



## RESTRICTED USE PESTICIDE

**DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS** For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification

# CROSSOVER<sup>®</sup> PRO

GROUP 3 FUNGICIDE | GROUP 3 INSECTICIDE

### BROAD SPECTRUM FUNGICIDE & INSECT CONTROL ON LISTED CROPS

#### ACTIVE INGREDIENTS:

	% BY WT.
Propiconazole* .....	44.0%
Lambda-cyhalothrin, [1α(S*),3α(Z)]-(±)-cyano-(3-phenoxyphenyl)methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate .....	10.7%

#### OTHER INGREDIENTS\*\*:

TOTAL: .....	45.3%
	<b>100.0%</b>

\*CAS No. 60207-90-1

\*\*Contains petroleum distillates

Contains 4.0 lbs. of propiconazole and 1.0 lbs. of Lambda Cyhalothrin per gallon

## KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

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

See inside label booklet for additional Precautionary Statement and Directions for Use including Storage and Disposal instructions.

EPA Reg. No.: 89168-46-89391



#### Distributed By:

INNICTIS CROP CARE, LLC™  
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Loveland, CO 80538

041116RDT10516  
49682



**FIRST AID**

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

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at **1-800-858-7378** or your poison control center at **1-800-222-1222**.

**NOTE TO PHYSICIAN**

May pose an aspiration pneumonia hazard. Contains petroleum distillate.

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

**WARNING/AVISO:** May be fatal if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing 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)**

Wear a NIOSH approved particulate respirator with an R or P filter with NIOSH approval number prefix TC – 84A. Wear protective eyewear, goggles or faceshield, Long-sleeved shirt and Long pants, socks, shoes and chemical resistant gloves such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Vitron.

**USER SAFETY REQUIREMENTS**

Discard clothing and other absorbent 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 STATEMENT**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS****Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing 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. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

**PHYSICAL-CHEMICAL HAZARDS**

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

**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 24 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 over short-sleeved shirt and short pants, Chemical-resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber or Viton® ≥ 14 mils, Chemical resistant footwear plus socks, Protective eyewear, Chemical resistant headgear for overhead exposure.

## PRODUCT INFORMATION

*CROSSOVER PRO* is a broad spectrum fungicide and insecticide combination labeled for the control of many important plant diseases and insects.

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

## USE PRECAUTIONS

**Important:** Do not use *CROSSOVER PRO* in greenhouses or as a tree injection.

### **Rotational Crops**

To avoid possible illegal residues, do not plant any other crop intended for food, grazing, or any component of animal feed within 105 days of a *CROSSOVER PRO* application to the preceding crop, unless the second crop appears on this label.

### **Integrated Pest Management**

*CROSSOVER PRO* 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. *CROSSOVER PRO* may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

## RESISTANCE MANAGEMENT

*CROSSOVER PRO* is a combination Group 3 fungicide and Group 3 Insecticide. Some diseases and insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product, or other products with similar modes of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of disease or insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

## SPRAY EQUIPMENT

Thorough coverage is necessary to provide good disease control.

To avoid spray drift, do not apply when conditions favor drift beyond the target areas. Avoid spray overlap, as crop injury may occur.

Air assisted or air blast sprayers move spray droplets into the canopy using a forced air stream. Set up the fan to deliver only enough air volume to penetrate the canopy and provide good coverage. Adjust deflectors or other aiming devices to direct spray only to the target area.

Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate sprayer before use. Use a pump with capacity to: (1) maintain 35-40 psi at nozzles, and (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.

Although *CROSSOVER PRO* is an emulsifiable concentrate, it is suggested that screens be used to protect the pump and to prevent nozzles from clogging. Screens placed on suction side of pump should be 16-mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles. Check nozzle manufacturer's recommendations.

For more information on spray equipment and calibration, consult sprayer manufacturer's and state recommendations. For specific local directions and spray schedules, consult the current state agricultural recommendations.

## 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 rinse by application to an already treated area.

***CROSSOVER PRO* Alone:** Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank. With the agitator running, add the *CROSSOVER PRO* to the tank. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the *CROSSOVER PRO* has completely dispersed into the mix water. Maintain agitation until all of the mixture has been sprayed.

***CROSSOVER PRO* + Tank Mixtures:** *CROSSOVER PRO* is usually compatible with all tank mix partners listed on this label. To determine the physical compatibility of *CROSSOVER PRO* 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, the 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.

Add 1/2 - 2/3 of the required amount of water to the spray or mixing tank. With the agitator running, add the tank mix partner into the tank. Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and the *CROSSOVER PRO* to the spray tank. Allow the *CROSSOVER PRO* to completely disperse. Spray the mixture with the agitator running.

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

Do not mix *CROSSOVER PRO* with Syllit® or crop injury may result.

## APPLICATIONS INSTRUCTIONS

Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur. Do not apply in a manner that will result in exposure to humans or animals.

**Ground Application:** For tree crops, apply in a minimum of 50 gallons of water per acre unless specified otherwise. For other crops, apply a minimum of 10 gallons of water per acre unless specified otherwise.

**Aerial Application:** For tree crops, apply in a minimum of 10 gallons of water per acre unless specified otherwise. For other crops, apply in a minimum of 2 gallons of water per acre unless specified otherwise.

