

MARGOSA-PLUS

(PLANT-BASED INSECT CONTROL)

INTRODUCTION:

Margosa-Plus is a highly concentrated, full-strength, plant-based insecticide derived from the seed kernels of the *Azadirachta Indica*, commonly known as the Neem tree. This product is recommended for controlling a wide variety of insect species, encompassing over 200 different types.

Margosa-Plus leverages the insecticidal properties of neem, which is known for its active compound azadirachtin. This compound disrupts the hormonal systems of insects, inhibiting their ability to feed, grow, and reproduce. Using Margosa-Plus provides an effective and eco-friendly solution for integrated pest management in agricultural and horticultural settings.

COMPOSITION:

Component	Content (% w/w)
Azadirachtin a.i.	: 1.00
Adjuvants	: 99.00

BIOLOGICAL PROPERTIES:

Mode of Action:

- 1. Anti-Feedant:** Margosa Plus prevents insects from feeding on treated plant tissue. This protection ensures that foliage remains undamaged, and the insects eventually starve to death due to lack of sustenance.
- 2. Insect Growth Regulator (IGR):** The product interferes with the growth and reproductive cycles of insects. Insects exposed to Margosa Plus fail to mature and reproduce, leading to a gradual decline in their populations or maintaining them at manageable levels.
- 3. Anti-Ovipository & Repellent:** Margosa Plus significantly reduces the likelihood of insect infestations on treated plants. This repellent property adds a preventive aspect to pest control programs, making it harder for insects to establish themselves.

RECOMMENDATIONS:

Crop	Pests	Doses (ml/ha)	Dilution in water (liters)	PHI (Days)
Vegetables, Ornamentals, Fruits and Cereal crops.	A broad spectrum of over 200 insect species including Aphids, Mealybugs, Caterpillars, Japanese Beetle, Whiteflies, Mites, Root Aphids and Thrips.	Vegetables, ornamentals plants: 350-450 ml/ha	500-700	5 days
		Fruits and Cereals crops: 450-600 ml/ha	700-800	5 days

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