



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

EPA Reg. Number:

100-702

Date of Issuance:

11/9/2017

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Orbit Fungicide

Name and Address of Registrant (include ZIP Code):

Adora Clark, Registration Manager
 Syngenta Crop Protection, LLC
 P.O. Box 18300
 410 Swing Road
 Greensboro, NC 27419

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/ reregistered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on her/his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

EPA received the final label amendment request submitted by email on 11/06/2017. EPA grants this request under the authority of section 3(c)(5) of FIFRA, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for Propiconazole have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of FIFRA, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

Signature of Approving Official:

Shaja B. Joyner
 Shaja B. Joyner, Product Manager 20
 Fungicide-Herbicide Branch
 Registration Division 7505P

Date:

11/9/2017

Page 2 of 2
EPA Reg. No. 100-702
Decision No. 454593

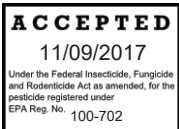
EPA Form 8570-6

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 05/16/2012
- Alternate CSF 1 dated 05/16/2012
- Alternate CSF 2 (1103/2) dated 04/18/2013

If you have any questions, please contact Lisa Pahel by phone at (703) 347-0459, or via email at pahel.lisa@epa.gov.



GROUP 3 FUNGICIDE

Orbit® Fungicide

For control of indicated diseases in tree nuts, nonbearing citrus, stone fruits, and berries

Active Ingredient:

Propiconazole*	41.8%
Other Ingredients**:	58.2%
Total:	100.0%

Orbit Fungicide is formulated as an emulsifiable concentrate (EC) and contains 3.6 lb ai of propiconazole per gallon.

*CAS No. 60207-90-1
**Contains petroleum distillates

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 additional precautionary statements and directions for use inside booklet. See First Aid statement inside booklet or on container label.

EPA Reg. No. 100-702

EPA Est.

Net Contents

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Do not give any liquid to the person.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
NOTE TO PHYSICIAN	
Contains petroleum distillate – vomiting may cause aspiration pneumonia.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER	
For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING/AVISO

Causes substantial but temporary eye injury. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing spray mist or vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking,

chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Protective eyewear such as goggles or face shield
- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or Viton
- Shoes plus socks

In addition, all handlers (mixers, loaders, and applicators, or individuals performing one or more of these tasks), who are applying this pesticide using hand-held equipment must wear:

- Protective eyewear such as goggles or face shield
- Long-sleeved shirt and long pants
- Shoes and socks
- Chemical-resistant gloves

All handlers using propiconazole as a seed piece treatment must wear:

- Chemical-resistant gloves
- Chemical-resistant apron

User Safety Requirements

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.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Engineering Controls

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

User Safety Recommendations:

Users should:

- Remove clothing/PPE immediately if pesticide gets inside, then wash

thoroughly and put on clean clothing.

- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is toxic to fish and shrimp. For terrestrial uses: 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 cleaning equipment or disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

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

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

AGRICULTURAL USE REQUIREMENTS

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

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

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:

- Protective eyewear such as goggles or face shield
- Coveralls
- Shoes and socks
- Chemical-resistant gloves made of any waterproof material

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

PRODUCT INFORMATION

Orbit is a broad spectrum fungicide for the control of indicated diseases in certain tree nuts, nonbearing citrus, stone fruits, and berries.

Restriction: Do not use in nurseries, on landscape plantings, or as a tree injection.

Integrated Pest Management

Orbit 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. Orbit 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

GROUP	3	FUNGICIDE
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Orbit is in the Group 3 class fungicides. The mode of action of Orbit is as a demethylation inhibitor of sterol biosynthesis (DMI) which disrupts membrane synthesis by blocking demethylation. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include rotating and/or tank mixing with products having different modes of action or limiting the total number of applications per season. Syngenta Crop Protection encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label. Orbit should not be alternated or tank mixed with any fungicide to which resistance has already developed.

SPRAY EQUIPMENT

Thorough coverage is necessary to provide good disease control. Applications using sufficient water volume to provide thorough and uniform coverage generally provide the most effective disease control.

APPLICATION 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 gal of water per acre unless specified otherwise. For other crops, apply in a minimum of 10 gal of water per acre unless specified otherwise.

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

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

To avoid spray drift, do not apply when conditions favor drift beyond the target area. 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. Check whirl plates and nozzle discs for wear and replace as necessary. Calibrate sprayer before use.

