

PULL HERE TO OPEN ►



# Concert<sup>®</sup>

## Fungicide

syngenta<sup>®</sup>

## Fungicide

Broad spectrum fungicide for control of plant diseases

*Active Ingredient:*

Propiconazole (CAS No. 60207-90-1) . . . . .	2.9%
Chlorothalonil (CAS No. 1897-45-6) . . . . .	38.5%

*Other Ingredients:* . . . . . 58.6%

*Total:* . . . . . 100.0%

Concert contains 0.3 lb a.i. propiconazole and 4.0 lb a.i. chlorothalonil per gallon.

### **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 inside booklet.

**EPA Reg. No. 100-1192**

**EPA Est. 50534-TX-001**

**Formulated in the USA**

**SCP 1192B-L1E 0712  
4014144**

**2.5 gallons**  
Net Contents

TM

<b>FIRST AID</b>	
<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 swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage. Persons suffering with temporary allergic skin reactions may respond to treatment with oral antihistamines and topical or oral steroids.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b>	
For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call <b>1-800-888-8372</b>	

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

#### DANGER/PELIGRO

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

### Personal Protective Equipment (PPE)

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

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material - Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or Viton®)
- Shoes plus socks
- Protective eyewear

*continued...*

## PRECAUTIONARY STATEMENTS (*continued*)

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, use detergent and hot water. Keep and wash PPE separately from other laundry.

### Engineering Control Statements

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

### User Safety Recommendations

#### Users should:

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

### Environmental Hazards

Propiconazole is toxic to fish and chlorothalonil is toxic to aquatic invertebrates and wildlife. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring area. Do not contaminate water when disposing of equipment washwater or rinsate.

Chlorothalonil is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Chlorothalonil can contaminate surface water through spray drift. Under some conditions, it may also have a high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas over-laying extremely shallow groundwater, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

Attention: This product contains a chemical known to the State of California to cause cancer.

## 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.

**FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL.**

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.**

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

- Coveralls
- Chemical resistant gloves made of any waterproof material - Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or Viton)
- Shoes plus socks
- Protective eyewear

*continued...*

### AGRICULTURAL USE REQUIREMENTS (*continued*)

**Special Eye Irritation Provisions:** This product is a severe eye irritant. Although the restricted entry interval expires after 12 hours, for the next 6 days entry is permitted only when the following safety measures are provided:

(1) At least one container designed specifically for flushing eyes must be available in operating condition at the WPS required decontamination site intended for workers entering the treated area.

(2) Workers must be informed, in a manner they can understand:

- that residues in the treated area may be highly irritating to their eyes
- that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes
- that if they do get residues in their eyes, they should immediately flush their eyes using the eyeflush container that is located at the decontamination site or using other readily available clean water
- how to operate the eyeflush container

### Non-Agricultural Uses

For use to control diseases on turf on golf courses, lawns around commercial and industrial buildings, and professional and collegiate athletic fields.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

DO NOT enter or allow others to enter area until sprays have dried.

## GENERAL INFORMATION

Concert is a combination of systemic and contact fungicides that provides broad-spectrum control of many important plant diseases.

### Integrated Pest (Disease) Management

Concert is an excellent disease control agent when used according to label directions for control of a broad spectrum of plant diseases. Concert is recommended for use in programs which are compatible with the principles of Integrated Pest Management (IPM), which include the use of disease resistant crop varieties, cultural practices, pest scouting and disease forecasting systems which reduce unnecessary applications of pesticides.

### Resistance Management

Concert is effective for strategic use in programs that attempt to minimize disease resistance to fungicides. Some other fungicides which are at risk from disease resistance exhibit a single-site mode of fungicidal action. Concert, with a multi-site mode of action, may be used to delay or prevent the development of resistance to single-site fungicides. Consult with your Federal or State Cooperative Extension Service representatives for guidance on the proper use of Concert in programs which seek to minimize the occurrence of disease resistance to other fungicides.

## GENERAL USE PRECAUTIONS

Do not use in greenhouses.

Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (i.e. elementary, middle and high schools), campgrounds, churches, and theme parks.

