



BioWorks®

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SuffOil-X®



SuffOil-X is an Insecticide, Acaricide and Fungicide. It is a unique concentrate of pre-emulsified, highly refined, high paraffinic, low aromatic oil. It is the ideal choice for effective insect, mite and disease control in a broad range of greenhouse and nursery ornamentals, field grown and greenhouse 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 achieve uniform coverage
- Works well in high- or low- pressure spray applications
- Excellent compatibility with pesticides labeled for use with oil
- Penetrates dense spots in plant canopy
- Pre-emulsified to stay in suspension as a homogeneous mix without vigorous agitation
- 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 does not risk crops by using heavy oils. Suffoil-X is a light weight oil posing less risk to plants compared to heavy oils.



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 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, ACARICIDE 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

For use on greenhouse and outdoor ornamentals, greenhouse and field grown vegetables, tree fruits, small fruits and hops.

SHELF LIFE

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

PCA REGISTRATION NO. 33099

MPS Code: 3444/Orange

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

- Ensure thorough coverage
- Do not apply on overcast, humid days or after rain
- Spray when humidity is less than 90%
- Spray early in the day before temperatures reach 33-35 °C
- Ensure soil moisture is adequate and plants are not drought stressed
- Do not mix with sulfur-based fungicides or insecticides
- Apply horticultural oils only when the temperature is above 4 °C and there is no danger of freezing

**APPLICATION RATES**

Foliar Spray Applications: 1-2% (10-20 L SuffOil-X /1000 L water)

Dip Applications: 1-5 ml SuffOil-X / 1 L water

SuffOil-X is labeled for use on a wide variety of crops within these categories:

- Tree Fruits and Hops
- Small Fruits
- Field Grown Vegetables
- Outdoor Ornamentals
- Greenhouse Ornamentals
- Greenhouse Grown Vegetables

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.

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BROAD SPECTRUM CONTROL

- Aphids
- Armored scales
- Mites
- Mealybugs
- Powdery Mildew
- Soft scales
- Spider mites
- Thrips
- Whiteflies