Use a pump with a capacity to maintain the correct rated pressure for the nozzles selected. Maintain sufficient agitation to keep the mixture in suspension. Use a jet agitator, liquid sparge tube, or mechanical paddle for agitation. Do not air sparge.

Use screens to prevent nozzles from clogging. Screens placed after the tank and before the nozzles should be 50-mesh or coarser. 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 agricultural experiment station recommendations.

Spray Drift Management

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed

Do not apply at wind speeds greater than 10 mph.

Droplet Size

Apply as a medium or coarser spray (ASAE Standard 572).

Temperature Inversions

Do not apply at wind speeds below 3 mph. Do not make applications into areas of temperature inversions or stable atmospheric conditions

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of propiconazole. Where states have more stringent regulations, they must be observed.

Equipment

All application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for aerial applications:

1. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
2. Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
3. When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

MIXING PROCEDURES

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

Orbit 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 the Orbit to the tank. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the Orbit has completely dispersed into the mix water. Maintain agitation until all of the mixture has been sprayed.

Orbit + Tank Mixtures: Orbit is compatible with most recommended insecticides, fungicides, and foliar nutrients.

Do not mix Orbit with Syllit®, or crop injury may occur.

To determine the physical compatibility of Orbit 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 first followed by water dispersible granules, liquid flowables, liquids, and emulsifiable concentrates. 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 established, use the same procedure for adding required ingredients to the spray tank.

Add $\frac{1}{2}$ – $\frac{2}{3}$ of the required amount of water to the spray or mixing tank. With the agitator running, add Orbit and the tank mix partner to the tank in the following order: Add products contained in water soluble packaging first followed by wettable powders, wettable granules, liquid flowables, liquids, and emulsifiable concentrates. Allow each tank mix partner to completely dissolve and disperse into the mix water before adding the next product. Continue agitation while adding the remainder of the water. Maintain agitation until all the mixture has been applied.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Chemigation: Do not apply this product through any type of irrigation system.

CROP USE DIRECTIONS

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Almonds	Brown Rot Blossom Blight (<i>Monilinia laxa</i> , <i>M. fructicola</i>)	4-8	Apply Orbit 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>)	8	Apply Orbit beginning at bud break on a 7-14 day interval.

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

Specific Use Restrictions:

- 1) Do not apply more than 4 applications per year when using the highest rate (8 fl oz product/A). Do not apply more than 8 applications per year if using the lowest rate (4 fl oz product/A).
- 2) Do not apply more than 32 fl oz/A/year of Orbit.
- 3) Do not apply more than 0.90 lb ai propiconazole-containing product/A/year.
- 4) Do not apply within 60 days of harvest.
- 5) Do not graze livestock in treated areas or cut treated cover crop for feed.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Berries* *Bushberries Blueberry, Currants, Elderberry, Gooseberry, Huckleberry, *Caneberries Bingleberry, Blackberry, Boysenberry, Dewberry, Loganberry, Lowberry, Marionberry, Olallieberry, Red and Black Raspberry, Youngberry Juneberry Lingonberry Salal And cultivars and/or hybrids of these	Mummyberry Disease (<i>Monilinia vaccinicorymbos</i>)	6	Make first application of Orbit beginning at green tip and repeat in 7-10 days. If conditions are favorable for disease development, additional applications may need to be made at pink bud and repeating every 7-10 days through petal fall.
	Leaf Spot and Stem Canker (<i>Septoria albopuncatata</i>)	6	Apply when conditions favor disease development. Repeat applications on a 4-week spray interval.
	Rust (<i>Pucciniastrum vaccinii</i>)		
	Leaf and Cane Spot (<i>Septoria rubi</i>)	6	Apply as a delayed dormant spray after training in the spring. Repeat this application in the late spring, again at bud break, and again once flowering has begun.
	Powdery Mildew (<i>Microsphaera vaccinii</i>)	6	Apply Orbit at 5-10% bloom. Repeat this application at full bloom and on a 14-day interval while conditions are favorable for disease development.
	Leaf Spot (<i>Septoria</i> spp.)	6	Make first application any time prior to bloom and again after petal fall. If needed, repeat application just after harvest.

Application: Orbit 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. Orbit may be applied by either ground (a minimum of 5 gal/A) or aerial application (a minimum of 15 gal/A).

