



Pesticide Application Awareness

Learning Outcomes

Learn how to safely use pesticides, and why pesticides move "off-target" and pose threats to pollinators.

Research safety protocols in using pesticides and how pesticides can pose threats to non-target species.

Challenges

Proper Use of Pesticides

- Pesticides must be used cautiously and according to their published safety instructions. Select a common household insect pest and research one insecticide used to treat this pest. Submit an explanation of how to use this pesticide safely.
- **Learning Outcomes:** *Learn how to properly use pesticides to manage common pests.*

Pesticide Label

- Find a pesticide label that discusses regulation for human health, the environment, and pollinators. Upload a picture of the safety information and highlight the important information on this label.
- **Learning Outcomes:** *Learn the dangers a pesticide poses to humans, pollinators, and the environment and how to properly use it to minimize the negative impacts.*

Pesticide Movement

- Research ways that pesticides can move "off-target." In your submission, define and give an example of 4 of drift, leeching, run-off, and volatilization as they pertain to the movement of pesticides.
- **Learning Outcomes:** *Learn how pesticides can reach non-target species and move throughout the environment.*

Interview

- Knowing how pesticides can move through the environment, discuss with either a local Professional Pesticide Applicator or a Commercial Producer how they avoid or prevent possible pesticide movement. If you cannot contact a professional, research on the internet how professionals can avoid each type of pesticide off-target movements. Submit a brief explanation of what was discussed.
- **Learning Outcomes:** *Learn how local farmers and pesticide applicators try to prevent pesticide movement through the environment.*