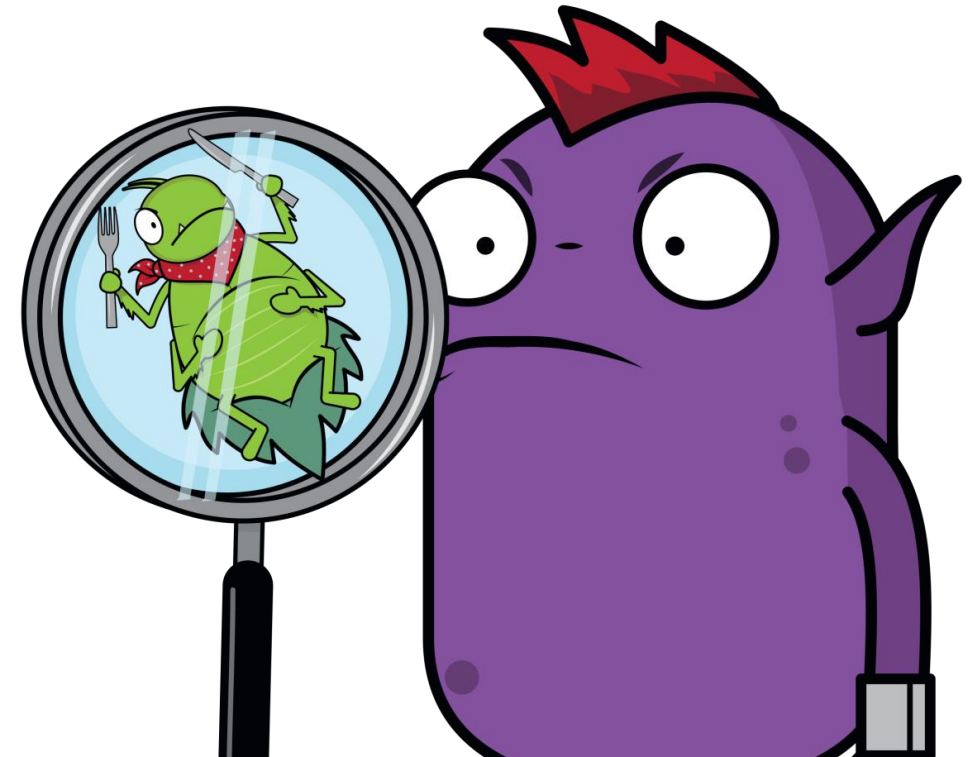


Build-a-Bug



What is a minibeast?

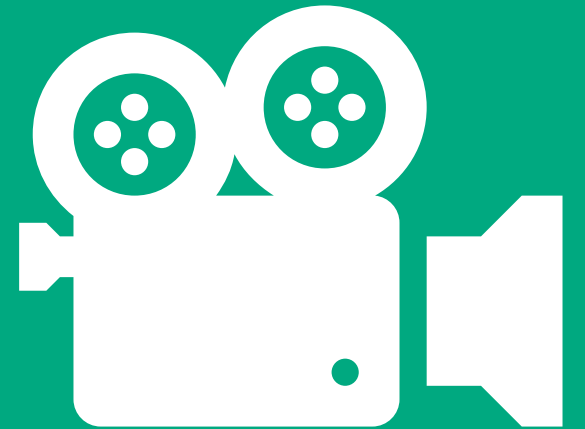


Why are minibeasts important?





Let's hear from the entomologists



Crime 2

John Innes Centre

Researchers at the John Innes have identified 3 crimes to the experimental

plants. Pest detectives have been hired to help identify the culprits. Investigations are still ongoing.



Clue 1
cabbage
plant



Clue 2
Leaves chewed
+
Solid frass
(poo)



Clue 3
Silk trails
around pots



John Innes Centre
Researchers at the John Innes have identified 3 crimes to the experimental plants. Pest detectives have been hired to help identify the culprits. Investigations are still ongoing.

Crime 3



Clue 1
Sugar Beet Plant



Clue 2
Yellow virus symptoms



Clue 3
Skin sheds + Sticky poo

Some minibeasts can be pests!



