
**4A. PROJECT DESCRIPTION FOR SURVEY – PROFILE – PLAN
OBJECTIVES AND ANTICIPATED IMPACTS &
APPROACH AND PROCEDURES**

Goal 1. Document the use, efficacy, constraints of current tactics and needs to address regionally pertinent IPM challenges.

* **Objective 1a.** Conduct an IPM tactic survey using the Dillman protocol for New England raspberry production.

**New England Survey – Crop profile – Pest management strategic plan sequences
2001 – 2006.**

Contract Year	Surveys	Profiles	Pest Management Strategic Plans
2001 - 2004	apple, bean, carrot, highbush blueberry, peach, pear, pea, strawberry, sweet corn, tomato (field and greenhouse), winter squash.	apple, bean, carrot, highbush blueberry, peach, pear, pea, tomato (field and greenhouse)	apple, bean, carrot, pea, peach, pear, tomato (field and greenhouse)
2005	pepper, school IPM	strawberry and sweet corn (these two reports funded as separate proposals attached to the 2005 NEPMNet contract)	highbush blueberry
2006	raspberry	pepper	strawberry

Procedures for objective 1a.

Natalia Clifton, University of Massachusetts, will create the raspberry IPM tactic survey questionnaire and manage the Dillman process mailings. Clifton will also manage data entry and summary for the raspberry survey. The survey will be done in accordance with the New England Pest Management Network survey template (Koehler, 2004a).

The other state network project liaisons will assist survey authors by providing mailing lists and reviewing the survey questionnaire to see if it is appropriate for use in their state. Liaisons may use the expertise of other persons in their state to aid in that determination, but the state liaison is responsible for final approval of the survey questionnaire as suitable for their state. If changes are needed to make it suitable, it is incumbent on the state liaison to identify those changes and to notify the person doing the survey. No surveys will be sent to the mailing list from a state until the state liaison has given approval. State liaisons will share draft survey forms with appropriate university and state government staff in their state to make them aware of the survey activity.

*** Objective 1b.** Create a pest profile for pepper production in New England.

Procedures for objectives 1b.

Candace Bartholomew, University of Connecticut, will create the pepper crop profile. The profile will be done in accordance with the New England Pest Management Network crop profile template (Koehler, 2004b).

NEPMNet state liaisons will assist in creating the pepper crop profile by reviewing the draft versions to check that the documents accurately represent their state. Liaisons may use the expertise of other persons in their state to aid in that determination, but the state liaison is responsible for communicating acceptance for their state to the crop profile author. If changes are needed before acceptance can be granted, it is the responsibility of the state liaison to identify those changes and to notify the crop profile author.

*** Objective 1c.** Create a pest management strategic plan for New England strawberry producers.

Procedures for objective 1c.

Ann Hazelrigg, University of Vermont, will organize a strawberry pest management strategic plan meeting and create the PMSP document. The procedures and final PMSP document will comply with USDA requirements (Burr, 2000b) and the New England Pest Management Network PMSP protocol and template (Koehler, 2004d).

State liaisons will supply contact information and help enlist growers, industry representatives, Extension specialists, and other pertinent stakeholders as participants for the PMSP meeting. As with crop profiles, each state liaison is responsible for determining that the draft PMSP is valid for their state, or for identifying changes needed and notifying Ann Hazelrigg as the PMSP author.

Timeline for Survey, Profile, and Strategic Plan

August 15 – Raspberry IPM pest management tactic survey questionnaire draft circulated.

August 15 – Pepper crop profile draft circulated.

September 15 – Raspberry survey questionnaire finalized.

October 15 – Raspberry pest management tactic survey Dillman process initiated (for optimum return rate, we do not send surveys during survey recipients peak busy season.)

November 15 – Pepper crop profile finalized.

November 15 – Strawberry pest management strategic plan meeting held.

December 15 – Strawberry PMSP draft circulated.

December 31 – Raspberry survey data entered, analyzed, and summary report issued.

December 31 – Strawberry PMSP finalized and submitted to national database.

4A. SURVEY – PROFILE – PLAN EVALUATION PLANS

Probable Duration for Survey – Profile – Plan: 12 months for the products described in this proposal.

OBJECTIVES	Performance Rating & Documentation
1a. Raspberry pest management tactic survey	Implementation of procedures described in the NEPMNet survey template. Survey results summary published on the PRONewEngland.org website. Mailing list corrections sent to state liaisons.
1b. Pepper crop profile	Review conducted to confirm that the crop profile conforms to the NEPMNet crop profile template. Review for state acceptance of the crop profile conducted by state liaisons in all six New England states.
1c. Strawberry pest management strategic plan	Pest management strategic plan meeting and document conform to USDA checklist and the NEPMNet template. Acceptance of the strategic plan as valid by state liaisons in all six New England states. New England strawberry PMSP accepted by USDA national PMSP database and linked to the PRONewEngland.org website.

SURVEY – PROFILE – PLAN

5A. COOPERATION AND INSTITUTIONAL UNITS INVOLVED

6A. KEY PERSONNEL

7A. COLLABORATIVE ARRANGEMENTS

Project Roles and Responsibilities

University of Maine Cooperative Extension - Lead institution

Glen Koehler

- Contract finalization and oversight, budget revisions.
- State liaison duties for Maine related to survey, profile, and PMSP activity: provide mailing lists for tactic surveys; crop profile review; participants and review of strategic plans.
- Coordinate state liaison, survey, and pest management strategic plan activities for all six states.
- Progress reports.

James Dill

- Contract oversight for New England Pest Management Network contract activity, and for other subcontracts to cooperators in the other New England states.

University of Connecticut Cooperative Extension

Candace Bartholomew

- State liaison duties for Connecticut related to survey, profile, and PMSP activity: provide mailing lists for tactic surveys; crop profile review; participants and review of strategic plans.
- Create pepper crop profile.

University of Massachusetts Cooperative Extension

Natalia Clifton, Pat Vittum

- State liaison duties for Massachusetts related to survey, profile, and PMSP activity: provide mailing lists for tactic surveys; crop profile review; participants and review of strategic plans.
- Conduct Dillman method raspberry IPM tactic survey.
- Data entry, analysis, and summary for raspberry survey.

University of New Hampshire Cooperative Extension

Alan Eaton

- State liaison duties for New Hampshire related to survey, profile, and PMSP activity: provide mailing lists for tactic surveys; crop profile review; participants and review of strategic plans.

University of Rhode Island Cooperative Extension

Margaret Siligato, Steve Alm

- State liaison duties for Rhode Island related to survey, profile, and PMSP activity: provide mailing lists for tactic surveys; crop profile review; participants and review of strategic plans.

University of Vermont Cooperative Extension

Ann Hazelrigg, Sarah Kingsley-Richards

- State liaison duties for Vermont related to survey, profile, and PMSP activity: provide mailing lists for tactic surveys; crop profile review; participants and review of strategic plans.
- Strawberry pest management strategic plan.