**Application Through Irrigation Systems (Chemigation):** Apply *CROSSOVER PRO* through irrigation equipment only to crops for which chemigation is specified on this label.

**For chemigation, apply 0.1-0.25 inches of water. Chemigation with excessive water may lead to a decrease in efficacy.**

*CROSSOVER PRO*, 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. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. Do not connect an irrigation system (including green house 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.

**Notes:** Do not inject *CROSSOVER PRO* at full strength or deterioration of valves and seals may occur. Use a dilution ratio of at least 10 parts water to 1 part *CROSSOVER PRO*. *CROSSOVER PRO* 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 *CROSSOVER PRO* 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 recommended by the equipment manufacturer. When applying *CROSSOVER PRO* 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 *CROSSOVER PRO* required to treat the area covered by the irrigation system.
- Add the required amount of *CROSSOVER PRO* 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 *CROSSOVER PRO* 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 *CROSSOVER PRO* 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 *CROSSOVER PRO* through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of *CROSSOVER PRO* required to treat the area covered by the irrigation system.
- Add the required amount of *CROSSOVER PRO* 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 the injection equipment after treatment is completed. Continue to operate the system until the *CROSSOVER PRO* solution has cleared the last sprinkler head.

**SPECIFIC DIRECTIONS FOR USE**

**BARLEY, OATS, RYE, TRITICALE**

<b>Target Disease</b>	<b>Target Insect</b>	<b>Use Rate fl. oz. product/A</b>	<b>Remarks</b>
<b>Early Season Suppression of:</b> Powdery Mildew ( <i>Blumeria</i> spp., <i>Erysiphe</i> spp.) Leaf Blight ( <i>Septoria tritici</i> ) Glume Blotch ( <i>Stagonospora nordorum</i> ) Tan Spot ( <i>Pyrenophora tritici-repentis</i> )	Army Cutworm Armyworm Bird Cherry-Oat Aphid <sup>1</sup> Cereal Leaf Beetle Chinch Bug Corn Leaf Aphid <sup>2</sup> Cutworm species English Grain Aphid <sup>1</sup> Fall Armyworm	2 - 4	Apply <b>CROSSOVER PRO</b> in the spring. Follow up with a second application up to Feekes growth stage 10.5 for season long control.  Applications may be made no closer than a 14-day interval.
<b>Control of Leaf Diseases:</b> Rust ( <i>Puccinia</i> spp.) Powdery Mildew ( <i>Blumeria</i> spp., <i>Erysiphe</i> spp.) Leaf Blight ( <i>Septoria tritici</i> ) Glume Blotch ( <i>Stagonospora nordorum</i> ) Tan Spot ( <i>Pyrenophora tritici-repentis</i> ) Helminthosporium Leaf Blight ( <i>Drechslera tritici-repentis</i> ) Spot Blotch ( <i>Bipolaris sorokiniana</i> ) Barley Scald ( <i>Rhynchosporium secalis</i> ) Barley Stripe ( <i>Pyrenophora graminea</i> ) Net Blotch ( <i>Pyrenophora teres</i> )	Flea Beetle species Grasshopper species Grass Sawfly Greenbug <sup>1,3</sup> Hessian Fly <sup>4</sup> Mite species <sup>2</sup> Orange Blossom Wheat Midge Russian Wheat Aphid <sup>1</sup> Stink Bug species Yellowstriped Armyworm	4	Protecting the flag leaf is important for maximizing the potential yield. Highest yields are normally obtained when <b>CROSSOVER PRO</b> is applied when the flag leaf is 50% to fully emerged. Applications may be made no closer than a 14-day interval. The use of oil-base adjuvant may improve the spray coverage and canopy penetration. <b>CROSSOVER PRO</b> can be applied up to 45 days prior to harvest.
Foot Rot ( <i>Pseudocercospora</i> spp.)		4	Apply <b>CROSSOVER PRO</b> plus half rates of other EPA registered fungicides such as Topsin® M. Apply at tillering, but before elongation has occurred.
Fusarium Head Blight Suppression		4	Apply <b>CROSSOVER PRO</b> at approximately 50% flowering. Addition of penetrating type of adjuvant may increase Fusarium head blight suppression.

**Application:** **CROSSOVER PRO** 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. **CROSSOVER PRO** may be applied by ground, air, or chemigation.

**Specific Use Restrictions:**

**Preharvest Interval (PHI)** – 30 days for forage or hay, 45 days for grain and straw or for cereals other than wheat.

- A. **Do not** apply more than 7 fl. oz./A per year of **CROSSOVER PRO**.
- B. **Do not** apply more than 4 fl. oz./A per year of **CROSSOVER PRO** if forage or hay will be harvested.
- C. **Do not** apply more than 0.22 lb. a.i. propiconazole containing product/A per year.
- D. **Do not** apply more than 0.06 lb. a.i. Lambda Cyhalothrin containing product /A per year.
- E. **Do not** allow livestock to graze in treated areas or harvest treated wheat forage as feed for meat or dairy animals within 7 days after treatment. Do not feed treated straw to meat or dairy animals within 30 days after the last treatment.

<sup>1</sup> Best control is obtained before insects begin to roll leaves. Once crop has started to boot, **CROSSOVER PRO** may provide suppression only. Higher rates and increased coverage will be necessary.

