

EnSpray 99[®]

SPRAYING OIL

INSECTICIDE
FUNGICIDE



4547

The benefits of EnSpray 99[®] Spraying Oil:

- **A Fungicide:** Effective stand alone across a range of plant species
- **An Insecticide:** Effective across a range of home garden pests
- **An Adjuvant:** A biological and chemical insecticidal carrier with unique sticking, spreading and UV protective features
- **Behaviour Modifier:** Deters feeding and/or egg laying behaviour on a range of key home garden pests

EnSpray 99[®] Spraying Oil applications:

- Foliar spraying

A superior refined mineral oil that is BioGro[®] certified. Unsulphonated residue not less than 99.8%. No more than 1% impurities.

An emulsifiable, narrow range protective spray oil for the control of:

- Thrips
- Mites
- Aphids
- Scale
- Powdery mildew
- Botrytis



HOW ENSPRAY 99® SPRAYING OIL WORKS

- Insecticide Action:**
 Suffocation - **EnSpray 99®** inhibits eggs, nymphs and adult insects and mites breathing resulting in suffocation. This mode of action is through direct contact.
- Behaviour Modification:**
EnSpray 99® can also affect feeding and egg laying activity by interfering with a pest's ability to detect host plants.
EnSpray 99® protects the plant from feeding damage and reduces the population density. Oil has been found to affect the feeding and egg-laying behaviour of leafminers, thrips, whiteflies and mites.
- Fungicide Action:**
EnSpray 99® Suffocates pathogen
EnSpray 99® Prevents fungi adhesion to the host
EnSpray 99® Prevents sporulation and decreases lesion adhesion, as a preventative and curative
EnSpray 99® Prevents infection
EnSpray 99® has demonstrated broad-spectrum activity against many fungi such as powdery mildew, greasy spot, sooty mold, rust and Botrytis.
- Adjuvant Action:**
EnSpray 99® has a synergistic effect when mixed with most pesticides by protecting them from breakdown, increasing their efficacies, enhancing cuticular penetration of pesticides and ensuring chemical residue will last longer on plant surface. It also reduces evaporation and spray drift. It can increase the adherence and spreading by reducing surface tension.

WHY USE ENSPRAY 99®?

- Product Purity**
EnSpray 99® has less than 1% impurities - Impurities cause damage and restrict growth the longer they stay on the plant surface. **EnSpray 99®** purity means it can stay on the plant surface and keep working without damaging the plant or restricting growth.
- Optimal Weight Oil**
 An oil's weight, or carbon number, influences its ability to stay on the plant surface. Because **EnSpray 99®** persists on the leaf surface longer it means:
 More pests killed.
 Significantly greater effectiveness in modifying the behaviour of pests.
- Super Sticking**
EnSpray 99® superior rainfastness means it will keep the insecticide on the plant longer - allowing more time for pest control for both the insecticide and **EnSpray 99®**.
- Super Spreader**
EnSpray 99® contains a unique surfactant formulation that provides for superior spreading of spray droplets. This means more pests come into contact with the spray.

PLANTS	USE	RATE
Deciduous plants: Apples, pears and stonefruit	For control of European red mite, San Jose scale, aphids and powdery mildew	15-20ml per litre of water. For scale control apply during dormant period up until green tip
Citrus	For the control of scale insects, aphids, citrus red mite, thrips and powdery mildew	10ml per litre of water
Evergreen Plants: Roses and Ornamentals	For the control of European red mite, mealy bug, scale insects, aphids and powdery mildew	
If you have any doubt about crop safety contact Grosafe Chemicals Ltd. or apply to a small area first. Nil withholding period		
Indoor plants	Leaf polish. Apply with a soft cloth	5ml per 200ml (1 cup) of water



Grosafe garden

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