



# MargoSpin™

*Neem Oil + Spinosad*

MargoSpin is a synergistic bio-insecticide formulated from two powerful natural actives – Neem oil (*Azadirachta indica*) and Spinosad (from *Saccharopolyspora spinosa*). This unique blend provides a dual mode of action: Neem oil acts as a repellent, antifeedant, and insect growth regulator, while Spinosad provides rapid knockdown and long-lasting control of chewing and sucking pests. The synergistic action of neem oil and spinosad enhances pest control efficacy, delays resistance development, and promotes healthy, productive crops.



## Product Overview

### Active Ingredients

Neem Oil, Spinosad

### Formulation Type

Emulsifier Concentration (EC)

## Application Guidelines

### Dosage (per acre)

500 - 700 ml

### Dilution

2 - 3.5 mL/L

## **Target Pathogens**

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

## **Pests Controlled**

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

## **Key Benefits**

- Combines two natural insecticides for broad-spectrum control.
- Fast knockdown action with long residual effect.
- Repels and kills pests through multiple biological mechanisms.
- Safe for pollinators, beneficial insects, and the environment.
- 100% biodegradable and residue-free – ideal for organic farming.

## **Use Sites**



Nurseries



Gardening



Greenhouse



Turf



Agriculture



Horticulture



Forestry



Hydroponics



Chemigation



Soil Drench

## **Shelf Life & Storage**

24 months from manufacturing date. Store in a cool, dry, well-ventilated.

## **Ideal Spray Interval**

7 to 10 Days depending on the pest incidence.

## **Re-Entry & Pre-Harvest Intervals**

REI: 4 Hours | PHI: 0 days (Harvest can be carried out immediately after application).

## **Safety & Handling**



Safe for humans, & beneficial organisms.



Wear protective gloves & mask.



Avoid contact with eyes & skin.



Wash equipment & hands after use.