Do not use for sod farms at application rates greater than 13 pounds of active ingredient, per acre, per year.

## **Spray Drift Management**

This product must not be applied within 150 feet for aerial applications, or 25 feet for ground applications of marine/estuarine water bodies unless there is an untreated buffer area of that width between the area to be treated and the water body.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or applications using dry formulations.

1. The distance of the outermost nozzles on the boom must not exceed  $\frac{3}{4}$  the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

Where states have more stringent regulations, they should be observed.

The applicator should be familiar with and take into account the information covered in the **Aerial Drift Reduction Advisory Information**.

### **Aerial Drift Reduction Advisory Information**

[This section is advisory in nature and does not supersede the mandatory label requirements.]

#### **Information on Droplet Size**

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential but will not prevent drift if applications are made improperly, or under unfavorable conditions (See Wind, Temperature).

#### **Controlling Droplet Size**

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** - Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- **Number of Nozzles** - Use the minimum number of nozzles that provide uniform coverage.
- **Nozzle Orientation** - Orienting the nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- **Nozzle Type** - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift potential.

#### **Boom Length**

For some use patterns, reducing the effective boom length to less than  $\frac{3}{4}$  of the wingspan or rotor length may further reduce drift without reducing swath width.

#### **Application Height**

Applications should not be made at a height greater than 10 ft. above the top of the largest plants, unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

#### **Swath Adjustment**

When applications are made with a crosswind, the swath will be displaced downward. Therefore, on the upwind and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, smaller drops, etc.).

### Wind

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential.

**Note:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

### Temperature and Humidity

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

### Temperature Inversions

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

### Sensitive Areas

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

## APPLICATION INSTRUCTIONS

Apply Concert at rates and timings as described in this label.

### Spray Equipment

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 at least 35-40 psi at nozzles, and (2) provide sufficient **continuous** 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.

Concert is a suspoemulsion 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 manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state and local agricultural recommendations.

## **Spraying/Mixing**

Concert may be applied with all types of spray equipment commonly used for making ground and aerial applications. The higher rates in the rate range and/or shorter spray intervals may be required under conditions of heavy infection pressure, highly susceptible varieties, or when environmental conditions conducive to disease exist.

For ground applications, apply Concert in sufficient water volume for adequate coverage and canopy penetration. For aerial applications, apply Concert in a minimum of five gallons of water per acre.

Prepare no more spray mixture than is required for the immediate operation. Do not allow the spray mixture to sit overnight. 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.

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

**Concert + Tank Mixtures:** Consult your dealer or Syngenta sales representative for information concerning compatibility with other tank mix partners. NOTE: When using Concert in mixture, any product in water-soluble packaging should be added to the tank prior to adding Concert. Allow water-soluble packaging to completely dissolve and the mixture product to completely disperse before adding Concert to the tank.

Add  $\frac{1}{2}$ - $\frac{2}{3}$  of the required amount of water to the spray or mixing tank. Again, if tank mixing with any product packaged in water-soluble packets, add this product first with the agitator running. Allow the material to completely dissolve and disperse in the mix water. In general, additional tank mix partners should be added in the following order: wettable powders, dry flowable formulations, liquid flowable formulations, and emulsifiable concentrations. Always allow each tank mix partner to become fully dispersed before adding the next product. Maintain agitation while adding the rest of the water, while adding the other tank mix partners and throughout the mixing and spraying operation.

**Important:** Do not combine Concert with DiPel®, Latron B-1956®, or Latron AG-98® as phytotoxicity may result.

## **TURFGRASS AND DICHONDRA DISEASE CONTROL**

1. USE CONCERT IN A PREVENTATIVE DISEASE CONTROL PROGRAM.
2. Apply in sufficient water to ensure thorough coverage (30 to 40 gallons of water per acre).
3. Apply by ground or hand-held applicators only.
4. Apply after mowing **OR** allow sprayed area to completely dry before mowing.
5. For control of foliar diseases, allow sprayed area to completely dry before irrigation.
6. For control of soil-borne diseases, Concert can be watered in after application.
7. Under conditions optimum for high disease pressure, use the higher rate and the shorter interval.
8. For optimum turf quality and disease control, use Concert in conjunction with turf management practices that promote good plant health and optimum disease control.
9. Evaluate spray additives prior to use. Label directions are based on data obtained with no additives.
10. Before use of any fungicide, proper diagnosis of the organism causing the disease is important. Use of diagnostic kits or other means of identification of the disease organism is essential to determine the best control measures.