<sup>2</sup> Suppression only.

<sup>3</sup> See Resistance statement under Directions for Use.

<sup>4</sup> Make applications when adults emerge.

Target Disease	Target Insect	Use Rate fl. oz. product/A	Remarks
Northern Corn Leaf Blight ( <i>Setosphaeria turcica</i> ) Northern Corn Leaf Spot ( <i>Cochliobolus carbonum</i> ) Southern Corn Leaf Blight ( <i>Cochliobolus heterostrophus</i> ) also known as Helminthosporium Leaf Blights ( <i>H. maydis</i> , <i>H. turcicum</i> , <i>H. carbonum</i> )	Armyworm <sup>2</sup> Bean Leaf Beetle Beet Armyworm <sup>1</sup> Bird Cherry-Oat Aphid <sup>3</sup> Cereal Leaf Beetle Chinch Bug Corn Earworm <sup>1</sup> Corn Leaf Aphid <sup>3</sup> Corn Rootworm Beetle (Adult): Mexican Northern Southern Western Corn Silkyfly (Adult) <sup>3</sup> Cutworm species English Grain Aphid <sup>3</sup> European Corn Borer <sup>1</sup> Fall Armyworm <sup>2</sup> Flea Beetle species Grasshopper species Greenbug <sup>3,4</sup> Green Cloverworm Hop Vine Borer <sup>1</sup> Japanese Beetle (Adult) Lesser Cornstalk Borer Meadow Spittlebug Sap Beetle (Adult) Seedcorn Beetle Southern Corn Leaf Beetle <sup>3</sup> Southwestern Corn Borer <sup>1</sup> Stalk Borer <sup>1</sup> Stink Bug species Sugarcane Borer <sup>1</sup> Tobacco Budworm <sup>3,4</sup> Webworm species Western Bean Cutworm <sup>1</sup> Yellowstriped Armyworm <sup>2</sup>	2 - 4	For leaf blights apply <i>CROSSOVER PRO</i> when disease first appears. Continue on a 7-14 day schedule. Use the low rate when disease pressure is low. Under heavy disease pressure or if conditions are favorable for disease, apply the high rate.
Rust ( <i>Puccinia</i> spp.) Gray Leaf Spot ( <i>Cercospora zeae-maydis</i> ) Eye Spot ( <i>Aureobasidium zeae</i> )		4	Apply <i>CROSSOVER PRO</i> when disease first appears. If conditions favorable for disease persist, continue on a 7-14 day schedule. For best disease control, early applications (at initial disease onset) perform better.

**Application:** *CROSSOVER PRO* 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. *CROSSOVER PRO* may be applied by ground, air, or chemigation.

**Specific Use Restrictions:**

**For Field Corn, Field Corn Grown for Seed, and Popcorn:**

**Preharvest Interval (PHI)** - 30 days for forage, grain and stover.

- A. **Do not** allow livestock to graze in treated areas or harvest treated corn forage as feed for meat or dairy animals within 30 days after last treatment.
- B. **Do not** feed treated corn fodder or silage to meat or dairy animals within 30 days after last treatment.
- C. **Do not** apply more than 14 fl. oz./A per year of *CROSSOVER PRO*.
- D. **Do not** apply more than 8 fl. oz./A per year of *CROSSOVER PRO* on field corn harvested for forage.
- E. **Do not** apply more than 0.45 lb. a.i. propiconazole containing product/A per year.
- F. **Do not** apply more than 0.12 lb. a.i. Lambda Cyhalothrin containing product /A per year.
- G. **Do not** apply more than 0.06 lb. a.i. Lambda Cyhalothrin containing product/A after silk initiation.
- H. **Do not** apply more than 0.03 lb. a.i. Lambda Cyhalothrin containing product/A after corn has reached the milk stage (yellow kernels with milky fluid).

**For Sweet Corn:**

**Preharvest Interval (PHI)** - 21 days for ears or forage.

- I. **Do not** allow livestock to graze in treated areas or harvest treated corn forage as feed for meat or dairy animals within 21 days after last treatment.
- J. **Do not** feed treated corn fodder or silage to meat or dairy animals within 21 days after last treatment.

<sup>1</sup> For control before the larva bores into the plant stalk or ear.

<sup>2</sup> Use higher rates for large larvae.

<sup>3</sup> Suppression only.

<sup>4</sup> See **Resistance** statement under **Directions for Use**.