Pest Fact File 101

Subject: Cabbage stem flea beetle

Favourite foods:

Oilseeds, cabbage, broccoli, sprouts

How it eats:

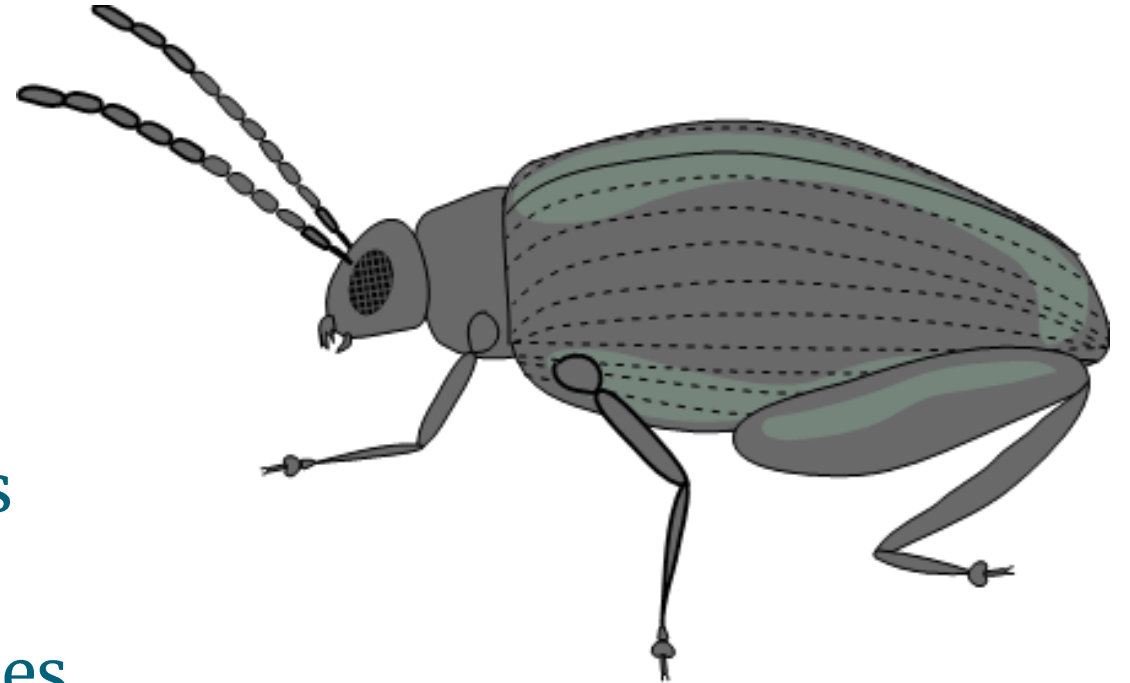
Chewing leaves and stems

How it moves:

Quickly jumps like a flea, sometimes flies

Special qualities:

Very few predators & resistant to pesticides



Pest Fact File 106

Subject: Aphid

Favourite foods:

Many, many plants!

How it eats:

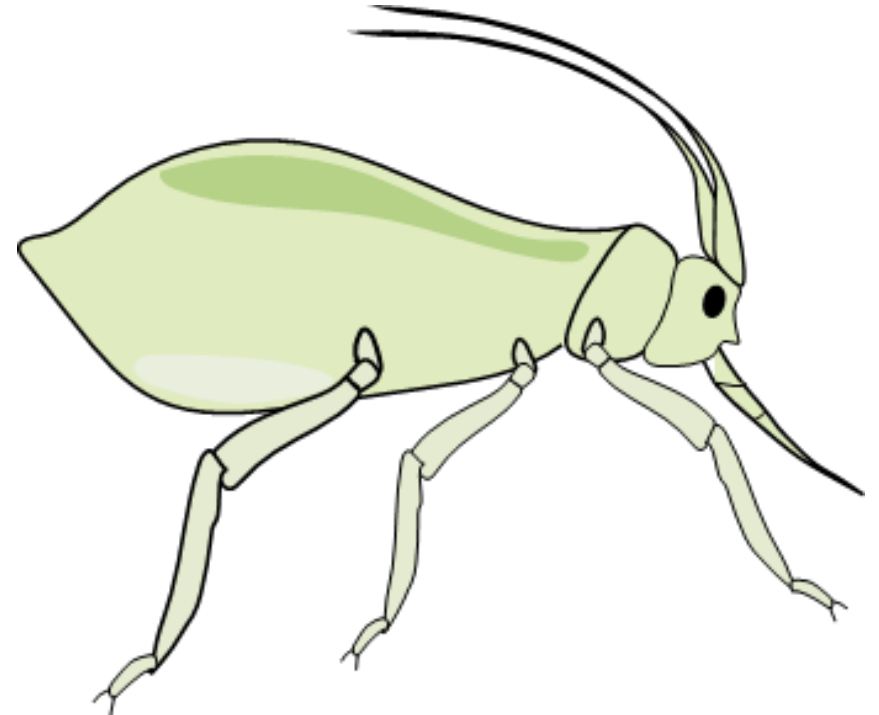
Sucking sap out of plants

How it moves:

