



Most Common Pests & Diseases Found on Plants in the Cayman Islands



Disclaimer

The information in this publication is to be used as a guide only. It is the readers' responsibility to consult with the Department's Extension Services for proper identification. The Department of Agriculture cannot be held responsible for publication errors or any problems resulting from the use of this publication. Every effort has been made to provide the most accurate and current information available at the time of publication (October 2019). The list of hosts indicated are by no means exhaustive and as such the pests and diseases can be found on other crop species not indicated.

Plant Pest & Disease Identification Card

Category: Mealybug

Name: Pink Hibiscus Mealybug



Hosts

- Peppers
- Tomatoes
- Vine Crops
- Eggplant
- Ornamentals



Plant Pest Identification Card

Category: Mealybug

Name: Papaya Mealybug



Hosts

- Papaya Trees
- Avocado
- Mango
- Curry
- Pomegranate
- Peppers
- Tomato



Plant Pest Identification Card

Category: Mealybug

Name: Longtailed Mealybug



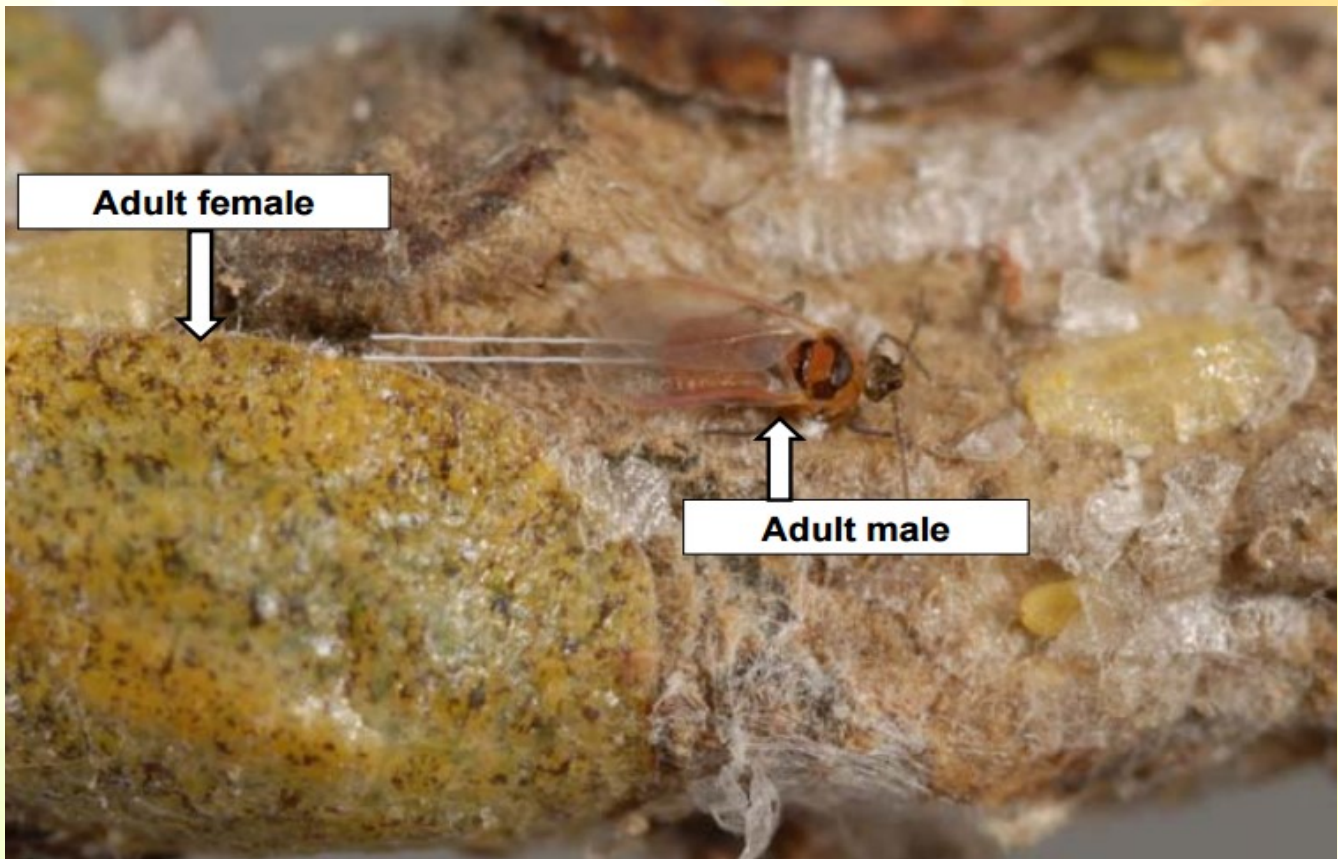
Hosts (wide host range)