PEANUTS

Target Disease	Target Insect	Use Rate fl. oz. product/A	Remarks
Early Leaf Spot ( <i>Cercospora arachidicola</i> )	Aphid species <sup>2</sup> Bean Leaf Beetle Beet Armyworm <sup>2,3</sup>	2.5 - 4	Apply <i>CROSSOVER PRO</i> beginning 30-45 days after planting or at the first appearance of disease. Continue applications on a 10-14 day schedule. Under heavy disease pressure use higher recommended application rates. <i>CROSSOVER PRO</i> also may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development. <i>CROSSOVER PRO</i> may be applied by ground, air or chemigation.
Late Leaf Spot ( <i>Cercosporidium personatum</i> )	Corn Earworm Cutworm species Fall Armyworm <sup>1</sup>	4	
Rust ( <i>Puccinia arachidis</i> )	Grasshopper species Green Cloverworm Lesser Cornstalk Borer <sup>2</sup>	4	
Web Blotch ( <i>Phoma arachidicola</i> )	Potato Leafhopper Rednecked Peanut Worm Southern Corn Rootworm (Adult)	4	
<b>Southern Stem Rot</b> ( <i>Sclerotium rolfsii</i> )	Soybean Looper <sup>2,3</sup> Spider Mite species <sup>2</sup> Stink Bug species Threecornered Alfalfa Hopper Tobacco Thrips Vegetable Weevil Velvetbean Caterpillar Whitetailed Beetle (Adult)	<p><b>Rates &amp; Application for Southern Stem Rot</b></p> <p>Apply <i>CROSSOVER PRO</i> using one of the following schedules:</p> <p>A. Apply 4 oz./A of <i>CROSSOVER PRO</i> to the crown and pegging zones of the plant using chemigation or directed ground application. Begin applications 45 days after planting, or at the first appearance of disease. Repeat on a 14 day interval.</p> <p>B. Apply 8 oz./A of <i>CROSSOVER PRO</i> to the crown and pegging zones of the plant using chemigation or directed ground application. Make 2 applications: the first at pegging (approximately 60 days after planting) or at the first appearance of disease, and the second application 3-4 weeks later.</p> <p>Irrigation: When applying <i>CROSSOVER PRO</i> in irrigation water for Southern Stem Rot control, use a minimum of 0.25 – 0.5 inches of irrigation water/A. Use enough water so that the fungicide penetrates the peanut canopy and reaches the crown of the plant where Southern Stem Rot is most active.</p> <p>When applying <i>CROSSOVER PRO</i> via irrigation or as a directed ground application, additional methods should be employed for leaf spot control.</p>	
<p><b>Specific Use Restrictions:</b></p> <p><b>Preharvest Interval (PHI)</b> - 14 days with low use rate (4 fl. oz./A); 21 days if using high use rate (8 fl. oz./A).</p> <p>A. <b>Do not</b> apply more than 14 fl. oz./A per year of <i>CROSSOVER PRO</i>.</p> <p>B. <b>Do not</b> feed hay from treated fields to livestock if using high use rate (8 fl. oz./A).</p> <p>C. <b>Do not</b> apply more than 0.45 lb. a.i. propiconazole containing products/A per year.</p> <p>D. <b>Do not</b> apply more than 0.12 lb. a.i. Lambda Cyhalothrin containing product /A per year.</p> <p><sup>1</sup> Use higher rates for large larvae.</p> <p><sup>2</sup> Suppression only.</p> <p><sup>3</sup> See <b>Resistance</b> statement under <b>Directions for Use</b>.</p>			

## RICE

Target Disease	Target Insect	Use Rate fl. oz. product/A	Remarks
Sheath Blight ( <i>Rhizoctonia solani</i> ) Brown Leaf Spot ( <i>Helminthosporium oryzae</i> ) Narrow Brown Leaf Spot ( <i>Cercospora oryzae</i> ) Leaf Smut ( <i>Entyloma oryzae</i> ) Sheath Spot ( <i>Rhizoctonia oryzae</i> ) Kernel Smut ( <i>Tilletia barclayana</i> ) Aggregate Sheath Spot ( <i>Rhizoctonia oryzae-sativa</i> ) Black Sheath Rot ( <i>Gaeumannomyces graminis</i> )	Bird Cherry-Oat Aphid Chinch Bug European Corn Borer <sup>1</sup> Fall Armyworm Grasshopper species Greenbug Leaf hopper species Mexican Rice Borer <sup>1</sup> Rice Seed Midge <sup>1</sup> Rice Stink Bug Rice Stalk Borer <sup>1</sup> Rice Water Weevil (Adult) Riceworm Sharpshooter species Sugarcane Borer <sup>1</sup> True Armyworm Yellow Sugarcane Aphid Yellowstriped Armyworm	6 - 10	Timing of <i>CROSSOVER PRO</i> will depend on disease severity, disease complex and rice variety/growth stage. Consult local extension experts for local economic thresholds established for various rice varieties and diseases. <i>CROSSOVER PRO</i> should be applied on either of the following schedules as an aerial spray in 5-10 gal. of water/A. A. 6 fl. oz. at first internode elongation (up to 2-inch panicle) and repeat at swollen boot. Make the second application 14 days after the first application, but before the boot splits and head emerges. <i>CROSSOVER PRO</i> provides best control of sheath blight when the first application is applied at disease appearance in the field. The first application is recommended when 5% or fewer of the tillers are infected. B. 10 fl. oz./A at first internode elongation (up to 2-inch panicle). The 10 oz. rate is recommended if greater than 10% of the tillers are infected with sheath blight. If disease reappears, use another registered fungicide for the second application. Tank Mix Option: Apply 6 fl. oz./A of <i>CROSSOVER PRO</i> in a tank mix with Quadris or other fungicides for control of rice diseases.
<b>For disease suppression of:</b> False Smut ( <i>Ustilagoideia virens</i> ) Stem Rot ( <i>Sclerotium oryzae</i> )			
<b>Application:</b> <i>CROSSOVER PRO</i> 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. <i>CROSSOVER PRO</i> must be applied by air.			
The active ingredient(s) in this product may have effects on federally listed threatened and endangered species or critical habitat in some counties. When using this product, you must follow the measures contained in the County Bulletin for the county in which you are applying the pesticide. To determine whether your County has a Bulletin, consult <a href="http://www.epa.gov/esp/bulletins.htm">http://www.epa.gov/esp/bulletins.htm</a> . Bulletins also may be available from local pesticide dealers, extension offices, or State pesticide agencies.			
<b>Specific Use Restrictions:</b>			
<b>Preharvest Interval (PHI)</b> - 35 days			
1) <b>Do not</b> apply more than 11 fl. oz./A per year of <i>CROSSOVER PRO</i> .			
2) <b>Do not</b> apply more than 0.34 lb a.i. propiconazole containing products/A per year.			
3) <b>Do not</b> apply more than 0.12 lb. a.i. Lambda Cyhalothrin containing product/A per year.			
4) <b>Do not</b> apply to stubble or ratoon crop rice.			
5) <b>Do not</b> use in rice fields where commercial farming of crayfish will be practiced.			
6) <b>Do not</b> use treated rice fields for the aquaculture of edible fish and crustacea.			
7) <b>Do not</b> drain water from treated rice fields into ponds used for commercial fish farming.			
8) <b>Do not</b> use water drained from treated fields to irrigate other crops.			
9) <b>Do not</b> release flood water within 7 days of an application.			
10) <b>Do not</b> apply as an ultra-low volume (ULV) spray.			



