



BioWorks®

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SuffOil-X®



SuffOil-X is an Insecticide, Miticide and Fungicide. It is a unique concentrate of pre-emulsified, highly refined, high paraffinic, low aromatic oil. It is the ideal choice against aphids, mites and powdery mildew in a broad range of field grown vegetables, tree fruits, small fruits and hops.

Active Ingredient: Mineral Oil

Benefits & Features

- Suffocates eggs, larvae, nymphs and adult soft-bodied insects and mites
- **Pre-emulsified to stay in suspension**
- **Excellent compatibility with pesticides labeled for use with oil** (see label precautions)
- Exempt from residue tolerance



INSECT & MITE CONTROL

SuffOil-X applications are more uniform than conventional oil emulsions. Uniform applications improve effectiveness and greatly reduce the chance of plant phytotoxicity.



SUPERIOR FORMULATION

Suffoil-X is a light weight oil posing less risk of phytotoxicity to plants compared to heavy oils. The small droplet size allows for more uniform coverage and a thinner coating of the leaf surface.



STABLE AND RELIABLE

SuffOil-X will not separate for many hours in a spray tank. The stable emulsion is long lasting, ensuring the spray application is consistent.



SUSTAINABLE. SIMPLE. SUPPORT.

For over 25 years, BioWorks has been helping our customers to develop effective and efficient programs using safer, sustainable products - backed by a personalized approach to support.

At BioWorks, we strive to simplify the use of biologicals with our ongoing commitment to information, education and service.

**AN INSECTICIDE, MITICIDE AND FUNGICIDE - SPRAY OIL EMULSION****PRODUCT INFORMATION**

- Mineral Oil
- Available Sizes:
9.46, 113.56 and 946.35 liter

REI & PHI

- 12-hour REI, 12-hour PHI

Suitable for organic farming

in compliance with Council Regulation (EC) 834/2007 and/or NOP Regulation and/or JAS Regulation.

SHELF LIFE

Below 0 °C:	Do not freeze
Refrigeration 4 °C:	Not needed
21-24 °C:	2 years
Above 24 °C:	Store cool

PCPA REGISTRATION NO. 33099

**APPLICATION NOTES****LIGHT SPRAY OIL (GENERAL GUIDELINES)**

- Do not mix with sulfur-based fungicides or insecticides (see label for specific product precautions)
- Do not apply on overcast, humid days, or before/after rain
- Spray when humidity is less than 90% so the oil can dry in 1-2 hours
- Spray early in the day before temperatures reach 33-35 °C
- Do not apply when plants show drought stress
- Apply when the temperature is above 4 °C and there is no danger of freezing
- Ensure thorough coverage

Foliar Spray Applications: 13 L SuffOil-X /1000 L water.

Use a minimum of 50 L/ha and a maximum of 1000 L/ha of spray solution.

**CROPS**

SuffOil-X is labeled for use on a wide variety of crops, including:

- Tree Fruits: Apple, Apricot, Cherry, Nectarine, Peach, Pear, Plum
- Small Fruits: Blackberry, Blueberry, Cranberry, Grape, Raspberry, Strawberry
- Vegetables: Brassicas, Cucurbits, Fruiting Vegetables, Lettuce, Onions and Potatoes
- Hops

TECHNICAL SUPPORT

If you are a commercial grower with questions or if you want to discuss a particular issue, contact us.

Our team is ready to discuss your crop-specific issues or any questions you have about our products. We will provide you with rapid, comprehensive and personalized support.

(800) 877-9443 or expert@bioworksinc.com

BROAD SPECTRUM CONTROL

- **Aphids**
- **Mites**
- Mealybugs
- **Powdery Mildew**
- Scales
- Spider mites
- **Thrips**
- Whiteflies