

# PEST MANACEMENT IN BLACK PEPPER



Mealy bugs



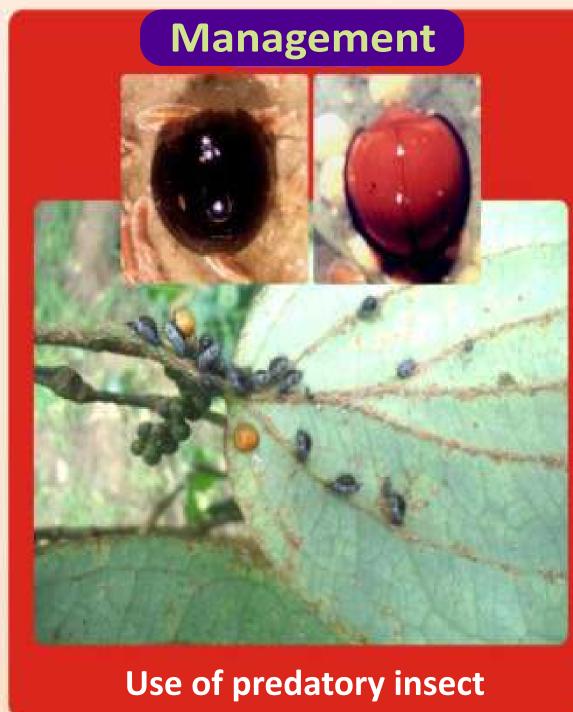


### Management

Drenching insecticide chlorpyriphos 20EC @ 5 ml per litre of water
 Drenching solution 3 litres per vine

### **Scales**





# **Thrips**

Management
Spraying insecticide imidacloprid
0.5 ml/litre or
Dimethoate 1.7 ml/litre







Indian Council of Agricultural Research, New Delhi I.C.A.R - Krishi Vigyan Kendra, Mudigere, Chikkamagaluru



## PRODUCTION TECHNOLOGIES OF CARDAMOM

- Cardamom, the queen of spice crops, is a shade-growing perennial crop.
- Cardamom can be grown as intercrop in Arecanut plantation or under the shade of evergreen trees.
- Grown in the Western Ghats regions like Chikkamagaluru, Kodagu, Hassan and Uttara Kannada district.

#### **Soil and Climate**

- Fertile Red clay and Alluvial soil with pH (5.5 to 6.5) are suitable.
- Cardamom can be grown in areas of 600 to 1500 meters from Mean Sea level.
- 200 mm of rainfall in summer and an average temperature of 15 to 25°C are suitable weather condition.

**Planting:** June, August and September.

**Cultivars**: Mudigere-1, Mudigere-2, Mudigere-3, CCS-1, ICRI-3, Avinash (RR-1), SKP-14 and Farmer practicing variety Nylani (Green Gold).

**Propagation:** Seeds, suckers and Tissue culture method.



- · Plant to plant spacing 1.8 m x 1.8 m is ideal and total of 3025 plants can be planted per hectare area.
- · In Arecanut plantation, 1370 plants can be planted per hectare area at a distance of 2.7 m x 2.7 m.
- · Manure 30 tons of Compost or Farm yard manure per hectare area.

## **Fertilizer application**

Plant age	Rainfed area (Kg/ha)	Irrigated area (Kg/ha)
First year (First split/45 days after planting)	Nitrogen - 25	Nitrogen - 25
	Phosphorus - 25	Phosphorus - 25
	Potash - 50	Potash - 50
	(Two splits)	(Two splits)
Second year	Nitrogen - 40	Nitrogen - 60
	Phosphorus - 40	Phosphorus - 60
	Potash - 80	Potash - 80
	(Two splits)	(Three splits)
Third year	Nitrogen - 75	Nitrogen - 125
	Phosphorus - 75	Phosphorus - 125
	Potash - 150	Potash - 250
	(Two splits)	(Three splits)





Mudigere, Chikkamagaluru