### Turfgrass - Specific Diseases, Rates, and Application Timing

Disease	Fl. Oz. per 1,000 Sq. Ft.	Pints per Acre	Application Interval/ Timing	Instructions
<b>Anthracnose</b> ( <i>Colletotrichum graminicola</i> )	4.5-5.5	12.5-15	7-14 days	Apply when conditions are favorable for disease development. When disease pressure is high, use higher rates of Concert and shorter intervals. For broad spectrum control, tank mix with a registered contact fungicide at the label rate.
	5.5-8.5	15-23	14-28 days	
<b>Brown Patch</b> ( <i>Rhizoctonia solani</i> )	3-5.5	8.2-15	7-14 days	Begin applications in May or June before disease is present.
	5.5-8.5	15-23	14-28 days	Under conditions of high temperatures and high humidity, use the higher rates of Concert and shorter intervals.
<b>Copper Spot</b> ( <i>Gloeocercospora sorghi</i> )	5.5-8.5	15-23	14 days	Apply when conditions are favorable for disease development.
<b>Dollar Spot</b> ( <i>Sclerotinia homoeocarpa</i> )	1.5-3	4-8.2	7-10 days	Apply when conditions are favorable for disease development.
	3-5.5	8.2-15	14-21 days	
	5.5-8.5	15-23	14-28 days	
<b>Fusarium Patch</b> ( <i>Microdochium nivale</i> )	8.5	23	14-28 days Fall-Early Spring	Apply when conditions are favorable for disease development. A second application may be required.
<b>Gray Leafspot</b> ( <i>Pyricularia grisea</i> )	3-5.5	8.2-15	7-14 days	Apply when conditions are favorable for disease development.
	5.5-8.5	15-23	14-21 days	
<b>Melting Out Leaf Spot</b> ( <i>Bipolaris</i> spp.) ( <i>Drechslera</i> spp.)	3-5.5	8.2-15	7-14 days	Apply when conditions are favorable for disease development.
	5.5-8.5	15-23	14-21 days	
<b>Powdery Mildew</b> ( <i>Erysiphe graminis</i> )	4.5-8.5	12.5-23	14-28 days	Apply when conditions are favorable for disease development. If disease is present, use 8.5 fl. oz. of Concert per 1,000 sq. ft.
<b>Red Thread</b> ( <i>Laetisaria fuciformis</i> ) <b>Pink Patch</b> ( <i>Limonomyces roseipellis</i> )	3-5.5	8.2-15	7-14 days	Apply when conditions are favorable for disease development.
	5.5-8.5	15-23	14-21 days	

**Turfgrass - Specific Diseases, Rates, and Application Timing (continued)**

Disease	Fl. Oz. per 1,000 Sq. Ft.	Pints per Acre	Application Interval/ Timing	Instructions
<b>Rust</b> ( <i>Puccinia graminis</i> )	4.5-8.5	12.5-23	14-28 days	Apply when conditions are favorable for disease development. If disease is present, use 8.5 fl. oz. of Concert per 1,000 sq. ft.
<b>Stem Rust (Bluegrass)</b> ( <i>Puccinia graminis</i> )	3-5.5	8.2-15	7-14 days	Apply in early fall or when conditions are favorable for disease development.
	5.5-8.5	15-23	14 days	
<b>Stripe Smut</b> ( <i>Ustilago striiformis</i> ) ( <i>Urocystis agropyri</i> )	4.5-8.5	12.5-23	Fall or Spring	Apply once in the fall after grass becomes dormant or in the early spring before grass starts to grow.

