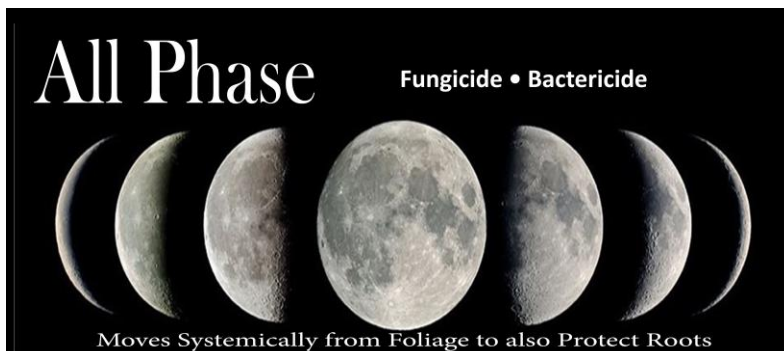




Peach Tree Diseases



Caution Keep out of Reach of Children

Active Ingredients: Potassium Sorbate 34.7% & Sodium Lauryl Sulfate 2.0%

Inert Ingredients (61.3%): Carrageenan, hydroxyethylcellulose, potassium oleate, potassium bicarbonate

Peach Leaf Curl (*Taphrina deformans*)

Fall/Winter Treatment

During the cool and wet season the fungus reproduces to form a film of spore bearing fungus around trees.

Spray All Phase in solution after leaf drop to arrest the proliferation of fungal growth and to stop spores from germinating.

Gradually mix All Phase into the spray solution at a **rate of 7 to 20 grams per gallon** and spray on trunks and branches with sufficient volume to provide uniform coverage. Note: This application will also help to reduce the bank of viable spores of other plant pathogens.

Spring Treatment

Periods of cool, wet weather, when leaves are first opening on the trees, favor the disease.

Spray All Phase in solution when buds are starting to swell and before they actually open. Gradually mix All Phase into the spray solution at a **rate of 7 to 15 grams per gallon** and spray on trunks and branches with sufficient volume to provide uniform coverage and drip from foliage. Note: All Phase at just 4 gm/gal outperformed a combined spray of copper and dormant oil in a UC Davis field trial.

Brown Rot Blossom Blight (*Monilinia fructicola*)

The fungus overwinters on mummified fruit which release spores while trees are in bloom. Mummified fruit should be removed from the orchard as early as possible in the dormant season to reduce the presence of spores during the bloom period. Blighted blossoms wilt, shrivel and become covered with greyish mold, which will serve as a source of inoculum for the fruit rot phase. The disease is favored by wet conditions while plants are in bloom.

Spray All Phase solution at a rate of **10 to 15 grams per gallon** on tree canopy in sufficient volume to provide uniform coverage of blooms and drip when trees are 20 to 40% in bloom and again when 80 to 100% in bloom.

Brown Rot (*Monilinia fructicola*)

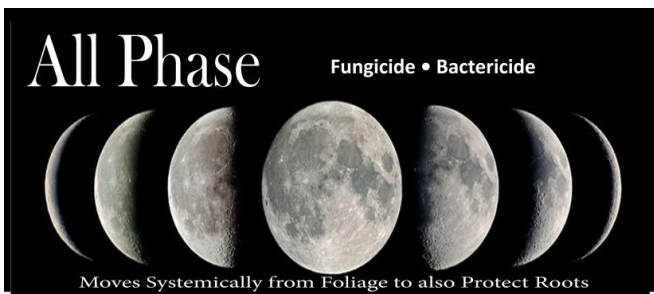
Field Application: Spray All Phase 7 to 0 days before harvest at a rate of 10 to 15 grams per gallon of water on tree canopy in sufficient volume of water to provide uniform coverage.

Post Harvest: Treat harvested fruit with drenching spray or dunk at a rate of 10 to 15 grams per gallon of water

Powdery Mildew (*Sphaerotheca pannosa*)

The disease is a concern from bloom stage until pit hardening, particularly in seasons when nights are cool (50 to 65 F) and moist and day temperatures warm (70 to 80 F). Fungal growth stops at temperatures above 91 F. Note that other members of the rose family can serve as a source of inoculum for the disease.

All Phase treatment for Peach Leaf Curl at bud swell (see above) will also prevent powdery mildew from developing. Following the treatment at bud swell, spray All Phase once every 2-3 weeks at 4.5 gm/gal with a quality wetting agent until conditions no longer favor the disease.



Circadian Crop Sciences, LLC

For the Art of Farming



DIRECTIONS FOR USE: 1. Fill spray container 1/4 to 1/2 full with clean water. 2. **Gradually** add All Phase to spray container while mixing. 3. Add water to final volume. 4. Occasionally agitate spray solution. 5. Apply as course or fine spray to uniform coverage of upper and lower leaf surfaces. 6. Spray until product drips from foliage. 7. When spray container is empty, rinse with water and spray rinsate through nozzle(s) to clean spraying system. 8. Rinsate may be applied to soil or plants.

Do not apply this product in a manner that will contact workers or other persons, either directly or through drift.

First Aid. Rinse from eyes with cool gentle stream of water. Wash from skin with soap and water. If swallowed drink a cup of water and do not induce vomiting. Seek fresh air if exposed to spray mist.

Applicators should wear protective eyewear •chemical resistant gloves •long-sleeved shirt and long pants •shoes plus socks

Workers may reenter treated areas after sprays have dried.

Circadian Crop Sciences, LLC represents this product as exempt from registration with the U.S. Environmental Protection Agency under FIFRA 25(b) regulations

USE PRECAUTIONS: Keep the container tightly closed in storage. Do not spray plants under drought stress. **Do not apply at temperatures exceeding 85°F.** Do not tank mix with any herbicides or within spray tanks in which herbicides have been used. Application safety during the bloom period should be determined for each individual species by conducting a small sample test. Do not tank mix with any acidic products. Maintain agitation throughout application. Only mix what can be sprayed at one time.

TIMING OF APPLICATIONS: Applicator must adjust the precise timing and rate within the labeled range to fit local growth and climatic conditions.

Workers may reenter treated areas after sprays have dried

MAY BE USED UP TO DAY OF HARVEST AND POST HARVEST

Environment

- Compatible with biological pest control.
- May Introduce beneficial insects and mites after sprays have dried.
- Do not dispose of concentrate or extra spray solution in waterways.
- Empty containers should be triple rinsed and are safe for public landfill.
- Honeybee friendly in standardized EPA test.



Leaves no pesticide residues. Ingredients exempt from EPA residue tolerance requirements and FDA approved as food additives.

Tank mixing with horticultural oils or acidic sprays is not recommended.

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