**SORGHUM**

Target Disease	Target Insect	Use Rate fl. oz. product/A	Remarks
Ergot ( <i>Claviceps sorghi</i> )	Armyworm Beet Armyworm <sup>3</sup> Chinch Bug Corn Earworm Cutworm species European Corn Borer <sup>2</sup> Fall Armyworm <sup>1</sup> Flea Beetle species Grasshopper species Lesser Cornstalk Borer <sup>2</sup> Mexican Rice Borer <sup>2</sup> Rice Stalk Borer <sup>2</sup> Southwestern Corn Borer <sup>2</sup> Sorghum Midge Stink Bug species Sugarcane Borer <sup>2</sup> Webworm species Yellowstriped Armyworm <sup>1</sup>	3 - 4	Make the first application at or just prior to flowering. Repeat on a 5-7 day interval.

**Application:** *CROSSOVER PRO* 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. *CROSSOVER PRO* may be applied by either ground (a minimum of 15 gal./A) or aerial application (a minimum of 10 gal/A).

**Specific Use Restrictions:**

**Preharvest Interval (PHI)** - 30 days

- A. **Do not** apply more than 10.5 fl. oz./A per year of *CROSSOVER PRO*.
- B. **Do not** apply more than 7 fl. oz. of *CROSSOVER PRO* (0.22 lb a.i. propiconazole) on sorghum harvested for forage.
- C. **Do not** apply more than 0.45 lb a.i. propiconazole containing product/A per year.
- D. **Do not** apply more than 0.08 lb. a.i. Lambda Cyhalothrin containing product/A per year.
- E. **Do not** apply more than 0.06 lb. a.i. Lambda Cyhalothrin containing product/A per year after crop emergence.
- F. **Do not** apply more than 0.02 lb. a.i. Lambda Cyhalothrin containing product /A per year once crop is in soft-dough stage.
- G. **Do not** graze livestock or cut for green chop or silage within 30 days of application.

<sup>1</sup> Use higher rates for large larvae.

<sup>2</sup> For control before the larva bores into the plant stalk.

<sup>3</sup> See **Resistance** statement under **Directions for Use**.

**SOYBEANS**

Target Disease	Target Insect	Use Rate fl. oz. product/A	Remarks
Aerial Web Blight ( <i>Rhizoctonia solani</i> )	Armyworm <sup>1</sup> Bean Leaf Beetle Beet Armyworm <sup>2,3</sup>	4 - 6	<p><b>Aerial Web Blight:</b> Apply 5-6 fl. oz./A at the first appearance of disease and repeat the application 14-21 days later. Under severe disease conditions use the higher rate and shorter interval.</p> <p><b>Other foliar diseases:</b> Apply 6 fl. oz./A at growth stage R3 (early pod set when pods are 1/8-1/4 inch long) and 14-21 days later at growth stage R6 (pod fill).</p> <p><b>Soybean Rust:</b> Apply 4-6 fl. oz./A at first indication that disease is in the area. For best control, preventive applications work best. Repeat on 14-21 day interval. Use higher rate and shorter interval 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 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, <i>CROSSOVER PRO</i> applications may cause crinkled, smaller and/or greener leaves. Yields of dry beans displaying these characteristics have not been reduced due to <i>CROSSOVER PRO</i> treatments.</p>
Anthraxnose ( <i>Colletotrichum truncatum</i> )	Blister Beetle species Cabbage Looper Corn Earworm Corn Rootworm Beetle (Adult): Mexican Northern Southern Western		
Brown Spot ( <i>Septoria glycines</i> )	Cutworm species European Corn Borer		
Frogeye Leaf Spot ( <i>Cercospora sojina</i> )	Fall Armyworm <sup>1</sup> Grasshopper species Green Cloverworm Japanese Beetle (Adult) Lesser Cornstalk Borer <sup>2</sup> Mexican Bean Beetle Painted Lady (Thistle) Caterpillar Plant Bug species Potato Leafhopper Saltmarsh Caterpillar Silverspotted Skipper Soybean Aphids Soybean Looper <sup>2,3</sup> Spider Mite species <sup>2</sup> Stink Bug species Threecornered Alfalfa Hopper Thrips species <sup>4</sup> Tobacco Budworm <sup>3</sup> Velvetbean Caterpillar Webworm species Woollybear Caterpillar Yellowstriped Armyworm <sup>1</sup>		

**Application:** *CROSSOVER PRO* 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. *CROSSOVER PRO* may be applied by either ground or aerial application. Addition of an oil-based additive is recommended for improved coverage and penetration when applying by air.

