

Neem Oil and Spinosad Insecticide

PRODUCT DESCRIPTION

Margospin™ is a dual-action insecticide combining neem oil derived from *Azadirachta indica* with Spinosad, a fermentation metabolite of *Saccharopolyspora spinosa*. This combination provides broad-spectrum pest control through both botanical and microbial insecticidal mechanisms.



MECHANISM OF ACTION

Neem Oil Actions

- Repellent Effect
- Feeding Deterrence
- Growth Disruption



Spinosad Actions

- Contact Activity
- Nervous System Disruption
- Rapid Mortality

APPLICATION & DOSAGE

Foliar Spray	5 mL per litre of water
Application Dosage	1 L per acre
Repeat Spray	7 - 10
Best Time	Early morning or late afternoon

TARGET PATHOGENS: Fungal pathogens: Powdery mildew, black spot, rust, anthracnose (due to neem oil's antifungal properties).

TARGET PESTS: Thrips, Aphids, Whiteflies, Leaf miners, Caterpillars, Mealybugs and mites, Sucking pests, Beetles and Weevils, Boring pests, Flies

KEY BENEFITS



Antifeedant Action



Growth Regulator Effect



Repellent Activity



Oviposition Deterrent



Broad-Spectrum Pest Control



Eco-Friendly Biopesticide



Safe for Beneficial Insects



Improved Crop Protection

TECHNICAL SPECIFICATIONS

Parameter	Specification
Active Ingredients	Neem Oil, Spinosad
Concentration	70% Neem Oil + 1.6% Spinosad
Botanical Source	<i>Azadirachta indica</i> , <i>Saccharopolyspora spinosa</i>
Formulation Type	Emulsifiable Concentrate
Appearance	Brown Color Liquid
Shelf Life	24 months
Solubility	Completely soluble in water

STORAGE & HANDLING



Store in a cool, dry place



Keep container sealed after use



Protect from direct Sunlight and Moisture



Avoid contact with Chemicals

SAFETY INFORMATION



Wear gloves and mask during application



Wash hands after use



Avoid inhaling dust during handling



Keep out of reach of children