Slowly crawls, flies at specific times of year

Special qualities:

Females can produce young without males

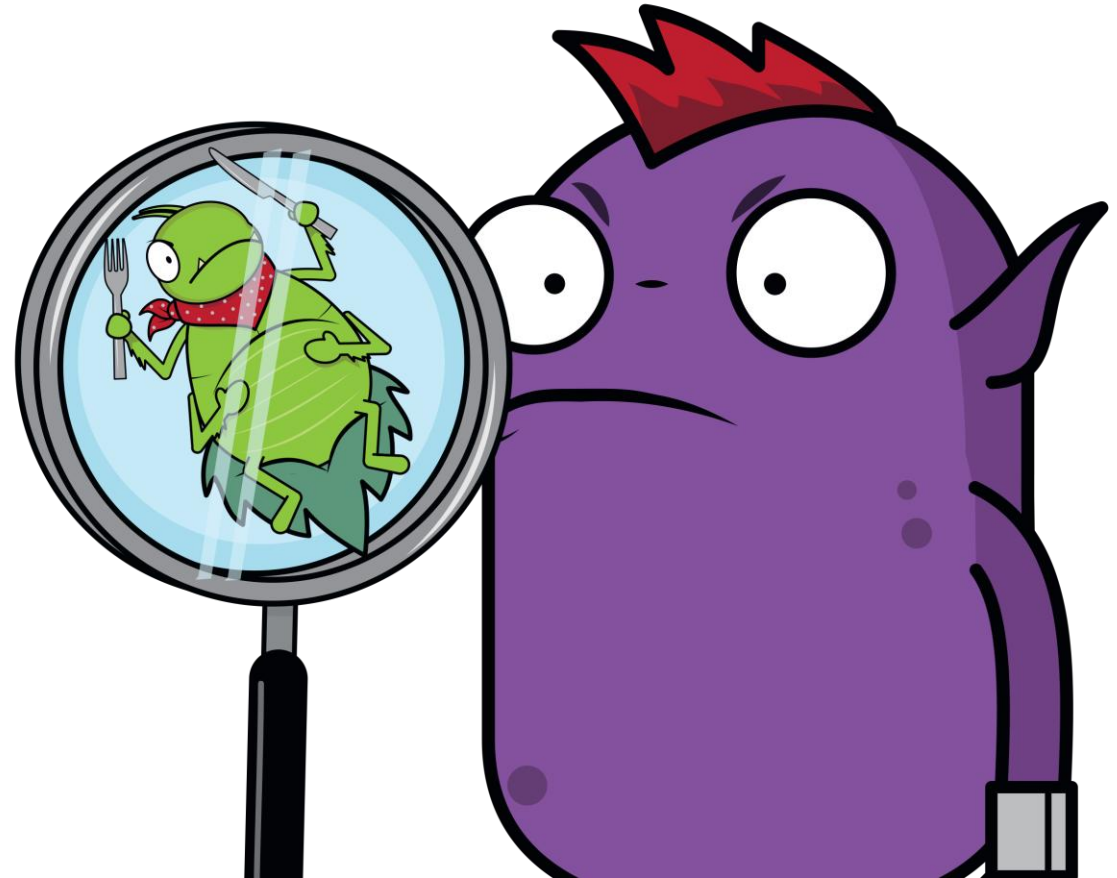


Build-a-Bug!

What will it eat?

How will it eat?

How will it move?

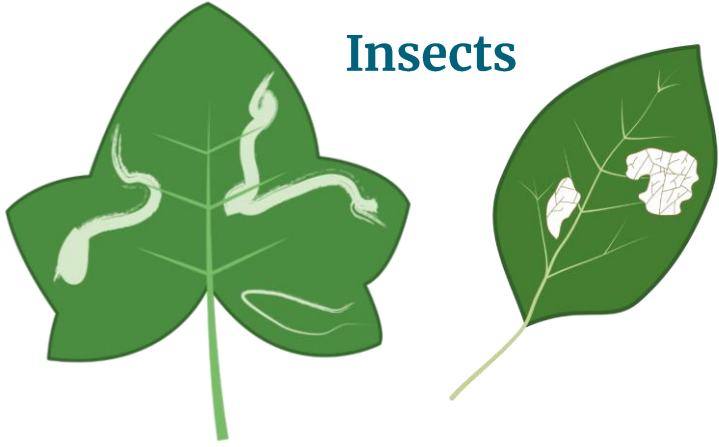


Do plants get sick?



