

Dear Pepper Grower,

With your help and with the help of growers throughout New England, the University of Connecticut Extension in cooperation with the universities of Massachusetts, Maine, Rhode Island, New Hampshire, and Vermont are creating a New England pepper pest management strategic plan. The first step in the process is to gather accurate information on current practices.

USDA and EPA use strategic plans to support the continuation and introduction of key pesticide registrations. The survey results and strategic plan will also be useful to Extension staff and others for identifying research and educational needs in New England. Being able to cite a survey with many responses is an advantage when applying for funds to support Extension and research. Your help in filling out the survey can come back to you through better understanding of your needs by EPA and USDA, and through enhanced education and research programs.

Please take the time to fill out the enclosed survey. We need your information if we are to develop an accurate picture of the needs of you and your neighboring growers. Please note – the information that you give us will be strictly confidential.

If you have any questions please feel free to contact SURVEY COODINATOR Candace Bartholomew at 1-860-570-9067 or email Candace.Bartholomew@uconn.edu.

Thank you very much for your assistance.

Sincerely,

Candace Bartholomew
University of Connecticut

Dr. Alan Eaton
University of New Hampshire

Natalia P. Clifton, Dr. Patricia Vittum
University of Massachusetts

Margaret Siligato, Dr. Steven Alm
University of Rhode Island

Dr. James Dill, Glen Koehler
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New England Pest Management Network

(PRONewEngland.org)



University of
Connecticut



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Pepper Pest Management Tactic Survey.

Did you grow peppers for sale in 2005? (Please circle Yes or No)

Yes ----> please continue below

No ----> if no, please return questionnaire using the self-addressed stamped envelope – Thank you!

If Yes, please have the person most responsible for crop management decisions on your farm complete this survey.

Please provide an answer to every question. Please select the option that seems to fit best even if a question does not seem to apply to you, or if you have to estimate.

A1. How many acres of peppers did you manage in 2005?

_____ Acres

A2. Over the past five years, what is your estimated average annual yield of peppers per acre?

_____ Bushels/Acre

3. What percentage of your peppers crop is:

Please enter a number for each type even if zero, with a total of 100%.

Hot peppers _____%

Sweet peppers _____%

Others (specify _____) _____%

Total = 100 %

Continue to next page

A4. What percentage of your pepper crop is sold through each of these markets?

Please enter a number for each type even if zero, with a total of 100%.

U-Pick, Pick-Your-Own _____%

Fresh market, retail (pre-picked) _____%

Fresh market, wholesale _____%

Processing _____ %
 Other (specify _____) _____ %
 Total = 100 %

Horticultural Management for Peppers

B1. Which of the following practices do you use?

Please circle all that apply.

- Transplanted in flat mulched beds
- Transplanted into raised mulched beds
- Transplanted into unmulched ground
- Direct seeded into unmulched ground
- Reduced or No-till planting
- Fresh manure
- Composted manure
- Trickle irrigation
- None of the above
- Other (please specify) _____

B2. Do you use a soil sample to determine fertilizer needs for peppers, if so how often?

Please circle the answer that fits best.

- More than 1 time each year
- Once every year
- Once every 2 years
- No soil sampling for fertility needs
- Other (please specify) _____

Continue to next page

Pest Management Information for Peppers

C1. Please estimate your average number of pesticide applications for Peppers used in a typical year:

Please enter a number for each type of spray even if zero.

- Number of times you spray for insects each year _____
- Number of times you spray for mites each year _____
- Number of times you spray for weeds each year _____
- Number of times you spray diseases each year _____

C2. Which of these insect and mite pests require routine annual control, require occasional control, are rarely a problem, or are never a problem on your farm?

Please circle an answer for each insect or mite pest.

European Corn Borer problem	Routine, annual control	Occasional control	Never a
Pepper Maggot problem	Routine, annual control	Occasional control	Never a
Aphids	Routine, annual control	Occasional control	Never a

problem			
Fall Armyworms	Routine, annual control	Occasional control	Never a
problem			
Beet Armyworms	Routine, annual control	Occasional control	Never a
problem			
Corn Earworms	Routine, annual control	Occasional control	Never a
problem			
Black Cutworms	Routine, annual control	Occasional control	Never a
problem			
Two Spotted Mites	Routine, annual control	Occasional control	Never a
problem			
Thrips	Routine, annual control	Occasional control	Never a
problem			
Corn Earworms	Routine, annual control	Occasional control	Never a
problem			
Pepper Weevil	Routine, annual control	Occasional control	Never a
problem			
Cyclamen Mites	Routine, annual control	Occasional control	Never a
problem			
Leafminers	Routine, annual control	Occasional control	Never a
problem			
Cyclamen Mites	Routine, annual control	Occasional control	Never a
problem			
Hornworms	Routine, annual control	Occasional control	Never a
problem			
Common Stalk Borer	Routine, annual control	Occasional control	Never a
problem			
Flea Beetles	Routine, annual control	Occasional control	Never a
problem			
Caterpillars	Routine, annual control	Occasional control	Never a
problem			
Colorado Potato Beetle	Routine, annual control	Occasional control	Never a
problem			