- Avocado
- Pineapple
- Mango
- Citrus

Plant Pest Identification Card

Category: Scale Insect

Name: Croton Scale



Hosts

- Avocado
- Mango
- Plum
- Naseberry
- Figs
- Croton
- Red Birch



Plant Pest Identification Card

Category: Scale Insect

Name: Cottony Cushion Scale



Hosts

- Mainly woody plants
- Peppers
- Ornamentals
- Guavas
- Legumes



Plant Pest Identification Card

Category: Aphid

Name: Green Peach Aphid



Hosts

- Brassicas—chard, cabbage,
- Mustard
- Tomato
- Beet
- Parsley

Plant Pest Identification Card

Category: Thrips

Name: Redbanded Thrips

Hosts—extensive host range includes

- Mango
- Avocado
- Almond
- Ornamentals



Plant Pest Identification Card

Category: Thrips

Name: Ficus Thrips



Hosts

- Ficus plants



Plant Pest Identification Card

Category: Caterpillars and Moths

Name: Green Horned Caterpillars



Hosts

- Peppers
- Tomatoes
- Eggplant
- Ornamentals
- Fruit trees

Plant Pest Identification Card

Category: Caterpillars and Moths

Name: Looper Worm



Hosts

- Peppers
- Tomatoes
- Brassicas
(cabbage, broccoli,
cauliflower)