**Specific Use Restrictions:**

**Preharvest Interval (PHI)** - 30 days

- A. **Do not** apply more than 8 fl. oz./A per year of *CROSSOVER PRO*.
- B. **Do not** apply more than 0.34 lb a.i. propiconazole containing product/A per year.
- C. **Do not** apply more than 0.06 lb. a.i. Lambda Cyhalothrin containing product/A per year.
- D. **Do not** graze or harvest treated soybean forage, straw, or hay for livestock feed.

<sup>1</sup> Use higher rates for large larvae.

<sup>2</sup> Suppression only.

<sup>3</sup> See **Resistance** statement under **Directions for Use**.

<sup>4</sup> Does not include Western Flower Thrips.

**TREE NUTS** - Almond (see specific directions), Beechnut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (see specific directions), Hickory, Macadamia, Pecan (see specific directions), Walnut, Pistachios (see specific directions)

Target Disease	Target Insect	Use Rate fl. oz. product/A	Remarks
Foliar Diseases	Ants Chinch Bug Codling Moth Filbertworm Leaftooted Bug Leafroller species Navel Orangeworm Peach Twig Borer Plant Bug species Stink Bug species Walnut Aphid Walnut Husk Fly species - (Adult)	4 - 8	Apply <i>CROSSOVER PRO</i> at first sign of disease. Repeat on a 7-14 day interval.

**Application:** *CROSSOVER PRO* 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. *CROSSOVER PRO* may be applied by ground or aerial application (a minimum of 15 gal/A). For best control of tree nut diseases, ground applications are recommended.

**Specific Use Restrictions:**

**Preharvest Interval (PHI)** - 60 days (except for pecans, see specific directions)

- A. **Do not** apply more than 21 fl. oz./A per year of *CROSSOVER PRO*.
- B. **Do not** apply more than 0.90 lb a.i. propiconazole containing products/A per year.
- C. **Do not** apply more than 0.16 lb. a.i. Lambda Cyhalothrin containing product/A per year.
- D. **Do not** apply more than 0.12 lb. a.i. Lambda Cyhalothrin containing product/A per year post bloom.
- E. **Do not** graze livestock in treated areas or cut treated cover crop for feed.

**ALMONDS**

Target Disease	Target Insect	Use Rate fl. oz. product/A	Remarks
Brown Rot Blossom Blight ( <i>Monilinia laxa M. fruticicola</i> )	Ants Chinch Bug Codling Moth Filbertworm Leaftooted Bug Leafroller species Navel Orangeworm	4 - 8	Apply <i>CROSSOVER PRO</i> at 5-10% bloom and 50-100% bloom. Under severe disease conditions, use the highest rate. Minimum retreatment interval is 7 days.
Anthracnose ( <i>Collectotrichum acutatum</i> )	Peach Twig Borer Plant Bug species Stink Bug species Walnut Aphid Walnut Husk Fly species - (Adult)	8	Apply <i>CROSSOVER PRO</i> beginning at bud break on a 7-14 day interval.

**Application:** *CROSSOVER PRO* 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. *CROSSOVER PRO* may be applied by either ground or aerial application (a minimum of 15/gal/A).

**Specific Use Restrictions:**

**Preharvest Interval (PHI)** - 60 days

- A. **Do not** apply more than 21 fl. oz./A per year of *CROSSOVER PRO*.
- B. **Do not** apply more than 0.90 lb a.i. propiconazole containing products/A per year.
- C. **Do not** apply more than 0.16 lb. a.i. Lambda Cyhalothrin containing product/A per year.
- D. **Do not** apply more than 0.12 lb. a.i. Lambda Cyhalothrin containing product/A per year post bloom.
- E. **Do not** graze livestock in treated areas or cut treated cover crop for feed.

**FILBERTS (HAZELNUTS)**

Target Disease	Target Insect	Use Rate fl. oz. product/A	Remarks
Eastern Filbert Blight ( <i>Anisogramma anomala</i> )	Ants Chinch Bug Codling Moth Filbertworm Leaffooted Bug Leafroller species Navel Orangeworm Peach Twig Borer Plant Bug species Stink Bug species Walnut Aphid Walnut Husk Fly species - (Adult)	5 - 8	Begin applications when green leaf tissue becomes visible and continue on 14-21 days interval. Under severe disease conditions, use the higher rate and shorter interval. <b>NOTE:</b> On certain varieties, <i>CROSSOVER PRO</i> applications may cause smaller and/or greener leaves. Yields of filberts displaying these characteristics have not been reduced due to <i>CROSSOVER PRO</i> treatments.

