



k-Guard™

Karanjin 2% EC

K-Guard is a 100% natural botanical bio-acaricide derived from Pongamia glabra, enriched with karanjin—a potent natural furano-flavonoid known for its insecticidal and antiseptic properties. It provides both preventive and curative protection, offering broad-spectrum control against insect pests and mites.

Application Guidelines

Dosage (per acre)

450 - 750 ml

Dilution

3 - 5 ml/L

Product Overview

Active Ingredients

Karanja Oil

Formulation Type

Emulsifier Concentration (EC)

Pests Controlled

Aphids, Thrips, Whiteflies, Leafhoppers, Mealybugs, Scale insects, Mites, Jassids, Psyllids, Beetles, Caterpillars, Leafminers, Bugs & Hopper pests, Small soft-bodied insects & nymphal stages.

Key Benefits

- 100% natural, biodegradable, and eco-friendly.
- Safe for beneficial insects, pollinators, and soil microbes.
- Exhibits insecticidal, repellent, and therapeutic properties.
- Biopesticide, Miticide, Bactericide, Acaricide, suitable for organic farming.
- Enhances plant health and vigor by reducing pest pressure.

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 14 Days depending on the pest incidence.

Re-Entry & Pre-Harvest Intervals

REI: 0-4 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.