UCONN | EXTENSION

2025 IMPACTS SHEET

Smarter Pest Management with UConn Extension IPM

Pests threaten crops, landscapes, and ecosystems. Traditional pesticide use may harm the health of those managing crops and the environment. Integrated Pest Managment (IPM) offers a smarter solution: using biological, cultural, mechanical, and least-toxic chemical strategies to manage problem insects, weeds, diseases, wildlife, and invasive pests.

UConn Extension's IPM Program helps farmers, landscape professionals, and communities adopt pest-control strategies that support ecosystem services. Through science-based strategies and hands-on education, we reduce pesticide reliance, improve yields, and protect people, pollinators, and habitats.

BY THE NUMBERS

167k
unique website users (+100%)

226k
page views on s.uconn.edu/ipm (+84%)

9
Extension professionals leading efforts

211
attendees at the 2024 Small Fruit & Vegetable Growers' Conference

BEHAVIOR CHANGE

80%

Last year, digital engagement with IPM tools doubled, and 80% of in-person conference participants planned to change practices including reducing pesticide use to improving pollinator habitat and food safety.

ONLINE FACT SHEET VIEWS

20k Mugwort factsheet

18k Tree-of-Heaven factsheet

11k Native Plant Availability List

IPM gives us the tools to grow smarter—with less pesticides and better results for crops, pollinators, and people."

Connecticut Grower

We offer workshops, fact sheets, newsletters, and one-on-one support across specialties like fruits, vegetables, greenhouses, turf, and native landscaping. Diagnostic labs and short courses empower professionals and residents to make informed pest management decisions.

PROGRAM AREAS INCLUDE:

- **Cut Flowers**: UConn Extension helps cut flower growers manage pests sustainably, improving crop quality and reducing pesticide use.
- **Fruit Production**: IPM strategies support Connecticut fruit producers in minimizing pest damage while protecting pollinators and enhancing yield.
- **Greenhouse**: Greenhouse growers benefit from IPM tools that promote early pest detection and biological control, reducing chemical inputs.
- **Invasive Species**: IPM efforts target invasive species through monitoring, education, and management strategies that protect native ecosystems.
- **Nursery**: Nursery producers use IPM practices to maintain plant health, reduce pesticide reliance, and meet customer expectations for quality.
- **Pesticide Safety Education**: UConn Extension trains pesticide applicators in safe, legal, and effective use of pesticides through its IPM-based education programs.
- **Plant Diagnostics**: The IPM program offers plant diagnostic services that identify pest and disease issues, guiding timely and accurate management decisions.
- **Pollinators**: IPM practices promote pollinator health by encouraging habitat conservation and reducing harmful pesticide exposure.
- **School IPM**: UConn Extension supports schools in implementing IPM to create safer learning environments with reduced pesticide use.
- **Turf & Landscape**: IPM in turf and landscape management helps professionals maintain healthy green spaces while minimizing environmental impact.
- **Vegetable Production**: Vegetable growers use IPM to control pests efficiently, improve crop quality, and support sustainable farming practices.

For more information, visit us at:

ipm.cahnr.uconn.edu