

BOTANICAL PEST CONTROL

FUNGICIDAL PLANTS

Allium cepa (Red onion)

PART(S) -bulb

MODE OF PREPARATION AND APPLICATION

- Chop finely, soak in two teaspoons of oil for 1 day, then mix with half a liter of soapy water & filter.
- Mix 1 part solution with 20 parts water, then spray.

DISEASES CONTROLLED	
Cercospora	leafmold, leaf spot, early blight, frog-eye
Colletotrichum	leaf spot, anthracnose, fruit rot, smudge
Curvularia	leaf spot, leaf blight
Fusarium	damping-off, stem and root rot, early blight, wilt, curly top
Pestalotia	leaf spot
Helminthosporium	leaf blight



Amaranthus gracilis (Amaranth)

PART(S) -leaves

MODE OF PREPARATION AND APPLICATION

- Extract juice of 1 kg. leaves, then mix juice with 3 liters of water and spray.

DISEASES CONTROLLED	
Cercospora	leafmold, leaf spot, early blight, frog-eye
Colletotrichum	leaf spot, anthracnose, fruit rot, smudge
Curvularia	leaf spot, leaf blight
Pestalotia	leaf spot
Alternaria	fruit rot, early blight, purple blotch, leaf spot
Helminthosporium	leaf blight



Leucaena leucocephala (Ipil-ipil)

PART(S) -leaves

MODE OF PREPARATION AND APPLICATION

- Pound, soak in small amount of water and use.
- infusion as spray

DISEASES CONTROLLED	
Colletotrichum	leaf spot, anthracnose, fruit rot, smudge
Curvularia	leaf spot, leaf blight
Pestalotia	leaf spot
Helminthosporium	leaf blight
Alternaria	fruit rot, early blight, purple blotch, leaf spot
Cercospora	leafmold, leaf spot, early blight, frog-eye



Moringa oleifera (Drumstick/horseradish)

PART(S) -leaves

MODE OF PREPARATION AND APPLICATION

- Extract juice of 1 kg. leaves, then mix juice with 3 liters of water and spray.

DISEASES CONTROLLED	
Colletotrichum	leaf spot, anthracnose, fruit rot, smudge
Pestalotia	leaf spot
Diplodia	fruit and stem rot
Alternaria	fruit rot, early blight, purple blotch, leaf spot



Impatiens balsamina (Kamantigi)

PART(S) -leaves

MODE OF PREPARATION AND APPLICATION

- Extract juice of 1 kg. leaves, then mix juice with 3 liters of water and use as spray.

DISEASES CONTROLLED	
Alternaria	fruit rot, early blight, purple blotch, leaf spot
Cercospora	leafmold, leaf spot, early blight, frog-eye



Centella asiatica leaves (Takip-kuhol)

PART(S) -leaves

MODE OF PREPARATION AND APPLICATION

- Extract juice of 1 kg. leaves, then mix juice with 3 liters of water and use as spray.

DISEASES CONTROLLED	
Fusarium	damping-off, stem and root rot, early blight,
Helminthosporium	wilt, curly top, leaf blight



Jatropha multifida (Mana)

PART(S) -leaves

MODE OF PREPARATION AND APPLICATION

- Extract juice of 1 kg. leaves, then mix juice with 3 liters of water and use as spray.

DISEASES CONTROLLED	
Diplodia	fruit and stem rot
Fusarium	damping-off, stem and root rot, early blight, wilt, curly top



Gendarussa vulgaris (Bunlao)

PART(S) -leaves

MODE OF PREPARATION AND APPLICATION

- Extract juice of 1 kg. leaves, then mix juice with 3 liters of water and use as spray.

DISEASES CONTROLLED	
Alternaria	fruit rot, early blight, purple blotch, leaf spot
Colletotrichum	leaf spot, anthracnose, fruit rot, smudge



Cassia alata (Acapulco)

PART(S) -leaves

MODE OF PREPARATION AND APPLICATION

- Extract juice and spray at a rate of 1 cup juice/liter of water.

DISEASES CONTROLLED	
Alternaria	fruit rot, early blight, purple blotch, leaf spot
Cercospora	leafmold, leaf spot, early blight, frog-eye
Colletotrichum	leaf spot, anthracnose, fruit rot, smudge
Curvularia	leaf spot, leaf blight
Diplodia	fruit and stem rot
Fusarium	damping-off, stem and root rot, early blight,
Pestalotia	leaf blight, leaf spot
Helminthosporium	wilt, curly top, leaf blight



Designed and Reproduced by:



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BOTANICAL PEST CONTROL

FUNGICIDAL PLANTS

Carica papaya (Papaya)

PART(S)-leaves

MODE OF PREPARATION AND APPLICATION

-Pound, soak in water and use infusion as spray.

DISEASES CONTROLLED

Cercospora leafmold, leaf spot, early blight, frog-eye
Diplodia fruit and stem rot



Mimosa pudica (Sensitive plant)

PART(S) -leaves

MODE OF PREPARATION AND APPLICATION

-Pound whole plant, soak in water and use infusion as spray.

DISEASES CONTROLLED

Diplodia fruit and stem rot



Artemisia vulgaris (Damong maria)

PART(S)-leaves

MODE OF PREPARATION AND APPLICATION

-Extract juice and use as spray at a rate of 2-5 tablespoons juice/liter of water.

DISEASES CONTROLLED

Alternaria fruit rot, early blight, purple blotch, leaf spot



Zingiber officinale (Ginger)

PART(S) -rhizomes

MODE OF PREPARATION AND APPLICATION

-Extract juice and use as spray.

DISEASES CONTROLLED

Cercospora leafmold, leaf spot, early blight, frog-eye



Gliricidia sepium (Kakawate)

PART(S)-leaves

MODE OF PREPARATION AND APPLICATION

-Extract juice of 1 kg. leaves, then mix juice with 3 liters of water and use as spray.

DISEASES CONTROLLED

Cercospora leafmold, leaf spot, early blight, frog-eye



Coleus scutellarioides (Mayana)

PART(S)-leaves

MODE OF PREPARATION AND APPLICATION

-Extract juice of 1 kg. leaves, then mix juice with 3 liters of water and use as spray.

DISEASES CONTROLLED

Cercospora leafmold, leaf spot, early blight, frog-eye



Vitex negundo (Lagundi)

PART(S)-leaves

MODE OF PREPARATION AND APPLICATION

-Extract juice of 1 kg. leaves, then mix juice with 3 liters of water and use as spray.

DISEASES CONTROLLED

Cercospora leafmold, leaf spot, early blight, frog-eye



Blumea balsamifera (Sambong)

PART(S) -leaves

MODE OF PREPARATION AND APPLICATION

-Extract juice of 1 kg. leaves, then mix juice with 3 and 1 part water.

DISEASES CONTROLLED

Cercospora leafmold, leaf spot, early blight, frog-eye



Allium sativum (Garlic)

PART(S) -cloves

MODE OF PREPARATION AND APPLICATION

-Chop finely, soak in 2 teaspoons of oil for one day then mix with half a liter of soapy water and filter.

-Mix 1 part solution with 20 parts water, then spray.

DISEASES CONTROLLED

Alternaria fruit rot, early blight, purple blotch, leaf spot
Cercospora leafmold, leaf spot, early blight, frog-eye
Colletotrichum leaf spot, anthracnose, fruit rot, smudge
Curvularia leaf spot, leaf blight
Diplodia fruit and stem rot
Pestalotia leaf spot
Fusarium damping-off, stem and root rot, early blight,
Helminthosporium wilt, curly top, leaf blight

