

SUGGESTED SKILL

 *Environmental Solutions*

7.D

Use data and evidence to support a potential solution.



AVAILABLE RESOURCES

- Classroom Resource > [AP Environmental Science Teacher's Guide](#)

TOPIC 5.14

Integrated Pest Management

Required Course Content

ENDURING UNDERSTANDING

STB-1

Humans can mitigate their impact on land and water resources through sustainable use.

LEARNING OBJECTIVE

STB-1.C

Describe integrated pest management.

STB-1.D

Describe the benefits and drawbacks of integrated pest management (IPM).

ESSENTIAL KNOWLEDGE

STB-1.C.1

Integrated pest management (IPM) is a combination of methods used to effectively control pest species while minimizing the disruption to the environment. These methods include biological, physical, and limited chemical methods such as biocontrol, intercropping, crop rotation, and natural predators of the pests.

STB-1.D.1

The use of integrated pest management (IPM) reduces the risk that pesticides pose to wildlife, water supplies, and human health.

STB-1.D.2

Integrated pest management (IPM) minimizes disruptions to the environment and threats to human health but can be complex and expensive.