

Circadian Sunrise

Horticultural Spray Oil

Insecticide • Fungicide • Miticide



With the regenerative goodness
of raw non-GMO corn oil and
the Power of Mint

Fungicide • Insecticide • Miticide

ACTIVE INGREDIENTS: Corn Oil	17%
Peppermint Oil	10%
INERT INGREDIENTS: Water, soap, potassium bicarbonate, potassium oleate, gum Arabic, stearic acid	73%
Total = 100%	

Nothing Beats Circadian Sunrise for Total Crop Protection

DIRECTIONS FOR USE: 1. Shake or stir concentrate container prior to opening or measuring. 2. Fill spray container 1/4 to 1/2 full with clean water. 3. Add measured volume of concentrate (1 to 3 oz/gal) to spray container. 4. Add water to final volume. 5. Agitate spray solution frequently throughout application. 6. Apply as course or fine spray to uniform coverage of upper and lower leaf surfaces. 7. Spray until product drips from foliage. 8. May also apply as a soil drench for controlling soil borne insects. 9. Rinse spray container with water and spray rinsate through nozzle(s) to clean spraying system. 10. 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

Environment/Disposal

- 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 disposal at public landfill.

Exempt from requirements of the Worker Protection Standard, 40 CFR part 170.

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

Store in cool dry location out of direct sunlight

May spray within 24 hours of a sulfur application

Safe for bees when sprayed in the early morning before they are active.

CAUTION: KEEP OUT OF REACH OF CHILDREN

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A FUNGICIDE/INSECTICIDE/MITICIDE FOR USE IN CONTROLLING FOLIAR DISEASES, INSECTS AND MITES ON BUT NOT LIMITED TO: ORNAMENTAL PLANTS, ORCHARD CROPS, BERRIES, FRUIT TREES, VINEYARDS, HOPS, VEGETABLES, HERBS, MEDICINAL PLANTS, CEREALS, PSEUDOCEREALS, CONIFERS, GRASSES, ALFALFA AND FORBS, AT INDOOR/OUTDOOR LOCATIONS INCLUDING: FIELD GROWN FOOD AND FEED, GREENHOUSES, NURSERIES, SHADEHOUSES, GROWTH CHAMBERS, GROW ROOMS, INTERIORSCAPES, FORESTS, PASTURES, RANGE LAND, TURF, RIGHT OF WAYS, AND LANDSCAPES. SAFE FOR USE AROUND SCHOOLS WHEN USED AS DIRECTED.

FOR CONTROLLING:

***Powdery Mildews** Aphids
***Rusts** Whiteflies
Anthracnose Leafhopper
Bacterial leafspot Mealybug
Botrytis rot ***Spider mites**
***Russet mites**
Thrips

***Most effective**

May spray daily on most plants at rates up to 1/4 oz/gal for disease prevention

Spray weekly to bi-weekly throughout the growing season at 1 to 3 oz/gal for preventing outbreaks of diseases, insects, and mites.

Spray at 1 to 5-day intervals at 1 to 3 oz/gal to knockdown outbreaks of aggressive pests such as root aphids and russet mites.

Note:

1. Good spray coverage is essential
2. May not control all life stages of all listed pests.
3. Best to prevent outbreaks through preventative sprays or biological pest control measures.

Wax-On Wax-Off Technology – Waxes in Circadian Sunrise replace those which may be stripped from leaves by essential oils, and includes triacontanol (a biostimulant patented by Michigan State University), which is found in our raw corn oil (Patent Pending).



Patent Pending

Shake Well Before Use