Plant Pest Identification Card

Category: Caterpillars and Moths

Name: Army Worm



Hosts

- Peppers
- Tomatoes
- Eggplant
- Ornamentals
- Fruit trees

Plant Pest Identification Card

Category: Caterpillars & Moths

Name: Diamondback Moth



Hosts

- Brassicas—
cabbage, kale,
packchoy, bokchoy,
mustard



Plant Pest Identification Card

Category: Caterpillars and Moths

Name: Citrus Leafminer

Hosts

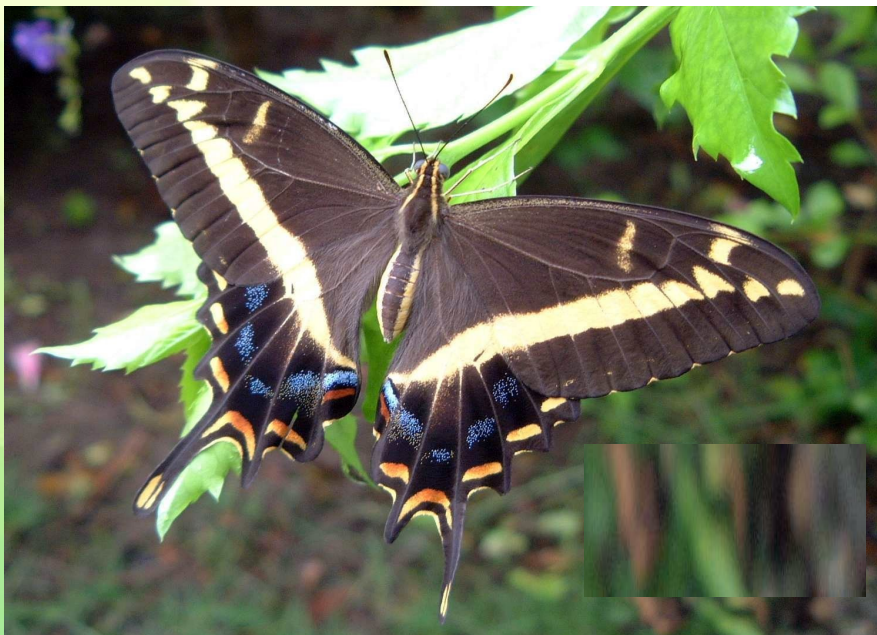
- All citrus plants
- Murraya



Plant Pest Identification Card

Category: Caterpillars and Moths

Name: Cayman Swallowtail Butterfly & Larvae



Hosts

- All citrus species
- Murraya
- Curry leaf tree

Plant Pest Identification Card

Category: Lacebug

Name: Avocado Lacebug



Host

•Avocado

Plant Pest Identification Card

Category: Psyllid

Name: Asian Citrus Psyllid



Hosts

- All citrus plants
- Murraya hedging (Orange Jasmin)

Plant Pest & Disease Identification Card

Category: Flies

Name: White Flies

Hosts

- Peppers
- Tomatoes
- Vine Crops
- Eggplant
- Ornamentals



Original photo courtesy of USDA; Photoshop by Danna M. Walker



Plant Pest Identification Card

Category: Flies

Name: Citrus Blackfly



Hosts

- Citrus
- Mango
- Avocado
- Suriname Cherry



Plant Pest & Disease Identification Card

Category: Flies

Name: West Indian Fruit Fly (Obliqua)



Hosts

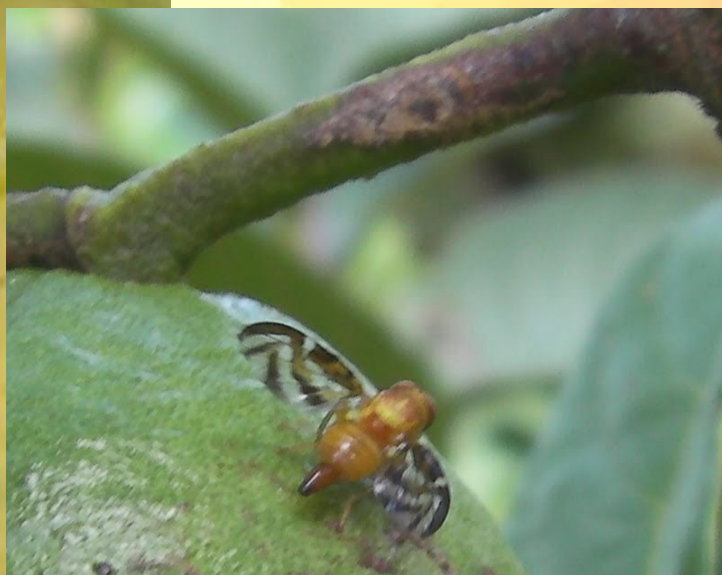
- Mango
- Cherry
- Avocado
- Almond
- Guava
- Apple



Plant Pest Identification Card

Category: Flies

Name: Caribbean Fruit Fly (Suspensa)



Hosts

- Mango
- Guava
- West Indian Cherry
- Almonds
- Java Apple
- Naseberry

Plant Pest Identification Card

Category: Flies / Moths / Butterflies

Name: Tomato Leafminer



Hosts

- Peppers
- Eggplant
- Potato
- Beans
- Squash
(cucumber,
watermelon)

