



ACOIDAL®

HIGH-TECH FORMULATION

FEATURES

- Dust free formulation with excellent dispersion, suspensibility and tank mix compatibility.
- Micronized particles enhance coverage and leaf retention for longer residual control.
- Registered for aerial, ground and chemigation applications.
- OMRI certified

PHYSICAL CHARACTERISTICS

Active Ingredient	80% Micronized Sulfur
Formulation	Water Dispersible Granule (WDG)
Average Particle Size	2.5 microns

ACOIDAL® is an EPA registered fungicide and miticide labeled for control of fungal diseases and pests in fruit trees, nut trees, vineyards and other crops. It is manufactured and formulated with a proprietary, state of the art, spray drying technology that produces a range of small particles that not only increase surface area (leaf coverage) but also enhances the bio-activity of the sulfur ions to deliver maximum disease control.



CROP USE DIRECTIONS

ALMONDS: Brown Rot Blossom and Twig Blight, Leaf Spot, Red Spider Mites, Flat Mite, Rust Silver Mite. Apply 10-30 lbs. per acre. Apply at bloom or early petal fall. Apply with cover sprays throughout the season. Apply with spray oil during the dormant and delayed dormant periods of bud development using 10-20 lbs. per acre.

APPLE, PEARS: Powdery Mildew, Scab, Blister Mites, Red Spider Mites, Silver Mite, Two-Spotted Mite. Apply 10-30 lbs. per acre. Do not apply to D'Anjou pears. Apply pre-bloom and petal fall. Apply with cover sprays throughout the season. Apply with spray oil during the dormant and delayed dormant periods of bud development using 10-20 lbs. per acre. Do not apply to sensitive varieties of pears except at these stages.

ARTICHOKES (ALL VARIETIES): Leaf Spot. Apply 10-20 lbs. per acre. Begin when disease first appears and repeat at 7-10 day intervals.

ASPARAGUS: Rust. Apply 10-30 lbs. per acre. Use after cutting stops. Irrigate and cultivate before applying. Repeat at 7-10 day intervals through the fern growth season.

AVOCADOS: Brown Mite. Apply 10-30 lbs. per acre when mites are first noticed.

BANANAS: Mites. Apply 10-30 lbs. per acre. Apply as needed.

BEANS, PEAS, PEPPERS, POTATOES: Powdery Mildew, Red Spider Mites. Apply 3 to 5 lbs. per acre. Start in early leaf stage. Repeat application every 10-14 days, with or without pesticides, immediately after a rain.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, KOHLRABI: Powdery Mildew, Septoria Leaf Spot, Red Spider Mites. Apply 3-5 lbs. per acre. Start in early leaf stage. Repeat applications every 10-14 days, immediately after rain.

BLACKBERRY, BOYSENBERRY, DEWBERRY, LOGANBERRY, BLUEBERRY, GOOSEBERRY, HUCKLEBERRY, CURRANT: Powdery Mildew. Apply 6-15 lbs. per acre. Begin when new shoots are 6 inches long and before blossom open. Repeat at 10 day intervals or as necessary

CARROTS, GARLIC, ONIONS, SHALLOTS: Petrobria Mite, Powdery Mildew. Apply 3-10 lbs. per acre when disease first appears and repeat as needed.

CELERY: Powdery Mildew, Red Spider Mite, Rust. Apply 4-6 lbs. per acre. Apply at early life stage and repeat every 10 to 14 days or as needed.

CHERRIES: Brown Rot Blossom and twig Blight, Powdery Mildew, Leaf Spot, Silver Mites, Flat Mites, Red Spider Mites, Rust. Apply 10 to 30 lbs. per acre. Apply at bloom or early petal fall. Repeat as necessary, usually 10-14 days or after a period or wet weather.

CITRUS: Flat Mites, Silver Mites, Broad Mite, Bud Mite, Citrus Rust Mite, Red Spider Mite, Six-spotted Mite, Thrips, Yuma Spider Mite. Apply 8-20 lbs. per acre. Apply in any spray - NOT CONTAINING OIL - or following oil by 21 days.

CLOVER: Mites, Powdery Mildew. Apply 2-9 lbs. per acre. Apply as needed.

COTTON, ALFALFA, SEED ALFALFA: Atlantic Mite, Red Spider Mites. Apply 3 to 5 lbs per acre.

CORN, WHEAT, BARLEY, OATS, RYE, SORGHUM: Atlantic Mite, Banks Grass Mite, Pacific Mite, Red Spider Mite, Two-spotted Mite. Apply 8-10 lbs. per acre. Apply when mites or symptoms first appear and repeat applications as necessary.

COWPEAS: Rust. Apply 2-9 lbs. per acre. Begin application soon after seedling emergence. Repeat at 7 to 10 day intervals as needed throughout the season.

CUCUMBERS: Powdery Mildew. Apply 2.4 lbs. per acre. Apply when disease first appears and repeat as necessary. Do not apply more than 2 pounds per acre per application during periods of high temperature.