Specific Use Restrictions:

- 1) Do not apply more than 5 applications of product per year.
- 2) Do not apply more than 30 fl oz/A/year of Orbit.
- 3) Do not apply within 30 days of harvest.
- 4) Do not apply more than 0.84 lb ai propiconazole-containing product/A/year.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Citrus (non-bearing) Calamondin Citron Citrus hybrids Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Satsuma Mandarin Tangerine Including all cultivars and/or hybrids of these	Greasy Spot (<i>Mycosphaerella citri</i>)	6-8	Begin applications in June. Apply on 30-day interval through August.

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

Specific Use Restrictions:

- 1) Do not apply more than 3 applications per year if using the highest rate (8 fl oz product/A). Do not apply more than 4 applications per year if using the lowest rate (6 fl oz product/A).
- 2) Do not apply more than 24 fl oz/A/year of Orbit
- 3) Do not apply to citrus that will bear harvestable fruit within 12 months.
- 4) Do not apply more than 0.67 lb ai propiconazole-containing product/A/year.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Cranberries	Cottonball (<i>Monilinia oxycocci</i>)	4-6	Make the first application at leaf bud break and repeat in 14 days. Make the third application at early bloom and repeat in 14 days. Under severe pressure, use the higher rate for control.

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

Specific Use Restrictions:

- 1) Do not apply more than 4 applications per year if using the highest rate (6 fl oz product/A). Do not apply more than 6 applications per year if using the lowest rate (4 fl oz product/A).
- 2) Do not apply more than 24 fl oz/A/year of Orbit.
- 3) Do not apply within 45 days of harvest for cranberries.
- 4) Do not apply more than 0.67 lb ai propiconazole-containing product/A/year.
- 5) Use is limited to OR, WA, and WI.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Filberts (Hazelnuts)	Eastern Filbert Blight (<i>Anisogramma anomala</i>)	5-8	Begin applications when green leaf tissue becomes visible and continue on 14–21 day interval. Under severe disease conditions, use the higher rate and shorter interval. Note: On certain varieties, Orbit applications may cause smaller and/or greener leaves. Yields of filberts displaying these characteristics have not been reduced due to Orbit treatments.

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

Specific Use Restrictions:

- 1) Do not apply more than 4 applications per year if using the highest rate (8 fl oz product/A). Do not apply more than 6 applications per year if using the lowest rate (5 fl oz product/A).
- 2) Do not apply more than 32 fl oz/A/year of Orbit.
- 3) Do not apply more than 0.90 lb ai propiconazole-containing product/A/year.
- 4) Do not apply within 60 days of harvest.
- 5) Do not graze livestock in treated areas or cut treated cover crop for feed.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Pecans	Pecan Scab <i>(Cladosporium caryigenum)</i> Downy Spot <i>(Mycosphaerella caryigena)</i> Liver Spot <i>(Gnomonia caryae pv pecanae)</i> Vein Spot <i>(Gnomonia nerviseda)</i> Zonate Leaf Spot <i>(Cristulariella moricola)</i> Powdery Mildew <i>(Microsphaera penicillata)</i>	4-8	Pecan scab: 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. Other listed foliar diseases: 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: Orbit 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. Orbit may be applied by either ground or by aerial application (a minimum amount 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/espp/usa-map.htm>. Bulletins also may be available from local pesticide dealers, extension offices, or State pesticide agencies.

Specific Use Restrictions:

- 1) Do not apply more than 4 applications per year if using the highest rate (8 fl oz product/A). Do not apply more than 8 applications per year if using the lowest rate (4 fl oz product/A).
- 2) Do not apply more than 32 fl. oz/A/year of Orbit.
- 3) Do not apply after shuck split.
- 4) Do not apply more than 0.9 lb ai of propiconazole-containing products/A/year.
- 5) Do not graze livestock in treated areas or cut treated cover crop for feed.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Pistachios	Botryosphaeria Panicle and Shoot Blight (<i>Botryosphaeria dothidea</i>)	5-8	<p>Begin applications when green leaf tissue becomes visible and continue on a 14 – 21 day interval. Under severe disease conditions, use the higher rate and the shorter interval.</p> <p>Note: Under certain conditions Orbit applications may cause smaller and/or greener leaves. Yields of pistachios displaying these characteristics have not been reduced due to Orbit treatments.</p>

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

Specific Use Restrictions:

