 2) Do not apply more than 28 fl oz/A/year of Inspire XT (which delivers 0.46 lb ai/A/year of difenoconazole and 0.45 lb ai/A/year of propiconazole).
- 3) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 4) Do not apply more than 0.9 lb ai/A/year of propiconazole-containing products.
- 5) Do not graze livestock in treated areas or cut treated cover crop for feed.
- 6) Do not apply within 60 days of harvest (60-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Rice	Sheath Blight (<i>Rhizoctonia solani</i>) Aggregate Sheath Spot (<i>Rhizoctonia oryzae-sativae</i>) Black Sheath Rot (<i>Gaeumannomyces graminis var. graminis</i>) Sheath Spot (<i>Rhizoctonia oryzae</i>) Brown Leaf spot (<i>Cochliobolus miyabeanus</i>) Leaf Smut (<i>Entyloma oryzae</i>) Narrow Brown Leaf spot (<i>Cercospora oryzae</i>) Kernel Smut (<i>Neovossia barclayana</i>) Suppression of: False smut (<i>Ustilaginoidea virens</i>) Stem Rot (<i>Sclerotium oryzae</i>)	7.5*	Apply 7.5 fl oz/A when disease is less than 4 inches above water line usually between panicle differentiation (PD) +5 days to PD +10 days or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, a second application may be applied (minimum of 14 day re-treatment interval). For increased control of false smut or stem rot, tank mix Inspire XT with a triazole-containing fungicide.

*7.5 fl oz product/A contains 0.12 lb difenoconazole/A and 0.12 lb propiconazole/A.

Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by ground or aerial application. For aerial applications, use a minimum of 5 gal/A of water. Applicators should use care in making applications near non-target aquatic habitats.

Specific Use Restrictions:

- 1) Do not treat rice fields used for aquaculture of fish or crustacean.
- 2) Do not drain water from treated rice fields into ponds used for commercial fish farming.
- 3) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat.
- 4) Do not allow release of irrigation or flood water for at least 7 days after the last application.
- 5) Do not apply more than 15 fl oz/A/year of Inspire XT (which delivers 0.24 lb ai/A/year of both difenoconazole and propiconazole).
- 6) Do not apply more than 0.34 lb ai/A/year of propiconazole-containing products.
- 7) Do not apply more than 0.24 lb ai/A/year of difenoconazole-containing products.
- 8) Do not apply Inspire XT within 35 days of harvest (35-day PHI).
- 9) Do not apply to stubble or ratoon crop rice.
- 10) Do not use water drained from treated fields to irrigate other crops.
- 11) Do not drain water from treated rice fields into ponds used for aquaculture of fish or crustacean.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Soybean	Anthracnose (<i>Colletotrichum truncatum</i>) Alternaria leaf spot (<i>Alternaria</i> spp.) Brown spot (<i>Septoria glycines</i>) Cercospora blight and leaf spot (<i>C. kikuchii</i>) Frogeye leaf spot (<i>Cercospora sojina</i>) Pod and stem blight (<i>Diaporthe phaseolorum</i>) Powdery mildew (<i>Microsphaera diffusa</i>) Soybean rust (<i>Phakopsora pachyrhizi</i>)	5 – 7	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply Inspire XT on a 14- to 21-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language is label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p> <p>Soybean Rust: Apply 7 fl oz at first indication that disease is in the area. For best control, preventive applications work best. Repeat on a 14-day interval. Use higher rate when disease is present in field and incidence is less than 2% (2 plants in 100 are infected). If incidence is greater than this or if disease is in the mid-canopy, control will not be acceptable. Scouting for the disease and/or being aware of the proximity of the disease via monitoring systems will aid in the proper timing to maximize the effectiveness of the fungicide applications.</p> <p>On certain varieties, Inspire XT may cause crinkled, smaller and/or greener leaves. Yields of beans displaying these symptoms have not been reduced.</p>
<p>Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by either ground or aerial application. For aerial applications, use a minimum of 2 gal/A of water. Addition of an oil-based additive is recommended for improved coverage and penetration when applying by air.</p>			

Specific Use Restrictions:

