Pollinators and Integrated Pest Management

Learning Outcomes

Learn how to manage pests through the use of pesticides in a way that minimizes harful impacts on beneficial insects. Learn alternatives to chemical pesticides.
Learn what IPM means. Discuss with a local farmer about the importance of pesticides. Discover what is needed in your area to apply pesticides and alternatives to routine pesticide use.

Challenges

Define IPM

- Research what "IPM" means to insect pest managers and submit a brief explanation.
- ***Learning Outcomes:*** *Learn what IPM stands for and why it is important.*

Pesticide Uses

- Discuss with a commercial grower how and why pesticides and transgenic crops are important/useful for crop production. Submit a brief explanation on what you learned.
- ***Learning Outcomes:*** *Learn why farmers use pesticides for crop production.*

Pesticide Applicator

- Research how to obtain a certificate orlicense to apply pesticides in your state. Submit a brief explanation of what you found.
- ***Learning Outcomes:*** *Learn what it takes to be certified to apply pesticide chemicals.*

Pesticide Alternatives

- Pesticides are not the only method of pest management. Other methods of pest control may include crop rotation, biological control, augmented biological control, importation biological control, tillage, and use of cover crops. Choose one commercially produced crop and submit a list of 2 insecticides and 2 alternative methods of controlling one of its primary pests. Submit this report.
- ***Learning Outcomes:*** *Learn alternatives to chemical pesticides.*