

# IPM and Tomato Virus Workshop

## University of Guam- Cooperative Extension Service

### Crop Protection and Pest Management Program- Extension Implementation Program Area for Guam

July 13, 2022

#### WORKSHOP PRE TEST

**Workshop Goal:** To increase tomato profitability on Guam through education on tomato production and tomato viruses, and the promotion of IPM practices to reduce the impact of pests and diseases.

**Purpose of the test:** To gauge the basic knowledge level of the attendees before and after the workshop.

**Last three digits of your phone number:** \_\_\_\_\_ (no need for your name)

- 1) Place the following pathogens in order of size from smallest to largest (1=smallest, 3=largest)

1 Fungi

2 Viruses

3 Bacteria

- 2) Disease symptoms are caused by pathogens. Which one of the following pathogens causes symptoms very similar to symptoms caused by poor growing conditions?

a) Fungi

b) Viruses

c) Bacteria

☒ d) Nematodes

- 3) An infestation of which of the following insects can cause symptoms similar to a virus.
- ☒ a) Aphids
  - b) Whiteflies
  - c) Mites
  - d) Thrips
- 4) Which of the following viruses have not been detected in tomatoes on Guam?
- a) (AMV) *Alfalfa mosaic virus*
  - ☒ b) (TBSV) *Tomato bushy stunt virus*
  - c) (ToLCGuV) *Tomato leaf curl Guam virus*
  - d) (TYLCV) *Tomato yellow leaf curl*
- 5) Viruses are spread from plant to plant in a number of ways. From the following, mark all the possible ways.
- a) by rain splashing
  - b) by infected seed
  - ☒ c) by infected transplants
  - d) by whiteflies and aphids
- 6) When looking to purchase a tomato variety from a store or seed supplier, the seed packet or description in the seed catalog should describe the seed as being?
- a) Cool weather
  - ☒ b) Mild climates
  - c) Winter conditions
  - d) Heat tolerant

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- 1) Place the following pathogens in order of size from smallest to largest (1=smallest, 3=largest)

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3 Viruses

2 Bacteria

- 2) Disease symptoms are caused by pathogens. Which one of the following pathogens causes symptoms very similar to symptoms caused by poor growing conditions?

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**Last three digits of your phone number:** 598 (no need for your name)

- 1) Place the following pathogens in order of size from smallest to largest (1=smallest, 3=largest)

3 Fungi

1 Viruses

2 Bacteria

- 2) Disease symptoms are caused by pathogens. Which one of the following pathogens causes symptoms very similar to symptoms caused by poor growing conditions?

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**Last three digits of your phone number:** 069 (no need for your name)

- 1) Place the following pathogens in order of size from smallest to largest (1=smallest, 3=largest)

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2 Viruses

1 Bacteria

- 2) Disease symptoms are caused by pathogens. Which one of the following pathogens causes symptoms very similar to symptoms caused by poor growing conditions?

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**Last three digits of your phone number:** 980 (no need for your name)

- 1) Place the following pathogens in order of size from smallest to largest (1=smallest, 3=largest)  
3 Fungi  
1 Viruses  
2 Bacteria
- 2) Disease symptoms are caused by pathogens. Which one of the following pathogens causes symptoms very similar to symptoms caused by poor growing conditions?
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  - b) Viruses
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Last three digits of your phone number: 299 (no need for your name)

- 1) Place the following pathogens in order of size from smallest to largest (1=smallest, 3=largest)

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3 Viruses

2 Bacteria

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**Last three digits of your phone number:** 9566 (no need for your name)

- 1) Place the following pathogens in order of size from smallest to largest (1=smallest, 3=largest)  
2 Fungi  
1 Viruses  
3 Bacteria
- 2) Disease symptoms are caused by pathogens. Which one of the following pathogens causes symptoms very similar to symptoms caused by poor growing conditions?
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**Last three digits of your phone number:** 151 (no need for your name)

- 1) Place the following pathogens in order of size from smallest to largest (1=smallest, 3=largest)  
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2 Viruses  
1 Bacteria
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