- 1) Do not apply more than 4 applications per year if using the highest rate (8 fl oz product/A). Do not apply more than 6 applications per year if using the lowest rate (5 fl oz product/A).
- 2) Do not apply more than 32 fl oz/A/year of Orbit.
- 3) Do not apply within 60 days of harvest.
- 4) Do not apply more than 0.90 lb ai propiconazole-containing product/A/year.
- 5) Do not graze livestock in treated areas or cut treated cover crop for feed.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Stone Fruits Apricots Cherries, Sweet Cherries, Tart Nectarines Peaches Plums Plumcot Prunes And cultivars and/or hybrids of these	Brown Rot Blossom Blight (<i>Monilinia</i> spp.)	4	Apply Orbit at early bloom stage. If disease pressure is low, a second application may be made as needed through petal fall. Under conditions of high disease pressure and/or very susceptible varieties, make a second application from 75-100% bloom and a third application at petal fall.
	Fruit Brown Rot (<i>Monilinia</i> spp.)	4	Apply as needed a maximum of 2 sprays during the preharvest period up to the day of harvest (0 day PHI). If high inoculum and severe disease conditions persist, apply another registered fungicide after the 2 Orbit applications.
	Powdery Mildew (<i>Podosphaera</i> spp.) Cherry Leaf Spot (<i>Blumeriella jaapii</i>) Rust (<i>Tranzschelia discolor</i>)	4	Follow the Brown Rot Blossom Blight schedule. Make up to 2 additional applications on a 10-14 day interval from the end of petal fall to harvest.

Application: Orbit 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. Stone fruit diseases are most effectively controlled by ground applications. Orbit may be applied by ground or air (a minimum of 15 gal/A).

Precaution: Applications of Orbit during bloom to Stanley plums have occasionally caused fruit to be less oval in shape and smaller in size at harvest. To avoid this, do not apply Orbit to Stanley plums earlier than 21 days prior to harvest.

Specific Use Restrictions:

- 1) Do not apply more than 5 applications per year.
- 2) Do not apply more than 20 fl oz/A/year of Orbit.
- 3) Orbit may be applied at 0 day PHI (day of harvest).
- 4) Do not apply more than 0.56 lb ai propiconazole-containing product/A/year.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Strawberries	Anthracnose <i>(Colletotrichum acutatum)</i> Leaf Spot <i>(Cercospora fragariae)</i> Powdery Mildew <i>(Sphaerotheca macularis)</i> Leaf Rust <i>(Phragmidium potentillae)</i>	4	Begin applications when disease levels are no more than 5%. Apply 4 fl oz/A of Orbit up to 4 times on a 7-day interval. Make no more than 2 consecutive applications before rotating to another registered fungicide with a different mode of action.

Application: Orbit 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. Orbit may be applied by either ground (a minimum of 20 gal/A) or aerial application (a minimum of 15 gal/A).

Specific Use Restrictions:

- 1) Do not apply more than 4 applications per year.
- 2) Do not apply more than 16 fl oz/A/year of Orbit.
- 3) Orbit may be applied at 0 day PHI (day of harvest).
- 4) Do not apply more than 0.45 lb ai propiconazole-containing product/A/year.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
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)	Foliar Diseases	4-8	Apply Orbit at first sign of disease. Repeat on a 7-14 day interval.

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

Specific Use Restrictions:

- 1) Do not apply more than 4 applications per year if using the highest rate (8 fl oz product/A). Do not apply more than 8 applications per year if using the lowest rate (4 fl oz product/A).
- 2) Do not apply more than 32 fl oz/A/year of Orbit.
- 3) Do not apply within 60 days of harvest except for pecan (see specific directions).
- 4) Do not apply more than 0.90 lb ai propiconazole-containing product/A/year.
- 5) Do not graze livestock in treated areas or cut treated cover crop for feed.

Fl oz of Orbit/A	Lb ai/A	Acres treated per 1 gallon Orbit
2	0.056	64
4	0.1125	32
6	0.169	21.3
8	0.225	16
10	0.28	12.8
12	0.34	10.7
16	0.45	8
20	0.56	6.4
24	0.67	5.3
30	0.84	4.3
32	0.90	4

STORAGE AND DISPOSAL

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

Storage

Store in original container in cool place.

Pesticide Disposal

Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used 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 [less than or equal to 5 gallons]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Container Handling [greater than 5 gallons]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Container Handling [greater than 5 gallons]

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

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

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

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 consistent with 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 consistent with 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 consistent with 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.

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

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