**Concert Rate Conversion Table**

Fl. oz. per 1,000 sq. ft.	Pints/A	Lbs. a.i./A Propiconazole	Lbs. a.i./A Chlorothalonil	Treated Acres/ Gal. Product
1.5	4	0.15	2	2
3	8.2	0.3	4.25	1
4.5	12.5	0.47	6.25	0.7
5.5	15	0.56	7.5	0.5
7	19	0.7	9.5	0.4
8.5	23	0.86	11.5	0.35

**ESTABLISHMENT OF COOL SEASON TURFGRASS**

Concert provides control of many diseases of turf, and its primary use is as a fungicide for use against the diseases listed on this label. As an additional benefit, Concert will improve the rate of establishment when it is applied to cool season grass seedlings or sod.

**New Seedlings:** Apply 4.5 fl. oz./1,000 sq. ft. at the 2 to 3-leaf stage of growth for faster root development and top growth.

**Sod:** Apply 4.5 fl. oz./1,000 sq. ft. 2-6 weeks before cutting for increased sod knitting and faster establishment after laying.

**Do not use for sod farms at application rates greater than 13 pounds of active ingredient, per acre, per year.**

**Turf Restrictions**

- Bermudagrass can be sensitive to Concert. Do not exceed 6 fl. oz./1,000 sq. ft. every 30 days on any variety of bermudagrass. In FL, do not apply Concert to bermudagrass golf course greens when temperatures exceed 90°F.
- Do not graze animals on treated areas. Do not feed clippings from treated areas to livestock or poultry.
- For rates **up to and including** 5.5 fl. oz./1,000 sq. ft. (15 pts./A),
  - The minimum re-treatment interval is 7 days.

- For rates **greater than** 5.5 fl. oz./1,000 sq. ft. (15 pts./A),
  - The minimum re-treatment interval is 14 days.
  - Limit of two applications per year on Tees and Greens.
  - Limit of one application per year on All Other Turf.
- Maximum single application rate of Concert: 8.5 fl. oz./1,000 sq. ft (23 pts./A).
- Maximum amount of Concert per growing season:

	Fl. oz./ 1,000 sq. ft.	Pts./A	Lbs. a.i./A Propiconazole	Lbs. a.i./A Chlorothalonil
Greens	53	146	5.5	73
Tees	38	104	3.9	52
Fairways and Roughs	19	52	2.0	26
All Other Turf	9.5	26	1.0	13

- Do not use Concert on fine fescue turf due to the potential for phytotoxicity or turfgrass injury.
- Do not water for 24 hours after treatment.
- Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (i.e. elementary, middle and high schools), campgrounds, churches, and theme parks.
- **Sod farm turf treated with Concert prior to harvest must be mechanically cut, rolled and harvested. Do not use for sod farms at application rates greater than 13 pounds of active ingredient, per acre, per year.**

#### DISEASE CONTROL IN LANDSCAPE PLANTINGS

1. USE CONCERT IN A PREVENTATIVE DISEASE CONTROL PROGRAM. To determine the use directions for controlling a disease on an ornamental plant species, select the plant species in Table 1. The number following the plant species refers to the disease(s) controlled in Table 2. Find the disease in Table 2. The letter following the disease refers to the application regime in Table 3.
2. Allow spray to dry before overhead irrigation is applied.
3. Optimum benefit of Concert is obtained when used in conjunction with sound disease management practices.

#### General Recommendations

Concert may be used for control of diseases of ornamental plant species (see Tables 1, 2, and 3).

Apply by ground or hand-held applicators only. For general disease control in landscapes, apply 26-35 fl. oz./100 gals. water every 21 days. For best control, begin Concert applications before disease development.

#### Plant Safety

- Before using Concert on ornamentals, test Concert on a small scale basis.
- Do not apply Concert to African violets, begonias, Boston fern, geraniums, variegated or green Pittosporum, or Schefflera.
- Knock Out® and Double Delight roses can be sensitive to Concert applications resulting in damage to foliage under certain growing conditions.
- Applications of Concert may result in injury to buds, blooms or tender new growth. Avoid applications during bloom period on plants where flower injury is unacceptable.
- Addition of surfactants, wetters, spreader-sticker or other pesticides or fertilizers should be tested on a small scale basis.

