# Coconut rhinoceros beetle - *Oryctes rhinoceros*

## Life cycle

Read through the life-cycle and identification notes. What is the key information on the life-cycle?

# Coconut rhinoceros beetle - *Oryctes rhinoceros*

## Symptoms

Read through the symptoms notes. What is the key information on symptoms?

Are there differences between biotypes?

# Coconut rhinoceros beetle - *Oryctes rhinoceros*

## Impacts

Read through the impacts notes. What is the key information on impacts?

Are there differences between biotypes? Why is this important?

# Coconut rhinoceros beetle - *Oryctes rhinoceros*

## Distribution

Read through the distribution notes. What is the key information on distribution?

The Coconut rhinoceros beetle - *Oryctes rhinoceros* is found throughout the Pacific

However, there are important differences between the biotypes. Why does this matter?

# Coconut rhinoceros beetle - *Oryctes rhinoceros*

## Prevention

Prevention covers two major interconnected aspects:

1. Stopping the pest / disease from entering a new area (biosecurity) and
2. Prevention of impacts once it has arrived in an area

# Bogia coconut syndrome (BCS)

## Vector insects

Read through the vector insects notes. What is the key information?

# Bogia coconut syndrome (BCS)

## Symptoms

Read through the symptoms notes. What is the key information on symptoms?

There is a well-defined sequence of symptoms – how will this knowledge help you?

# Bogia coconut syndrome (BCS)

## Impacts

Read through the impacts notes. What is the key information on impacts?

# Bogia coconut syndrome (BCS)

## Distribution

Read through the distribution notes. What is the key information on distribution?

Bogia coconut syndrome (BCS) is not widespread in the Pacific. Why is it important to know the distribution?

# Bogia coconut syndrome (BCS)

## Prevention

Prevention covers two major interconnected aspects:

1. Stopping the pest / disease from entering a new area (biosecurity) and
2. Prevention of impacts once it has arrived in an area

# Red ring disease

Red ring disease is caused by a nematode that is carried by a beetle.

## Life cycle and identification and vector insects

Read through the life cycle and identification and vector insects notes. What is the key information?

# Red ring disease

## Symptoms

Read through the symptoms notes. What is the key information on symptoms?

# Red ring disease

## Impacts

Read through the impacts notes. What is the key information on impacts?

# Red ring disease

## Distribution

Read through the distribution notes. What is the key information on distribution?

Red ring disease is not present in the Pacific. Why is it important to know the distribution?

# Red ring disease

## Prevention

Prevention covers two major interconnected aspects:

1. Stopping the pest / disease from entering a new area (biosecurity) and
2. Prevention of impacts once it has arrived in an area

# Coconut foliar decay

Coconut foliar decay is caused by a virus that is carried by a beetle.

## Life cycle and identification and vector insects

Read through the vector insects notes. What is the key information?

# Coconut foliar decay

## Symptoms

Read through the symptoms notes. What is the key information on symptoms?

# Coconut foliar decay

## Impacts

Read through the impacts notes. What is the key information on impacts?

# Coconut foliar decay

## Distribution

Read through the distribution notes. What is the key information on distribution?

Coconut foliar decayis only found in Vanuatu in the Pacific. Why is it important to know the distribution?

# Coconut foliar decay

## Prevention

Prevention covers two major interconnected aspects:

1. Stopping the pest / disease from entering a new area (biosecurity) and
2. Prevention of impacts once it has arrived in an area