**Application:** *CROSSOVER PRO* 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. *CROSSOVER PRO* may be applied by either ground or aerial application (a minimum of 15/gal/A).

**Specific Use Restrictions:**

**Preharvest Interval (PHI)** - 60 days

- Do not** apply more than 21 fl. oz./A per year of *CROSSOVER PRO*.
- Do not** apply more than 0.90 lb a.i. propiconazole containing products/A per year.
- Do not** apply more than 0.16 lb. a.i. Lambda Cyhalothrin containing product/A per year.
- Do not** apply more than 0.12 lb. a.i. Lambda Cyhalothrin containing product/A per year post bloom.
- Do not** graze livestock in treated areas or cut treated cover crop for feed.

**PECANS**

Target Disease	Target Insect	Use Rate fl. oz. product/A	Remarks
Pecan Scab ( <i>Cladosporium caryigenum</i> ) Downy Spot ( <i>Mycosphaerella caryigena</i> ) Liver Spot ( <i>Gnomonia caryae pv pecanae</i> ) Vein Spot ( <i>Gnomonia nerviseda</i> ) Zonate Leaf Spot ( <i>Cristulariella moricola</i> ) Powdery Mildew ( <i>Microsphaera penicillata</i> )	Hickory Shuckworm Pecan Aphid species Pecan Casebearer species Pecan Phylloxera species Pecan Spittlebug Pecan Weevil Stink Bug species	4 - 8	<b>Pecan Scab:</b> Apply 4-8 fl. oz./A on a 14-day schedule during bud break and pre-pollination sprays. Apply 6-8 fl. oz./A during nut formation and cover sprays. Use higher rates when disease pressure is heavier. <b>Other listed foliar diseases:</b> Apply 4 fl. oz./A with other registered pecan products labeled for these mid to late season foliar diseases. Observe all directions, precautions, and limitations for the other products.

**Application:** *CROSSOVER PRO* 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. *CROSSOVER PRO* may be applied by either ground or aerial application (a minimum of 20/gal/A).

The active ingredient(s) in this product may have effects on federally listed threatened and endangered species or critical habitat in some counties. When using this product, you must follow the measures contained in the County Bulletin for the county in which you are applying the pesticide. To determine whether your County has a Bulletin, consult <http://www.epa.gov/esp/bulletins.htm>. Bulletins also may be available from local pesticide dealers, extension offices, or State pesticide agencies.

**Specific Use Restrictions:**

**Preharvest Interval (PHI)** - Do not apply after shuck split.

- Do not** apply more than 21 fl. oz./A per year of *CROSSOVER PRO*.
- Do not** apply more than 0.90 lb a.i. propiconazole containing product/A per year.
- Do not** apply more than 0.16 lb. a.i. Lambda Cyhalothrin containing product/A per year.
- Do not** apply more than 0.12 lb. a.i. Lambda Cyhalothrin containing product/A per year post bloom.
- Do not** graze livestock in treated areas or cut treated cover crop for feed.

**PISTACHIOS**

Target Disease	Target Insect	Use Rate fl. oz. product/A	Remarks
Botryospheria Panicle and Shoot Blight ( <i>Botryospheria dothidea</i> )	Ants Chinch Bug Codling Moth Filbertworm Leaffooted Bug Leafroller species Navel Orangeworm Peach Twig Borer Plant Bug species Stink Bug species Walnut Aphid Walnut Husk Fly species - (Adult)	5 - 8	Begin applications when green leaf tissue becomes visible and continue on 14-21 days interval. Under severe disease conditions, use the higher rate and shorter interval. On certain varieties, <i>CROSSOVER PRO</i> applications may cause smaller and/or greener leaves. Yields of filberts displaying these characteristics have not been reduced due to <i>CROSSOVER PRO</i> treatments.

**Application:** *CROSSOVER PRO* 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. *CROSSOVER PRO* may be applied by either ground or aerial application (a minimum of 15/gal/A).

**Specific Use Restrictions:**

**Preharvest Interval (PHI)** - 60 days

- A. **Do not** apply more than 21 fl. oz./A per year of *CROSSOVER PRO*.
- B. **Do not** apply more than 0.90 lb a.i. propiconazole containing product/A per year.
- C. **Do not** apply more than 0.16 lb. a.i. Lambda Cyhalothrin containing product/A per year.
- D. **Do not** apply more than 0.12 lb. a.i. Lambda Cyhalothrin containing product/A per year post bloom.
- E. **Do not** graze livestock in treated areas or cut treated cover crop for feed.

