

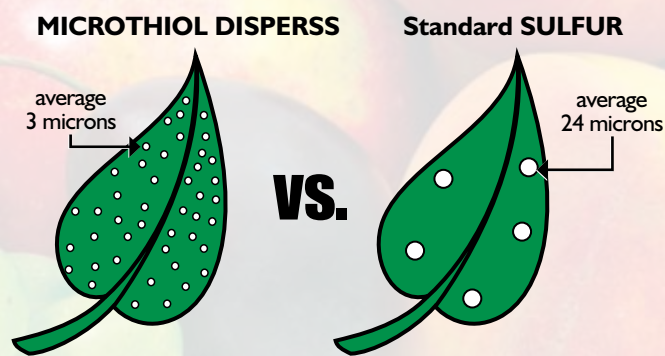
Combining Sulfur & Science to Deliver Superior Protection from Powdery Mildew.

- **Excellent efficacy against targeted diseases and mites**
- **Patented Disperss[®] Technology**
- **OMRI certified formulation**
- **Cost-effective resistance management partner**
- **Excellent tank-mix compatibility**
- **Low dust formulation**

Disperss Technology Makes the Difference

Microthiol Disperss is formulated using a patented micronizing process that ensures uniform hyper-dispersable granules. Microthiol Disperss is a dry flowable formulation made of finely ground sulfur particles with an average size of 3 microns; improving suspendibility in the spray tank and providing more consistent coverage and greater surface contact than traditional and wettable powder sulfur products.

The result is excellent efficacy against powdery mildew and other targeted diseases and mites.



Microthiol Disperss particles average 3 microns compared to standard sulfur formulations which average 24 microns. This means that there are 8x more particles in Microthiol Disperss.

How Does Weather Affect The Activity of Microthiol Disperss? _____

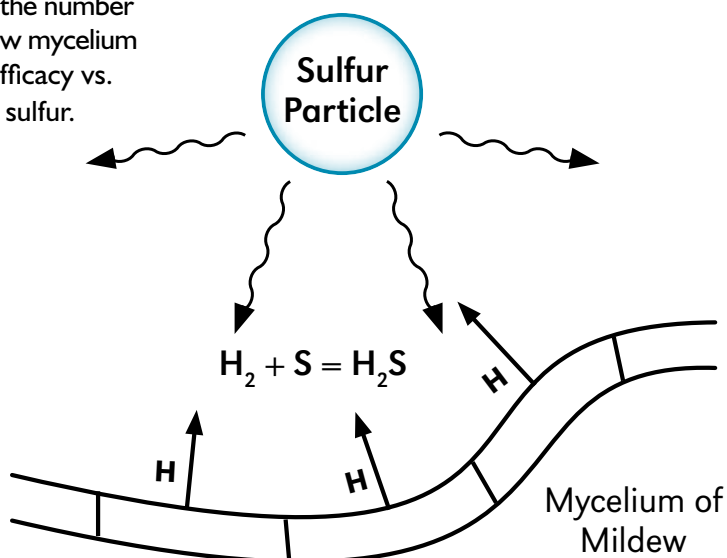
Sulfur activity increases with heat and light intensity. Conversely, activity decreases with high air movement because it disperses the sulfur vapors.

The optimum temperatures for Microthiol Disperss' activity are the same as that for development of Powdery Mildew. Optimal fungal growth occurs above 72° F.

