

# Disease Case Study

Host plant: Cabbage

Problem:



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

Please indicate which UC IPM resources you referenced for each management solution.

Resources include *Vegetable Pest Identification Cards* (Veg ID cards), the UC IPM Website, *Pest Notes* (PN), *Quick Tips* (QT), and UC ANR books such as *Pests of Garden and Small Farms*, *Wildlife Pest Control Around Gardens and Homes*, and *Natural Enemies Handbook*.

## Biological Control

Resources used:  Veg ID cards  UCIPM Website  PN  QT  UC ANR book .....

## Cultural Control

Resources used:  Veg ID cards  UCIPM Website  PN  QT  UC ANR book .....

## Mechanical/Physical Control

Resources used:  Veg ID cards  UCIPM Website  PN  QT  UC ANR book .....

## Chemical Control

Resources used:  Veg ID cards  UCIPM Website  PN  QT  UC ANR book .....

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?

# Disease Case Study

Host plant: Cabbage

**Problem:** Some of the leaves of my cabbages are turning yellow.



**Possible diagnoses:**

What other information is needed to confirm diagnosis?

## Solutions

Please indicate which UC IPM resources you referenced for each management solution.

Resources include *Vegetable Pest Identification Cards* (Veg ID cards), the UC IPM Website, *Pest Notes* (PN), *Quick Tips* (QT), and UC ANR books such as *Pests of Garden and Small Farms*, *Wildlife Pest Control Around Gardens and Homes*, and *Natural Enemies Handbook*.

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?

# Disease Case Study

Host plant: Cabbage

Problem: My cabbages are wilting, even after a lot of watering!



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?

# Disease Case Study

Host plant: Zucchini

Problem: The ends of my zucchini are rotting.



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

Please indicate which UC IPM resources you referenced for each management solution.

Resources include *Vegetable Pest Identification Cards* (Veg ID cards), the UC IPM Website, *Pest Notes* (PN), *Quick Tips* (QT), and UC ANR books such as *Pests of Garden and Small Farms*, *Wildlife Pest Control Around Gardens and Homes*, and *Natural Enemies Handbook*.

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?



# Disease Case Study

Host plant: Cucumber

Problem:



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?

# Disease Case Study

Host plant: Cucumber

**Problem:** Some of the leaves on my cucumber plants are turning yellow and wilting.



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

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Resources include *Vegetable Pest Identification Cards* (Veg ID cards), the UC IPM Website, *Pest Notes* (PN), *Quick Tips* (QT), and UC ANR books such as *Pests of Garden and Small Farms*, *Wildlife Pest Control Around Gardens and Homes*, and *Natural Enemies Handbook*.

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?

# Disease Case Study

Host plant: Spinach

Problem: My seedlings are dying.



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?

# Disease Case Study

Host plant: Lettuce

Problem:



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?



# Disease Case Study

Host plant: Lettuce

**Problem:** Lettuce leaves are turning brown and fuzzy.



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?

# Disease Case Study

Host plant: Bean

**Problem:** The stems of my bean plants are turning white and dying.



**Possible diagnoses:**

What other information is needed to confirm diagnosis?

## Solutions

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?

# Disease Case Study

Host plant: Bean

Problem:



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

Please indicate which UC IPM resources you referenced for each management solution.

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?

# Disease Case Study

Host plant: Bean

Problem: (physical sample, symptomatic bean leaves)



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?



# Disease Case Study

Host plant: Tomato

Problem:



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

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## Discussion Questions

- What method of irrigation can prevent vegetable diseases and why?
- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?

# Disease Case Study

Host plant: Potato

Problem: My potatoes are rotting and smelly!



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

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Resources include *Vegetable Pest Identification Cards* (Veg ID cards), the UC IPM Website, *Pest Notes* (PN), *Quick Tips* (QT), and UC ANR books such as *Pests of Garden and Small Farms*, *Wildlife Pest Control Around Gardens and Homes*, and *Natural Enemies Handbook*.

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Resources used:  Veg ID cards  UCIPM Website  PN  QT  UC ANR book .....

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## Discussion Questions

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- When is it appropriate to remove and destroy plants before maturity?
- When using a pesticide on edible plants, what do you need to consider in terms of timing of applications?

# Disease Case Study

Host plant: Pepper

Problem: (physical sample, symptomatic pepper)



Possible diagnoses:

What other information is needed to confirm diagnosis?

## Solutions

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Resources used:  Veg ID cards  UCIPM Website  PN  QT  UC ANR book .....

## Chemical Control

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- What method of irrigation can prevent vegetable diseases and why?
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