WHEAT

Target Disease	Target Insect	Use Rate fl. oz. product/A	Remarks
<b>Early Season Suppression of:</b> Powdery Mildew ( <i>Blumeria</i> spp., <i>Erysiphe</i> spp.) Leaf Blight ( <i>Septoria tritici</i> ) Glume Blotch ( <i>Stagonospora nordorum</i> ) Tan Spot ( <i>Pyrenophora tritici-repentis</i> )	Army Cutworm Armyworm Bird Cherry-Oat Aphid <sup>1</sup> Cereal Leaf Beetle Chinch Bug Corn Leaf Aphid <sup>2</sup> Cutworm species English Grain Aphid <sup>1</sup> Fall Armyworm	2 - 4	Apply <b>CROSSOVER PRO</b> in the spring. Follow up with a second application up to Feekes growth stage 10.5 for season long control.  Applications may be made no closer than a 14-day interval.
<b>Control of Leaf Diseases:</b> Rust ( <i>Puccinia</i> spp.) Powdery Mildew ( <i>Blumeria</i> spp., <i>Erysiphe</i> spp.) Leaf Blight ( <i>Septoria tritici</i> ) Glume Blotch ( <i>Stagonospora nordorum</i> ) Tan Spot ( <i>Pyrenophora tritici-repentis</i> ) Helminthosporium Leaf Blight ( <i>Drechslera tritici-repentis</i> ) Spot Blotch ( <i>Bipolaris sorokiniana</i> ) Net Blotch ( <i>Pyrenophora teres</i> )	Flea Beetle species Grasshopper species Grass Sawfly Greenbug <sup>1,3</sup> Hessian Fly <sup>4</sup> Mite species <sup>2</sup> Orange Blossom Wheat Midge Russian Wheat Aphid <sup>1</sup> Stink Bug species Yellowstriped Armyworm	4	Protecting the flag leaf is important for maximizing the potential yield. Highest yields are normally obtained when <b>CROSSOVER PRO</b> is applied when the flag leaf is 50% to fully emerged. Applications may be made no closer than a 14-day interval. The use of oil-base adjuvant may improve the spray coverage and canopy penetration. <b>CROSSOVER PRO</b> can be applied through full head emergence (Feekes growth stage 10.5). Do not apply after this stage to avoid possible illegal residues.
Foot Rot ( <i>Pseudocercospora</i> spp.)		4	Apply <b>CROSSOVER PRO</b> plus half rates of other EPA registered fungicides such as Topsin® M. Apply at tillering, but before elongation has occurred
Fusarium Head Blight Suppression		4	Apply <b>CROSSOVER PRO</b> at approximately 50% flowering. Addition of penetrating type of adjuvant may increase Fusarium head blight suppression.
<b>Application:</b> <b>CROSSOVER PRO</b> 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. <b>CROSSOVER PRO</b> may be applied either by ground, air, or chemigation.			
<b>Specific Use Restrictions:</b> <b>Preharvest Interval (PHI) - 30 days</b> A. <b>Do not</b> apply more than 7 fl. oz./A per year of <b>CROSSOVER PRO</b> . B. <b>Do not</b> apply more than 4 fl. oz./A per year of <b>CROSSOVER PRO</b> if forage or hay will be harvested. C. <b>Do not</b> apply more than 0.22 lb. a.i. propiconazole containing product/A per year. D. <b>Do not</b> apply more than 0.06 lb. a.i. Lambda Cyhalothrin containing product /A per year. E. <b>Do not</b> allow livestock to graze in treated areas or harvest treated wheat forage as feed for meat or dairy animals within 7 days after treatment. F. <b>Do not</b> feed treated straw to meat or dairy animals within 30 days after the last treatment. G. <b>Do not</b> apply after Feekes 10.5 in wheat.			
<sup>1</sup> Best control is obtained before insects begin to roll leaves. Once crop has started to boot, <b>CROSSOVER PRO</b> may provide suppression only. Higher rates and increased coverage will be necessary. <sup>2</sup> Suppression only. <sup>3</sup> See <b>Resistance</b> statement under <b>Directions for Use</b> . <sup>4</sup> Make applications when adults emerge.			

Fl. Oz. of <i>CROSSOVER PRO</i> /Acre	Lb. A.I./Acre Propiconazole	Lb. A.I./Acre Lambda Cyhalothrin	Acres Treated Per 1 Gallon <i>CROSSOVER PRO</i>
2	0.063	0.015	64
4	0.126	0.031	32
6	0.189	0.046	21.3
8	0.252	0.061	16
10	0.315	0.077	12.8
12	0.378	0.092	10.7
16	0.504	0.123	8
20	0.630	0.153	6.4
21	0.662	0.161	6.0

## STORAGE AND DISPOSAL

### Prohibitions

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

**Pesticide Storage** - Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area.

**Pesticide Disposal** - Pesticide wastes are acutely hazardous. 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 at the nearest EPA Regional Office for guidance.

### Container Handling

**NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS):** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS):** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. 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. Offer for recycling, if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**REFILLABLE CONTAINER:** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**REFILL ONLY WITH *CROSSOVER PRO*** The contents of RETURNABLE CONTAINERS cannot be completely removed by cleaning. Refilling with materials other than *CROSSOVER PRO* will result in contamination and may weaken container.

After filling and before transporting, check for leaks. Do not refill or transport damaged or leaking container.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

#### CONDITION 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. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of INNVCITIS CROP CARE, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold INNVCITIS CROP CARE, LLC and Seller harmless for any claims relating to such factors.

INNVCITIS CROP CARE, LLC 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. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or INNVCITIS CROP CARE, LLC, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, INNVCITIS CROP CARE, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither INNVCITIS CROP CARE, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF INNVCITIS CROP CARE, LLC 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 INNVCITIS CROP CARE, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

INNVCITIS CROP CARE, LLC 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 INNVCITIS CROP CARE, LLC.

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