



BioWorks®
How You Grow Matters™



Frequently Asked Questions

What is the mode of action of SuffOil-X®?

- Insecticide and miticide
- Suffocation of eggs, larvae, nymphs and adults of soft-bodied insects and mites
- Fungicide:
 - o Does not allow the fungal spores or mycelia to attach to the leaf
- Repellent:
 - o Temporarily masks the UV emissions from leaves that mobile insects recognize before feeding and egg deposition
- Virus transmission:
 - o Found to interfere with the transmission of aphid-borne mosaic viruses

Is it safe for plants?

Yes, a small test plot should be done before application to ensure safety. The unique formulation allows for less oil to be applied with equal or better results to competitors having a higher percentage of oil. Less oil and smaller droplets provide greater safety for plants without loss of efficacy.

Is it safe for beneficial insects

- SuffOil-X leaves no toxic residues therefore is less disruptive to beneficial insects
- Allows beneficials to rapidly repopulate a sprayed area
- Some beneficials can avoid sprays due to their mobility

Is it systemic?

No, it is a contact material

What pests does it kill?

SuffOil-X has a wide range of activity on most mites, scale, aphids, psyllids, mealybugs, early stage caterpillars, whiteflies, leafminers and other immature or adult soft bodied insects. It is also effective on eggs of mites, aphids and some moths

Does it work on soil inhabiting insects?

No

Can you tank mix it?

- SuffOil-X is compatible with many commonly used insecticides and fungicides
- Do not use with any product whose label does not recommend the use of oils
- Do not use in combination with or immediately before or after spraying with fungicides containing sulfur:
 - o Captan™, Folpet, Oxythioquinox (Morestan™) or any other product containing sulfur
- Do not use with:
 - o Carbaryl™ (Sevin) or Dimethoate (Cygon™)
- Do not use in combination with NPK foliar fertilizer applications



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Have there been any phytotoxicity issues?

SuffOil-**X** ensures that the spray application is consistent from the beginning of an application to the end. The small droplets allow for a more uniform coverage and thinner coating of the leaf surface. The unique formulation makes it possible for the 80% oil in SuffOil-**X** to be as effective if not more effective than the 90% oil in competitors' formulations. Therefore less oil is applied to the crop and lessens the possibility of crop damage. There have been no phytotoxicity issues when SuffOil-**X** is used as directed.

Is SuffOil-X** OMRI listed?**

Yes. SuffOil-**X** was approved for organic use in June 2009.