CUCURBITS: Powder Mildew, Bug Mites, Blister Mites, Red Spider Mites. Apply 2 to 10 lbs. per acre. Application intervals throughout the growing season 10-14 days.

DATES: Banks Grass Mite. Apply 20 lbs. per acre. Apply in sufficient water to provide thorough coverage of the date clusters. Begin application as mites or mite webbing are first observed. Repeat application every 14 days or as necessary, until dates are mature and are no longer subject to mite feeding injury.

EGGPLANT: Powdery Mildew. Apply 4-6 lbs. per acre. Apply when first true leaves appear. Repeat at weekly intervals or as needed.

ENDIVE, ESCAROLE, SWISS CHARD, SALSIFY: Powdery Mildew, Red Spider Mite, Rust. Apply 4-6 lbs. per acre. Apply at early leaf stage and repeat every 10 to 14 days or as needed.

FIGS: Mites (including Eriophyd Mites and Fig Mite). Apply 5 lbs. per acre. Apply at a minimum of 100 gallons per acre. Begin applications in the spring and continue on a 3-4 week schedule or as needed.

FLAX: Powdery Mildew. Apply 2-9 lbs. per acre. Apply at first sign of disease. Repeat at 7 to 10 day intervals or as needed.

FORAGE GRASSES (TIMOTHY, ORCHARD GRASS, FESCUES, SUDAN GRASS, BERMUDA GRASS, BLUEGRASS, BROMEGRASS): Mites (including Banks Grass Mite). Apply 5 to 10 lbs. per acre. Apply at first sign of mites. Continue applications at 7-day intervals, or as needed, until mites are below economic levels. The addition of adjuvants (spreaders, surfactants, etc.) can increase the chance of crop injury and is not recommended. For aerial applications, use the specified rate at a minimum of 3 gallons of water per acre. For ground applications, use the specified rate in a minimum of 20 gallons of water per acre.

GRAPES: Powdery Mildew, Bud Mites, Blister Mites, Red Spider Mites, Phomosis. Apply 1 to 10 lbs. per acre. Apply in late dormant or with cutworm spray, early shoot period and through season on a 14 day schedule or with pesticides.

GREENS: COLLARDS, KALE, MUSTARD, BEET: Powdery Mildew, Red Spider Mites, Rust. Apply 3 to 10 lbs. per acre. Apply at early leaf stage and repeat every 14 days or as needed.

HOPS: To aid in the suppression of Red Spider Mites, use 2-6 lbs. per acre by air or ground. Do not apply in less than 10 gallons of water per acre. Mix 2-6 lbs. per 100 gallons of water.

LETTUCE (HEAD AND LEAF): Powder Mildew, Red Spider Mite, Rust. Apply 5-10 lbs. per acre. Apply at early leaf stage and repeat every 14 days or as needed. Thorough coverage is required.

MANGOS: Powder Mildew. Apply 10-30 lbs. per acre. Begin application before bloom. Repeat at bloom, after fruit set, and 3 weeks later or as necessary.

MELONS: Powder Mildew. Apply 20-25 lbs. per acre. Treat when the disease first appears and repeat as necessary. Sulfur can injure plants, especially when the temperature reaches 95°F. Do not use on sulfur sensitive varieties.

OKRA: Leaf Spot Mites, Powder Mildew. Apply 3-10 lbs. per acre. Apply at early leaf stage and repeat every 14 days or as needed.

OLIVES: Olive Mite. Apply 10-30 lbs. per acre. Apply as needed.

ORNAMENTALS, ROSES: Leaf Spot, Powdery Mildew, Two-spotted Mites. Apply 3-10 lbs. per acre by ground or 3.20 lbs. per acre by air. Apply to ensure complete plant coverage. Begin when disease first appears and repeat at 5 to 10-day intervals.

PAPAYAS: Mites. Apply 10-30 lbs. per acre. Apply when mites first appear and repeat as necessary to maintain control. Do not apply in combination with emulsifiable pesticide formulations as foliar injury may occur. Do not apply to low vigor or moisture stressed plants. Do not apply prior to or during periods of excessively high temperatures, periods of low rainfall or within two weeks of an oil spray.

PEACHES AND NECTARINES: Brown Rot Blossom and Twig Blight, Powdery Mildew, Silver Mites, Red Spider Mites, Flat Mite, Leaf Spot, Rust. Apply 10-30 lbs. per acre. Apply at bloom or early petal fall. Repeat as necessary, usually 10-14 days, or after a period of wet weather.

PENAUTS: Powdery Mildew, Red Spider Mites, Leaf Spot, Rust, Two-spotted Mite. Apply 3 to 5 lbs. per acre. Start in early leaf stage. Repeat application as necessary, usually 10-20 days.

PECANS: Powdery Mildew, Red Spider Mites, Leaf Spot, Eriophyd Mites, Flat Mite, silver mite, Sooty Mold, Two-Spotted Mite. Apply 5 to 10 lbs. per acre. Apply throughout the season as needed. Note that some varieties of pecans are sensitive to sulfur spray under certain conditions. Do not apply unless varieties are known to be tolerant to sulfur.

