

2018 Manuel E Chapter 8 IPM Action Plan Quiz

1. **What is NOT an IPM strategy?**
 - A. Do nothing
 - B. Apply a pesticide at the first sign of infestation
 - C. Select disease resistant or tolerant plants
 - D. Manually remove weeds from an area
2. **What is NOT a component of an IPM Action Plan.**
 - A. Plan ahead
 - B. Monitor for pests to be managed
 - C. Establish pest management goals and thresholds
 - D. Apply pesticides to the landscape
3. **What is an economic threshold?**
 - A. The pest population density level when pest management measures must be applied to prevent reaching unacceptable levels of aesthetic damage to a plant or landscape.
 - B. Annual applications of a biological control that targets soil-resident grubs.
 - C. The pest population density when pest management causes a reduction in the value of the crop or plant that is greater than the cost of control.
 - D. The pest population density when management measures must be applied to prevent reaching unacceptable damage to the environment.
4. **An example of a cultural control method for leafhoppers in nurseries is _____.**
 - A. Avoid over-fertilization
 - B. Apply Neem oil or pyrethrin
 - C. Big-eyed bugs
 - D. Jet spray to remove nymphs
5. **What is NOT an appropriate management strategy for IPM.**
 - A. Effectiveness of treatment.
 - B. Trying out the newest pesticide on the market.
 - C. Human safety and health.
 - D. Environmental protection.
6. **When is selection of resistant or tolerant cultivars NOT helpful?**
 - A. Japanese beetles
 - B. Powdery mildew
 - C. Salt-prone areas
 - D. Crabgrass control
7. **What is NOT an option for Japanese beetle control on littleleaf linden trees?**
 - A. Do nothing
 - B. Pesticide application during flowering
 - C. Tolerant or resistant cultivar selection
 - D. Grub control in lawn
8. **An example of an abiotic problem is _____.**
 - A. Powdery mildew
 - B. Fungus gnats
 - C. Salt damage
 - D. Crabgrass

9. For what situation is chemical control ineffective?

- A. Japanese beetles
- B. Crabgrass
- C. Leafhoppers
- D. Salt damage

10. For what situations are moisture/irrigation management effective?

- A. Fungus gnats and salt damage
- B. Salt damage and Japanese beetles
- C. Leaf hoppers and fungus gnats
- D. Powdery mildew and crabgrass

2018 Manuel E Chapter 8 IPM Action Plan Quiz

1. B: Apply a pesticide at the first sign of infestation
2. D: Apply pesticides to the landscape
3. C: The pest population density when pest management causes a reduction in the value of the crop or plant that is greater than the cost of control.
4. A: Avoid over-fertilization
5. B: Trying out the newest pesticide on the market.
6. D: Crabgrass control
7. B: Pesticide application during flowering
8. C: Salt damage
9. D: Salt damage
10. A: Fungus gnats and salt damage