Plant disease

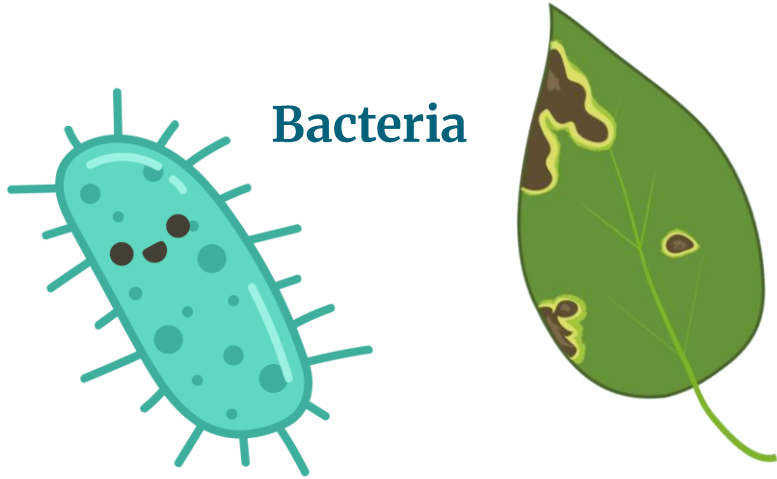
Insects



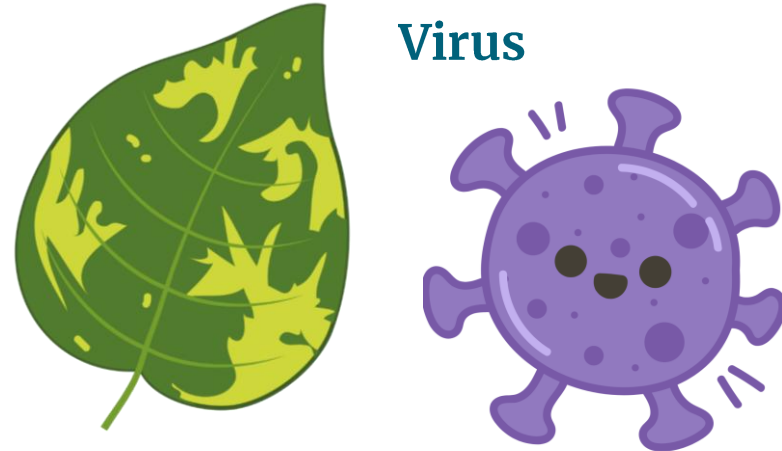
Fungi



Bacteria



Virus



Time to go on a
plant safari...





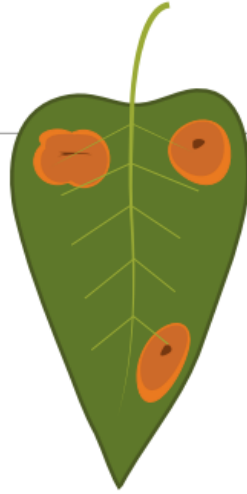
**Black spots
caused by
a fungus.**

Tick if you
spot this



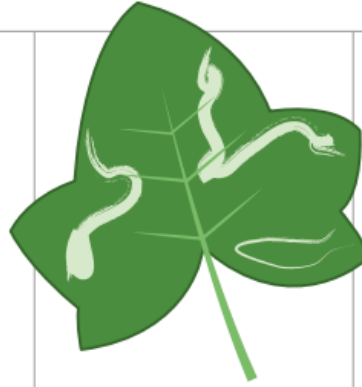
**Holes where
an insect has
chomped
a leaf.**

Tick if you
spot this



**Rusty
patches
caused by
a fungus.**

Tick if you
spot this



**Tunnels
made by an
insect called
a leaf miner.**

Tick if you
spot this



**Brown patches
with a yellow
outline caused
by bacteria.**

Tick if you
spot this



**Spiky yellow
patterns
caused by
a virus.**

Tick if you
spot this



**White powder
called mildew,
caused by
a fungus.**

Tick if you
spot this

What have you
found?

