
New Hampshire

Department of Agriculture,
Markets & Food

Shawn N. Jasper, Commissioner

October 20, 2023

New Hampshire House Environment and Agriculture Committee
New Hampshire Senate Energy and Natural Resources Committee
107 North Main Street
Concord, NH 03301

Subject: 2023 Integrated Pest Management (IPM) Annual Report
Pursuant to RSA 430:50 III
New Hampshire Department of Agriculture, Markets & Food

Dear Honorable Members of the New Hampshire House Environment and Agriculture Committee and Honorable New Hampshire Senate Energy and Natural Resources Committee:

Pursuant to New Hampshire's Pesticides Controls Law, Revised Statutes Annotated 430:50,III, the New Hampshire Department of Agriculture, Markets & Food (DAMF) shall submit an annual report to you in regard to DAMF's Integrated Pest Management Program.

New Hampshire Law defines integrated pest management (IPM) as "*...a sustainable approach to managing pests by combining the use of biological, cultural, physical, and chemical tactics in a way that minimizes economic, health and environmental risks.*"

The IPM Program supports the Division of Pesticide Control and provides grant opportunities to organizations that conduct efforts to control pests through the use of IPM techniques. Both Division support and funding for grants is provided through pesticide product registration fees, paid by pesticide manufacturers to sell or distribute their products in New Hampshire.

A description of program activity for calendar year 2023 is included in the report attached to this correspondence.

Questions with regard to this report, Division of Pesticide Control activity, or the IPM Program can be directed to Mr. David J. Rousseau of this office at (603) 271-3640 or David.J.Rousseau@agr.nh.gov.

Sincerely submitted,



Shawn N. Jasper
Commissioner

2023 Integrated Pest Management Program Report

A. Background:

Effective July 1, 1999, the 1998 General Court passed legislation amending the pesticide law to include an Integrated Pest Management (IPM) program. Twenty-five percent of the pesticide product registration fee paid by pesticide product manufacturers to register products with New Hampshire is dedicated to a non-lapsing IPM fund (seventy-five percent is deposited into the state's general fund).

The Commissioner of the Department of Agriculture, Markets & Food (DAMF) shall report by October 1 of each year to the House Environment and Agriculture Committee and the Senate Environment Committee concerning the use of the fund, the work accomplished, and the effectiveness of efforts to broaden application of integrated pest management principles throughout the state.

B. Division Support

In 2023, the IPM Program supported six full-time positions representing four major focus areas of DAMF's Division of Pesticide Control (Division). The following is a list of major accomplishments for the calendar year:

1. Enforcement

The Division conducted approximately 600 inspections and issued approximately 150 enforcement actions, with approximately twelve (12) resulting in fines.

2. Licensing

Approximately 2,700 licenses (registration certificates) were issued to individuals that use pesticides either commercially or in conjunction with raising a commodity.

3. Training

The Division partnered with a number of public and private agencies in providing integrated pest management information alongside pesticide safety and/or regulatory training. For example, the Division participated with the Vermont Agency of Agriculture, Food & Markets in providing proper rodent control information for licensed pesticide applicators; with the New Hampshire Vermont Christmas Tree Growers Association in providing information on regulatory changes; and with the University of New Hampshire Cooperative Extension on preparing and providing approximately twelve pesticide safety training events.

4. Product Registration

Pesticides sold or distributed in New Hampshire are required to be registered with the state. Approximately 13,000 pesticides were registered in 2023.

C. IPM Grant Activity:

In 2023, DAMF approved four grants for a total of \$134,487 in grant funds. The Department provides access to the IPM fund through a grant process made available to successful grantees that conduct Integrated Pest Management projects in New Hampshire for the benefit of its citizens. The following is a description of projects for 2023:

1. “2023-2025 Pesticide Applicator Training- Integrated Pest Management”

Rachel Maccini, Project Manager, Pesticide Safety Education Program, University of New Hampshire Cooperative Extension (\$42,946)

This IPM project is divided among three fiscal years. This is pesticide safety training for licensed pesticide applicators and individuals interested in obtaining a pesticide license. Training includes information on specific pesticide license categories, regulations, and “CORE” topics such as pesticide safety, proper use, environmental considerations, and integrated pest management.

2. “Odiorne Point State Park Habitat Restoration 2023 Moving Towards Little Harbor Shoreline”

Tracy Degnan, Project Manager, Rockingham County Conservation District (\$19,960)

This project aims to use integrated pest management techniques such as cutting, mowing, herbicide applications, and seeding and planting to restore native vegetation and to remove and discourage invasive species. High priority is placed on coastal banks, dunes, and wetlands as these sensitive areas cannot withstand the impacts of heavy machinery.

3. “2023 Apple Grafting and Expanded IPM Project”

Steve Wood, Project Manager, New Hampshire Fruit Growers Association (\$4,990)

This project’s goal is to provide information to attendees about crop pests such as Plum Curculio and Apple Maggot Fly (AMF). Attendees were able to practice grafting methods, a non-chemical component of pest control, and were provided information on beneficial nematodes, a biological control method.

4. “2023 IPM Program for Fruit and Vegetable Crops On-Farm Monitoring”

Kyle Quigley, Extension Field Specialist, University of New Hampshire Cooperative Extension (\$66,591)

This project consists of trapping and monitoring specific insect pests on at least fifteen farms throughout the summer of 2023. The project intention is to monitor sweet corn

pests, vine crop pests, as well as Brown Marmorated Stinkbug and Spotted Wing Drosophila.

5. Carry-Over Grant (on-going project funded in 2022):

a. “*Gilsum Community Park Committee IPM Project*”

James Chapman, Chair, Gilsum Conservation Committee, (\$2,760)

The goal of the project is to use integrated pest management techniques to control invasive plants at a community park. The proposal includes planting native species to improve wildlife habitats.