How Does Microthiol Disperss Work As A Fungicide? _____

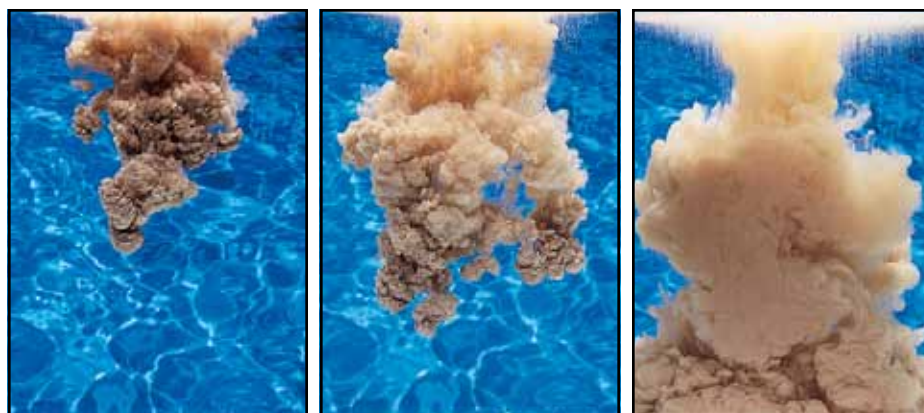
The action of sulfur is complex and functions primarily in the respiration process. When sulfur is applied to the plant, vapors are released. The Powdery Mildew mycelium produces hydrogen, which reacts with the sulfur to form hydrogen sulfide (H_2S), a gas toxic to the fungal pathogen.

Small particle size increases the number of contact points with mildew mycelium and inturn, increases the efficacy vs. standard wettable powder sulfur.



Dispersion Quality Of Microthiol _____

The unique Disperss formulation of Microthiol dissolves rapidly in water and stays in suspension longer than standard compounds with 80% remaining in suspension after 1 hour of standing.





An Environmentally Conscious Sulfur Choice

Microthiol Disperss' unique formulation allows you to protect both your crops and the environment. Microthiol Disperss is applied directly to the crop from a tank-mixed, water based spray. This means that you do not have to worry about drifting that occurs with dusting sulfur formulations, especially near populated areas. UPI's Microthiol Disperss has also earned OMRI Certification. In summary, Microthiol Disperss allows you to practice Sulfur Stewardship, without sacrificing product performance or crop protection.

Active Ingredient

Sulfur

FRAC Group

M2

Microthiol Disperss Controls

Powdery Mildew
Leaf Spot
Rust
Mites

See label for full list of diseases and mites controlled.

MICROTHIOL
DISPERSS
MICRONIZED WETTABLE SULFUR



General Use Rates

- Grapes:** 3-10 lbs/A at 7-14 day intervals, or as needed.
Tree Nuts: 10-20 lbs/A (apply as needed throughout the season)
Stone Fruits: 10-20 lbs/A at 7-10 day intervals or as needed
Citrus: 10-20 lbs/A (apply as needed - do not apply within 21 days of an oil spray)
Sugar Beets: 5-10 lbs/A at 7-14 day intervals, or as needed. Apply as soon as symptoms appear.
Tomatoes: 5-20 lbs/A at 7-10 day intervals, or as needed. Apply as soon as symptoms appear.

REI 24 hours

Key Crops

Field Crops	Pome Fruit	Fruit and Berries	Stone Fruit	Vegetables	Tree Nuts	Vines
alfalfa cereals cotton peanuts potatoes soybeans sugar beets sugarcane	apples pears	blackberry boysenberry blueberry dewberry citrus currant gooseberry huckleberry loganberry raspberries strawberries	cherries nectarines peaches plum prune	asparagus broccoli cabbage cauliflower carrots celery cucumbers eggplant lettuce melons onions peppers spinach squash tomatoes	almonds macadamias pecans pistachios walnuts	grapes hops

See label for full list of labeled crops.

The Benefits Of Microthiol Disperss As A Miticide

- effective on both nymphs and adults
- active as a mite repellent
- harmless to beneficial insects that prey on mites

Before applying Microthiol Disperss, read and follow label instructions and precautions. Certain crops may be temperature sensitive to sulfur. Use caution when temperatures reach and/or exceed 90°F. Contact your local extension agent for additional information and recommendations.



Contact your local UPI sales representative or distributor, call 1-800-438-6071 or visit www.upi-usa.com for more information.

