

5) Remedies from organic material Ginger



Target Diseases & Insect-Pests:

Fungi: Cercospora.

Method of Application:

Extract juice from ginger rhizome.

- Use it as spray.

6) Remedies from organic material Goat weeds



Target Diseases & Insect-Pests:

Insect: diamond back moth, cotton strainers, flies, snout beetles, maize weevils, stored beetles

- Nematodes and bacteria in general

Method of Application:

Dried and powdered plant material or water extract as spray.

- Planting goat weed as neighbouring plant against pest attack.
- Used as mulch.



BOTANICAL REMEDIES : REMEDIES FROM PLANT MATERIAL IN NATURAL CONTROL



Compiled by:

T. Esther Longkumer, CTO-Soil Science

Hannah K Asangla, ACTO-Agronomy

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Director, ICAR-NRC on Mithun

Medziphema-797106, Nagaland



**KRISHI VIGYAN KENDRA
ICAR-NRC ON MITHUN
PORBA, PHEK-797107
NAGALAND
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INTRODUCTION

Natural Farming is a chemical-free alias traditional Indian farming practice. It is a culture where plants are grown close to 100% natural environment with least human intervention. Natural farming promotes natural catalyst of biological activity in the soil and natural protection from diseases. It promotes protection and cure of infected plants using on-farm produced botanical formulations.

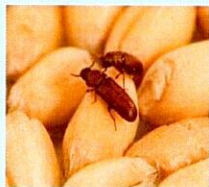
1) Remedies from organic material: Citronella grass



Target Diseases & Insect-Pests:

Insects: storage pests, cockroaches, mosquitoes, fruit flies

- Fungi: Aspergillus, Macrophomina.
- Bacteria: Erwinia carotovora.



Method of Application:
Oil as repellent

1) Remedies from organic material: Finger millet



Target Diseases & Insect-Pests

Insect: army worms, caterpillars, cutworms, fruit flies

Method of Application

Residues as mulch, Grown as trap for cutworms, Soak residue in water for spraying fruit flies.

1) Remedies from organic material French marigold



Target Diseases & Insect-Pests

Insect: rice green leafhoppers, brown plant hoppers, diamond back moth, black bean aphids, ants, beetles, cotton strainers, flies, maize borers, storage pests

- Fungi: Coeliobolus, Pyricularia, Uramyces, Phytophthora
- Nematode and bacteria in general

Method of Application

Plant together with crop to attack nematodes

- Leaves prevent stored pests
- Dusting plants with dried, powdered parts
- Crush 100-200g leaves, roots, flowers, pour on 1 litre boiling water, soak for 24 hrs, add 1 litre cold water, soap, mix and spray.

1) Remedies from organic material Garlic



Target Diseases & Insect-Pests

Insects in general

- Fungi: Alternaria, Cercospora, Colletotrichum, Curvularia, Fusarium, Helminthosporium, Pestalotia, Cochliobolus,
- Bacteria: Xanthomonas

Method of Application

Plant together with crop to attack nematodes

- Leaves prevent stored pests
- Dusting plants with dried, powdered parts
- Crush 100-200g leaves, roots, flowers, pour on 1 litre boiling water, soak for 24 hrs, add 1 litre cold water, soap, mix and spray.