- 1) Do not apply more than 13.5 fl oz/A/year of Inspire XT (which delivers 0.22 lb ai/A/year of both difenoconazole and propiconazole).
- 2) Do not apply more than 0.22 lb ai/A/year of difenoconazole-containing products.
- 3) Do not apply more than 0.34 lb ai/A/year of propiconazole-containing products.
- 4) Inspire XT may be applied up to Stage R6 or within 14 days of harvest, whichever is longer.
- 5) Do not feed soybean hay, forage and silage.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
<p>Stone Fruit Crop Group 12-12 Apricots Cherries, Sweet Cherries, Tart Nectarines Peaches Plums Plumcot Prunes</p> <p>And cultivars and/or hybrids of these.</p>	<p>Brown rot blossom blight and Fruit rot <i>Monilinia fructicola</i>, <i>M. laxa</i>)</p> <p>Scab (<i>Cladosporium carpophilum</i>) Alternaria spot and Fruit rot (<i>A. alternata</i>) Anthracnose (<i>Colletotrichum spp.</i>) Leaf rust (<i>Tranzschelia discolor</i>) Powdery mildew (<i>Sphaerotheca pannosa</i>, <i>Podosphaera clandestina</i>) Shot hole (<i>Wilsonomyces carpophilus</i>)</p>	<p>5 – 7</p>	<p>For brown rot blossom blight, begin applications at early bloom and continue through petal fall. For brown rot on fruit, apply as needed a maximum of two sprays during the pre-harvest period up to the day of harvest (minimum of a 7-day retreatment interval). If high inoculum and severe disease conditions persist, apply a registered non-Group 3 fungicide.</p> <p>For all other diseases, follow the Brown Rot Blossom Blight schedule. Make additional applications on a 10- to 14-day interval from the end of petal fall to harvest.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language is label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p>
<p>Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by either ground or aerial application. Stone fruit diseases are most effectively controlled by ground applications. Use a minimum of 15 gal/A of water for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p> <p>Precaution: Applications of propiconazole during bloom to Stanley plums have occasionally caused fruit to be less oval in shape and smaller in size at harvest. To avoid this, do not apply Inspire XT to Stanley plums earlier than 21 days prior to harvest.</p>			

Specific Use Restrictions:

- 1) Do not apply more than 28 fl oz/A/year of Inspire XT (which delivers 0.46 lb ai/A/year of difenoconazole and 0.45 lb ai/A/year of propiconazole).
- 2) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 3) Do not apply more than 0.56 lb ai/A/year of propiconazole-containing products.
- 4) Inspire XT may be applied on the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Sugar Beets	Cercospora leafspot (<i>C. beticola</i>) Powdery mildew (<i>Erysiphe polygoni</i>)	5 – 7	<p>Begin applications preventively or on a forecast system. For powdery mildew, apply at first sign of disease.</p> <p>Apply Inspire XT on a 10- to 21-day schedule. Make only one Inspire XT spray then alternate to a non-triazole fungicide (non-Group 3) that is registered on sugar beets for these diseases.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language is label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p> <p>Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by either ground, chemigation, or aerial application. Use a minimum of 15 gal/A of water for ground applications. For aerial applications, use a minimum of 5 gal/A of water. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.</p>

Specific Use Restrictions:

- 1) Do not apply more than 21 fl oz/A/year of Inspire XT (which delivers 0.34 lb ai/A/year of both difenoconazole and propiconazole).
- 2) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 3) Do not apply more than 0.34 lb ai/A/year of propiconazole-containing products.
- 4) Do not apply within 21 days of harvest (21-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
<p>Tree Nuts Crop Group 14-12</p> <p>Beechnut Brazil Nut Butternut Cashew Chestnut Chinquapin Hickory Macadamia Walnut, black Walnut, English</p> <p>(See specific Directions for Almonds Filberts Pecans Pistachios)</p>	<p>Foliar Diseases</p>	<p>5 - 7</p>	<p>Begin applications prior to disease onset when conditions are conducive for disease. Apply Inspire XT on a 14- to 21-day schedule making no more than 2 sequential applications before alternating to another fungicide with a different mode of action.</p> <p><i>[Optional language if label has a rate range: If disease pressure is high, use the highest rate.]</i></p> <p><i>[Optional language if label has a single rate and interval range: If disease pressure is high, use the shortest interval.]</i></p> <p><i>[Optional language is label has a rate range and interval range: If disease pressure is high, use the shortest interval and highest rate.]</i></p> <hr/> <p>Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by either ground or aerial application. Use a minimum of 15 gal/A of water for ground applications. For aerial applications, use a minimum of 10 gal/A of water.</p>