**Restrictions**

- Do not use in greenhouses.
- Do not use mistblowers, high pressure spray equipment, cold fog, or other fogging application equipment when making applications of Concert.
- For use on non-bearing fruits and nuts only (no harvestable fruits within 12 months).
- Refer to Concert Rate Conversion Table for maximum gallons per acre.

**Table 1.**

<b>Ornamental Plant Species</b>	<b>Disease*</b>
<b>Woody Ornamental</b>	
Amelanchier	4d
Ash	4c
Azalea	2c, 4b
Crabapple	3b, 3l, 4c, 5a
Crape Myrtle	4a
Dogwood	3f, 4c
Hawthorn	5a
Lilac	4c
Oaks	3k
Poplars	5b
Pyracantha	3j
Red Tip Photinia	3g
Rhododendron	2c
Roses (Outdoor Use Only)	3e, 5b
<ul style="list-style-type: none"> <li>• A maximum of 9.0 gallons of Concert may be applied/acre/crop/year.</li> <li>• Do not apply more than 36.0 lbs. a.i. chlorothalonil per acre per year.</li> <li>• Do not apply more than 7.0 lbs. a.i. propiconazole per acre per year.</li> </ul>	
<b>Pines</b>	
Pines	1a,1b
<ul style="list-style-type: none"> <li>• A maximum of 4.1 gallons of Concert may be applied/acre/crop/year.</li> <li>• Do not apply more than 16.5 lbs. a.i. chlorothalonil per acre per year.</li> <li>• Do not apply more than 7.0 lbs. a.i. propiconazole per acre per year.</li> </ul>	

*continued...*

**Table 1. (continued)**

<b>Ornamental Plant Species</b>	<b>Disease*</b>
<b>Non-bearing Fruits and Nuts (Landscape Plantings)</b>	
Apple	3l, 4d, 5a
Apricot	2b
Cherry	2b, 3c
Nectarine	2b
Peach	2b
Plum	2b
Walnut	3h
<ul style="list-style-type: none"> <li>• A maximum of 3.8 gallons of Concert may be applied/acre/crop/year.</li> <li>• Do not apply more than 15.5 lbs. a.i. chlorothalonil per acre per year.</li> <li>• Do not apply more than 7.0 lbs. a.i. propiconazole per acre per year.</li> </ul>	

\*Numbers refer to diseases controlled in Table 2.

**NOTICE TO USER:** Plant tolerance to Concert has been found to be acceptable for the specific genera and species listed on this label. Due to the large number of species and varieties of ornamentals and nursery plants, it is impossible to test every one for tolerance to Concert. Neither the Manufacturer nor the Seller has determined whether or not Concert can be used safely on ornamental plants not specified on this label. The professional user should determine if Concert can be used safely prior to commercial use. In a small area, test the recommended rates on a small number of plants for phytotoxicity prior to widespread use.

Table 2.

Disease/Pathogen		Application Regime*
<b>1</b>	<b>Conifer Blights</b>	
1a	<i>Sirococcus strobolinus</i> (Tip Blight)	C
1b	<i>Sphaeropsis sapinea</i> (Diplodia Tip Blight)	B
<b>2</b>	<b>Flower Blight</b>	
2a	<i>Ascochyta chrysanthemi</i> (Ray Blight)	B
2b	<i>Monilinia</i> spp.	A
2c	<i>Ovulinia</i> spp.	B
<b>3</b>	<b>Leaf Blights/Spots</b>	
3a	<i>Alternaria</i> spp.	B
3b	<i>Cladosporium</i> spp. (Scab)	B
3c	<i>Coccomyces hiemalis</i>	A
3d	<i>Collectrichum</i> spp.	B
3e	<i>Diplocarpon rosae</i> (Blackspot)	B
3f	<i>Discula</i> spp. (Anthracnose)	A
3g	<i>Fabraea maculata</i> (syn. <i>Entomosporium maculata</i> )	B
3h	<i>Gnomonia leptostyla</i> (Anthracnose)	B
3i	<i>Heterosporium echinulatum</i>	B
3j	<i>Spilocaea pyracanthae</i>	B
3k	<i>Tubakia dryina</i>	C
3l	<i>Venturia inaequalis</i> (Scab)	A
<b>4</b>	<b>Powdery Mildew</b>	
4a	<i>Erysiphe</i> spp.	B
4b	<i>Microsphaera</i> spp.	B
4c	<i>Oidium</i> spp.	B
4d	<i>Podosphaera</i> spp.	B
<b>5</b>	<b>Rust</b>	
5a	<i>Gymnosporangium juniperi-virginianae</i>	A
5b	<i>Melampsora occidentalis</i>	C
5c	<i>Phragmidium</i> spp.	B
5d	<i>Puccinia</i> spp.	B
5e	<i>Uromyces dianthi</i>	B

\*Letters refer to application regimes in Table 3.

