

## Week 5 Quiz – Introduction to Integrated Pest Management

Integrated Pest Management is often considered to be an approach that maximizes the range of tools one can bring to pest management while also reducing the environmental and health risks associated with the use of chemicals. The following are among the tools that one might consider as being a part of the IPM tool box:

1. Biological tools such as biocontrol methods
2. Cultural tools that improve tree health
3. Physical (mechanical) tools such as the stripping of pest eggs off of a plant
4. Regulatory tools such as those associated with restricting the movement of infested material
5. All of the above

Sanitation is important in arboriculture because:

1. Clean hands lead to clean work
2. We depend upon the town sanitation system to remove contaminated material
3. Inoculant remaining at the site, such as diseased tissue, has the potential to reinfest the tree
4. Dirty clothing can lead to the interior of the vehicles also becoming dirty and unhealthy

Which of the following is an example of a mechanical or physical control of a pest:

1. Physically pruning out or removing infected tissue or insect pest eggs
2. Spraying a tree with Sevin in order to kill gypsy moth caterpillars
3. Applying nitrogen-rich fertilizers to protect against the hemlock woolly adelgid
4. Releasing beneficial nematodes to kill off an infestation of dogwood borers

Which part of the pesticide label is intended to indicate the product's relative toxicity to people:

1. The listing of the active ingredients
2. The product's direction for use
3. The product's signal word
4. The name of the manufacturer

Which of the following quotes relate to IPM:

1. Prescription without diagnosis is malpractice
2. The difference between a poison and a cure is the dosage
3. With pesticides, the label is the law
4. Consider the least environmentally harmful options first
5. All of the above
6. None of the above

Nematodes, fungi and bacteria are:

1. Always bad in tree care
2. Always good in tree care
3. It depends upon the circumstances