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April 15, 2020

Deven Morrill, Chair  
Maine Board of Pesticides Control  
28 State House Station  
Augusta, ME 04333-0028

To the Board of Pesticides Control:

This letter reports the progress on the past year's \$65,000 grant funding the University of Maine Cooperative Extension's Pesticide Safety Education Program. The following deliverables were produced in collaboration with BPC staff.

- Two applicator training manuals
  - Vegetable Pesticide Application (Private)
  - Microbial Pest Control (Commercial, 7C)
- Four 4-hour commercial applicator training sessions
  - Tick and Mosquito Program, 11/12/19 in Orono and 11/13/19 in Portland
  - Outdoor Ornamentals Program, 12/10/20 in Brewer and 12/11/20 in Portland
- Sixteen recertification credits at the 2020 Agricultural Trades Show
  - Board of Pesticides Control: Pesticide Applicator Recertification 1/14/20-1/16/20 (14 credits)
  - Maine Pomological Society 1/15/20 (1 credit)
  - Maine Vegetable and Small Fruit Growers Association (1 credit)
- Eight-plus 1-hour private applicator training sessions
  - Agricultural Field Days, 7/31/19 (2 credits)
  - Maine Farm Days, 8/21-8/22 2019 (5 credits)
  - Maine Potato Conference and Trade Show, 1/22-1/23 2020 (2 credits)
  - Greenhouse Best Practices, 3/3/20 (2 credits)
  - Growing Hemp in Maine, 3/6/20 (1 credit)
  - Preseason Tree Fruit Meeting Webinar series (6 credits)

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In addition, since last year, Extension's Pesticide Safety Education Professional:

- Conducted a portion of the Core Training at the Agricultural Trades Show
- Reviewed soil fumigation, non-soil fumigation, and commercial forestry manuals for potential use
- Produced 3 brochures over the selection, requirements, and proper use of respirators
- Taught a lab session over sprayer calibration to horticulture and sustainable agriculture students
- Represented UMaine at the Northeast Region Pesticide Safety Education and Certification meeting
- Coordinated and created materials for the hands-on training sessions at the New England Rodent Academy
- Obtained funding through eXtension to create a Homeowner's Guide to Pesticide Use factsheet
- Submitted the paper: *Evaluation of Four Plant Extract Repellents for Management of the European Red Ant *Myrmica rubra* (L.) (Hymenoptera: Formicidae)* to the Journal of Economic Entomology (accepted)
- Participated in the 2019 Equipment Calibration for Pesticide Application training project
- Developed Extension Bulletin #5120 *Farmer Skill and Knowledge Checklist: What Maine Farmers Need to Know about Pesticides*
- Received training in UMaine's Content Management System and Centralized Database Management System to allow for expansion of the Extension's pesticide safety website and online applicator training registrations. Implemented online registrations and is planning the website.

UMaine Extension appreciates the Board's continuing support of the Pesticide Safety Education Program. Please let us know if there are any questions or concerns regarding the program's progress in the past year.

Sincerely,

Kerry W. Bernard  
James F. Dill

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