**Table 3.**

Application Regime	Directions
A	Mix 9-17 fl. oz. (0.6-1.1 pts.) of Concert in 100 gals. of water and apply as a full coverage spray to the point of drip. Apply every 14-21 days during the period of primary infection. For dogwoods, apply the 9-17 fl. oz. rate every 14 days, or apply 35 fl. oz. of Concert every 28 days.
B	Mix 22-35 fl. oz. (1.4-2.2 pts.) of Concert in 100 gals. of water and apply as a full coverage spray to the point of drip. Apply as needed, beginning when conditions are favorable for disease development. For blackspot, apply with a registered contact fungicide labeled for blackspot. For Calendula, apply every 30 days. For Diplodia tip blight, make 3 applications every 14 days prior to major period of infection. For juniper Phomopsis blight, make first application as soon as junipers start to grow, and repeat the applications every 14-21 days during periods of active growth.
C	Mix 69 fl. oz. (4.3 pts.) of Concert in 100 gals. of water and apply as a full coverage spray to the point of drip. Apply every 14-28 days, beginning when conditions are favorable for disease development. Do not make more than 3 applications. For Douglas fir needle rust, apply once in May. For tip blight, initial application is in mid-late winter, apply 3 times every 60 days.

**Concert Rate Conversion Table**

Fl. oz./ 100 Gallons	Pints/ 100 Gallons	Lbs. a.i. Propiconazole/ 100 Gallons	Lbs. a.i. Chlorothalonil/ 100 Gallons	Maximum Gallons/ A
9	0.6	0.02	0.28	600
17	1.1	0.04	0.53	600
22	1.4	0.05	0.69	450
35	2.2	0.08	1.1	280
69	4.3	0.16	2.2	140

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or 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 on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.



### Pesticide Disposal

Pesticide wastes are 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 at the nearest EPA Regional Office for guidance.

### Container Handling

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. 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 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 and 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, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

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Knock Out® is a registered trademark of the Conrad-Pyle Company

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For non-emergency (e.g., current product information), call  
Syngenta Crop Protection at 1-800-334-9481

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

**SCP 1192B-L1E 0712**  
**4014144**





## Broad spectrum fungicide for control of plant diseases

Active Ingredient:	
Propiconazole (CAS No. 60207-90-1) . . . . .	2.9%
Chlorothalonil (CAS No. 1897-45-6) . . . . .	38.5%
Other Ingredients:	58.6%
Total:	100.0%

Concert contains 0.3 lb a.i. propiconazole and 4.0 lb a.i. chlorothalonil per gallon.

See additional precautionary statements and directions for use inside booklet.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-1192

EPA Est. 50534-TX-001

### FIRST AID

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Persons suffering with temporary allergic skin reactions may respond to treatment with oral antihistamines and topical or oral steroids.

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.

## 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.)

### Precautionary Statements

Hazards to Humans and Domestic Animals

#### DANGER/PELIGRO

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

### Environmental Hazards

Propiconazole is toxic to fish and chlorothalonil is toxic to aquatic invertebrates and wildlife. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring area. Do not contaminate water when disposing of equipment washwater or rinsate.

Chlorothalonil is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Chlorothalonil can contaminate surface water through spray drift. Under some conditions, it may also have a high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas over-laying extremely shallow groundwater, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or 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 on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

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

SCP 1192B-L1E 0712  
4014144

# 2.5 gallons

Net Contents



BAR CODE # IS  
(01) 0 07 02941 26158  
LAST DIGIT IS CHECK DIGIT  
UCC/EAN 128