Specific Use Restrictions:

- 1) Do not use an adjuvant.
- 2) Do not apply more than 28 fl oz/A/year of Inspire XT (which delivers 0.46 lb ai/A/year of difenoconazole and 0.45 lb ai/A/year of propiconazole).
- 3) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 4) Do not apply more than 0.9 lb ai/A/year of propiconazole-containing products.
- 5) Do not graze livestock in treated areas or cut treated cover crop for feed.
- 6) Do not apply within 60 days of harvest (60-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Watercress	Cercospora leafspot (<i>Cercospora</i> spp.)	7.0	<p>For best activity, apply Inspire XT prior to or early in the disease development. An adjuvant may be added at specified rates. Apply on a 7-14 day interval. For applications made to watercress, production fields must be drained of water at least 24 hours prior to application and water must not be reapplied to the field for a minimum of 24 hours following the application.</p> <p>Do not apply more than two sequential applications before alternating to a fungicide with a different mode of action.</p>

Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by ground, chemigation, or aerial application. For aerial applications, use a minimum of 5 gal/A of water. Applicators should use care in making applications near non-target aquatic habitats.

Specific Use Restrictions:

- 1) Do not apply directly to water and do not allow water in a treated field for at least 24 hours.
- 2) Do not apply more than 21 fl oz/A/year of Inspire XT.
- 3) Do not apply more than 0.46 lb ai/A/year of difenoconazole-containing products.
- 4) Do not apply more than 0.45 lb ai/A/year of propiconazole-containing products.
- 5) Make no more than 2 applications before harvesting leaves.
- 6) Do not apply Inspire XT within 30 days of harvest (30-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Wild Rice (MN only)	Helminthosporium leaf blight Brown Spot (<i>Bipolaris</i> spp.)	7.5*	Apply 7.5 fl oz/A at both booting and heading. Minimum re-treatment interval is 14 days.

*7.5 fl oz product/A contains 0.12 lb difenoconazole/A and 0.12 lb propiconazole/A.

Application: For best results, sufficient water volume must be used to provide thorough coverage. Inspire XT can be applied by ground or aerial application. For aerial applications, use a minimum of 5 gal/A of water. Applicators should use care in making applications near non-target aquatic habitats.

Specific Use Restrictions:

- 1) Do not treat rice fields used for aquaculture of fish or crustacean.
- 2) Do not drain water from treated rice fields into ponds used for commercial fish farming.
- 3) Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat.
- 4) Do not release flood waters within 7 days of application.
- 5) Do not apply more than 15 fl oz/A/year of Inspire XT (which delivers 0.24 lb ai/A/year of both difenoconazole and propiconazole).
- 6) Do not apply more than 0.34 lb ai/A/year of propiconazole-containing products.
- 7) Do not apply more than 0.24 lb ai/A/year of difenoconazole-containing products.
- 8) Do not apply Inspire XT within 35 days of harvest (35-day PHI).
- 9) Do not apply to stubble or ratoon crop rice.
- 10) Do not use water drained from treated fields to irrigate other crops.
- 11) Do not drain water from treated rice fields into ponds used for aquaculture of fish or crustacean.

Fl oz product/A	Lb ai/A difenoconazole	Lb ai/A propiconazole
5	0.08	0.08
6	0.098	0.098
7	0.114	0.114

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in the original container in a cool place.

Pesticide Disposal

Pesticide wastes may be toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative of the nearest EPA Regional Office for guidance.

Container Handling [less than or equal to 5 gallons]

Non-refillable 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 $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Container Handling [greater than 5 gallons]

Non-refillable 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 $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Container Handling [greater than 5 gallons]

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

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

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