PEPPERMINT, SPEARMINT: Powdery Mildew. Apply 4-6 lbs. per acre when mint is 5-6" tall or when disease appears. Repeat twice at 30 days intervals. Do not apply within 30 days of harvest.

PINEAPPLE: Mites. Apply 10 to 30 lbs. per acre. Apply as needed.

PISTACHIOS: Mites. Apply 10 to 20 lbs. per acre. Begin application in June - July. Make additional applications as necessary. When temperatures exceed 90°F, lower rates and more frequent applications are advised in order to avoid crop injury.

PLUMS AND PRUNES: Brown Rot Blossom and Twig Blight, Powdery Mildew, Silver Mites, Red Spider Mites, Flat Mite, Leaf Spot, Rust. Apply 10 to 30 lbs. per acre. Apply at bloom or early petal fall. Repeat as necessary, usually 10-14 days, or after a period of wet weather.

POMEGRANATE: Mites. Apply 3 to 10 lbs. per acre. Begin application in May or June. Make additional applications on a 3-4 week schedule, or as necessary. Use higher rates if past mite damage has been high. If temperatures exceed 90°F, lower rates and more frequent applications are recommended to avoid crop injury.

QUINCE: Brown Rot, Powdery Mildew, Scab. Apply 10 to 30 lbs. per acre. Begin application at early leaf stage and repeat as necessary. Do not use on sulfursensitive varieties.

RASPBERRY (RUBIS SPP): Powdery Mildew, (Sphaerotheca Humuli), Red Berry Mite. Apply 6-15 lbs. per acre. Spray each week starting at first bloom color. Continue until fruit is set; then repeat as weather requires.

SOYBEANS: Leaf Spot, Powdery Mildew, Rust. Apply 10 to 15 lbs. per acre. Apply at early leaf stage and repeat at 7 to 14 day intervals or as needed.

SPINACH: Powdery Mildew, Rust. Apply 4 to 6 lbs. per acre. For use on spinach to be processed only. Do not use on fresh spinach as sulfur has been shown to have phytotoxic effects on certain varieties of spinach. Spray on a small area first to test for phytotoxicity before making a full application. Apply when disease first appears and repeat at 7 to 10-day intervals or as needed.

SQUASH (PUMPKINS, SUMMER AND WINTER SQUASH): Powdery Mildew. Apply 5-10 lbs. per acre. Apply when disease first appears and repeat as needed. Sulfur can injure plants, especially when temperatures reach 90°F. Do not use on sulfur sensitive varieties.

STRAWBERRIES: Powdery Mildew, Red Spider Mites, Two-Spotted Mites. Apply 5-10 lbs. per acre. Start in early leaf stages. Repeat application with or without pesticides. For Powdery Mildew, begin at first signs of disease and repeat as necessary.

SUGAR BEETS: Red Spider Mites (Spp), Powdery Mildew. Apply 10-20 lbs. per acre. Apply at first indication of problem with or without other pesticides. Repeat as necessary.

SUGARCANE: Mites. Apply 8-15 lbs. per acre. Apply when mite pressure is imminent and repeat application as necessary.

SWEET POTATOES: Leaf Spot Mites, Powdery Mildew, Red Spider Mites. Apply 5 lbs. per acre. Apply at early leaf and repeat every 14 days or as needed.

TABLE BEETS: Powdery Mildew, Red Spider Mites. Apply 3-5 lbs. per acre. Apply at first indication of problem with or without other pesticides. Repeat as necessary.

TOMATOES: Russet Mites, Powdery Mildew, Two-Spotted Mites. Apply 10-20 lbs. per acre. Thorough coverage is required.

TURNIPS, PARSNIPS, HORSERADISH, RADISHES, RUTABAGAS: Powdery Mildew, Red Spider Mites, Rust. Apply 3-10 lbs. per acre. Apply at early leaf stage and repeat every 14 days or as needed.

COMMERCIAL TURF AND GRASS (INCLUDING GOLF COURSES, SOD FARMS, AND GRASS GROWN FOR SEED: Fusarium Patch (suppression). Apply 3-10 lbs. per acre. Application must begin at the very first stage of disease or as a preventative treatment when conditions favor disease. Repeat applications as needed. Tank mixing systemic fungicides will improve control and help in a resistance management program with these fungicides.

WALNUTS MACADAMIA NUTS: European Red Mites, Pacific Mites, Almond Mites, Two-Spotted Mites, Red Spider Mites, Broad Mite. Apply 10-20 lbs. per acre. Apply with mite sprays during season to increase the effectiveness of miticides. Certain varieties of walnuts are sensitive to sulfur sprays under certain conditions. Do not apply unless the varieties of walnuts are sensitive to sulfur sprays under certain conditions. Do not apply unless the varieties are known to be tolerated to sulfur in your area.

ALWAYS CONSULT THE LABEL BEFORE USING THIS PRODUCT.