Plant Pest Identification Card

Category: Weevil

Name: Sweet Potato Weevil



Host

• Sweet Potato

Plant Pest Identification Card

Category: Weevil

Name: Banana Borer



Hosts

- Bananas
- Plantains

Plant Pest Identification Card

Category: Weevil

Name: Citrus Root Weevil



Hosts

- Citrus
- Sugar Cane
- Papaya
- Guavas
- Sweet Potatoes

Plant Pest Identification Card

Category: Nematode

Name: Root Knot Nematode



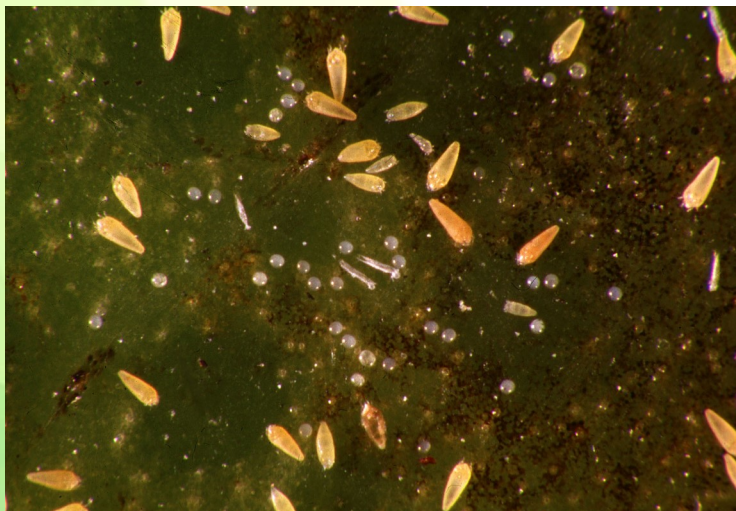
Hosts

- Pepper
- Tomato
- Melon
- Eggplant
- Fruit trees

Plant Pest Identification Card

Category: Mites

Name: Mango Bud Mite



Host
•Mango

Plant Pest Identification Card

Category: Mites

Name: Red Palm Mite



Hosts

- Ornamental Palms
- Coconut Palms
- Bananas
- Plantains

Plant Pest Identification Card

Category: Mites

Name: Broad Mite



**Host Plants—
extensive**

- Peppers
- Tomatoes
- Beans
- Passion fruit
- Guava
- Ornamentals

Plant Pest Identification Card

Category: Mite

Name: Spider Mite



Hosts—wide range

- Cucurbits
- Palms
- Citrus
- Eggplants
- Ornamentals

Plant Pest Identification Card

Category: Virus

Name: Tobacco etch, Potato Y, Cucumber
Mosaic Virus



Hosts

- Peppers
- Tomatoes
- Potatoes
- Squashes
- Beans

Plant Pest Identification Card

Category: Virus

Name: Tomato Yellow Leaf Curl Virus (TYLCV)



Hosts

- Tomato
- Peppers
- Beans
- Weeds

Plant Pest Identification Card

Category: Fungi

Name: Anthracnose



Hosts (wide host range)

- Peppers
- Tomatoes
- Breadfruit
- Mangoes
- Avocados



Plant Pest Identification Card

Category: Fungi

Name: Blight



Hosts

- Peppers
- Tomatoes



R. Pitblado

Plant Pest Identification Card

Category: Fungi

Name: Fusarium Wilt



Host Plants—wide host range

- Peppers
- Tomatoes
- Alliums (onions, scallions, etc.)
- Bananas
- Plantains
- Eggplants



Plant Pest Identification Card

Category: Fungi

Name: Downy Mildew



Hosts

- Cucumbers
- Pumpkins
- Okras
- Watermelons

Plant Pest Identification Card

Category: Fungi

Name: Powdery Mildew



Hosts

- Pumpkins
- Watermelons
- Okras
- Canteloupe

Plant Pest Identification Card

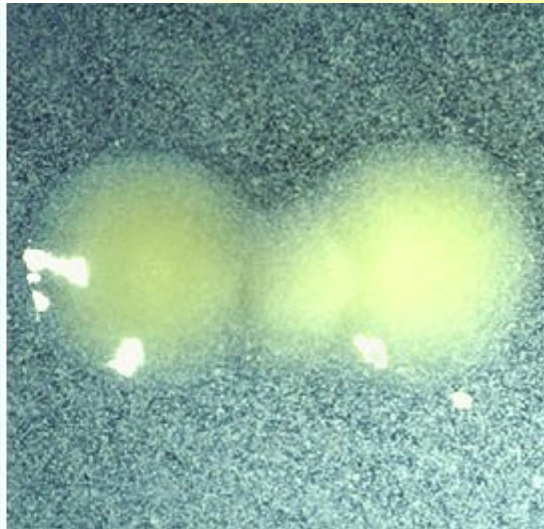
Category: Bacteria

Name: Xanthomonas Bacterial Spot



Host Range

- Peppers—
hot/sweet
- Tomatoes



Plant Pest Identification Card

Category: Mulluscs

Name: Slugs



Host Plants—extensive plant range

Plant Pest Identification Card

Category: Molluscs

Name: Snails



**Host Plants—
extensive
plant range**

Notes

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Notes

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