Continue to next page

Japanese /Asiatic	Routine, annual control	Occasional control	Never a
problem			
Plant/ Stink Bugs	Routine, annual control	Occasional control	Never a
problem			
Grasshoppers	Routine, annual control	Occasional control	Never a
problem			
Slugs	Routine, annual control	Occasional control	Never a
problem			
Wireworms	Routine, annual control	Occasional control	Never a
problem			

Other insect or mite pest (Specify: _____)

a problem Routine, annual control Occasional control Never

C3. Which of these diseases require routine annual control, require occasional control, are rarely a problem, or are never a problem on your farm?

Please circle an answer for each disease.

Bacterial Leaf Spot Routine, annual control Occasional control Never a problem

Phytophthora Routine, annual control Occasional control Never a problem

Cucumber Mosaic Virus Routine, annual control Occasional control Never a problem

Tomato Spotted Virus Routine, annual control Occasional control Never a problem

Alfalfa Mosaic Virus Routine, annual control Occasional control Never a problem

Potato Virus Routine, annual control Occasional control Never a problem

Tobacco Etch Virus Routine, annual control Occasional control Never a problem

Tobacco Mosaic Virus Routine, annual control Occasional control Never a problem

Rhizoctonia Routine, annual control Occasional control Never a problem

Pythium Routine, annual control Occasional control Never a problem

Sclerotinia Routine, annual control Occasional control Never a problem

Anthracnose Routine, annual control Occasional control Never a problem

Alternaria Routine, annual control Occasional control Never a problem

Cercospora leaf Spot Routine, annual control Occasional control Never a problem

Bacterial Soft Spot Routine, annual control Occasional control Never a problem

Northern Root Knot Nematode Routine, annual control Occasional control Never a problem

Lesion Nematodes Routine, annual control Occasional control Never a problem

Stubby Root Nematodes Routine, annual control Occasional control Never a problem

Other diseases :

(Specify: _____) Routine, annual control Occasional control

Never a problem

Continue to next page

C4. Which of these weed types require routine annual control, require occasional control, are rarely a problem, or are never a problem on your farm?

Please circle an answer for each weed group.

Annual Broadleaf Weeds a problem	Routine, annual control	Occasional control	Never
Perennial Broadleaf Weeds problem	Routine, annual control	Occasional control	Never a
Annual Grasses a problem	Routine, annual control	Occasional control	Never
Perennial Grasses problem	Routine, annual control	Occasional control	Never a

C5. What vertebrate pests require routine annual control, require occasional control, are rarely a problem, or are never a problem on your farm?

Please circle an answer for vertebrate pest.

Vertebrate pests

Deer problem	Routine, annual control	Occasional control	Never a
Other weed or vertebrate pest (Specify: _____) a problem	Routine, annual control	Occasional control	Never

In order to understand the importance of various pesticides and alternative strategies for Pepper pest management, the following sections D-F ask for specific information about your actual pesticide use and alternative pest management strategies.

For each of the following pests, indicate the **percentage of your pepper crop treated in 2005**

Please note! If you did not treat for the pest, please put “0” in the “percent treated” slot. If you give no answer we won’t know if you meant zero percent treated or if you skipped the question.

Please circle the pesticides that you used, and rate their effectiveness (**Excellent, Good, or Poor**).

If you used non-pesticide strategies to control a pest, please specify them in the line for **“Other Strategies Employed”**.

If a single treatment is targeted at several pests, please answer each question as if treatment

was targeted at that particular pest.

Continue to next page

Insect and Mite Pests of Pepper

D1. European Corn Borer

a) Percent of pepper crop treated for European Corn Borer in 2005 _____%

Please circle all pesticides that you used.

<u>b) Pesticide</u>	<u>Please rate efficacy for each circled</u>	
<u>pesticide</u>		
Ambush 2E 25W/ Pounce 3.2EC, 25WC (permethrin)	Excellent	Good
Poor Alternate shading on rows		
Asana XL2 (esfenvalerate)	Excellent	Good
Poor		
Baythroid 2E (cyfluthion)	Excellent	Good
Poor		
Dipel 2X B.t. (kurstaki)	Excellent	Good
Poor		
Lannate LV, SP (methomyl)	Excellent	Good
Poor		
Orthene 75SP (acephate)	Excellent	Good
Poor		
Sevin 50 W, 80S, XLR Plus 4F (carbaryl)	Excellent	Good
Poor		
SpinTor 2SC (spinosad)		
Other Pesticide(s) used:		
(Please Specify) _____	Excellent	Good
Poor		
(Please Specify) _____	Excellent	Good
Poor		
Other Strategies used:		
(Please Specify) _____	Excellent	Good
Poor		
(Please Specify) _____	Excellent	Good
Poor		

D2. Pepper Maggot

a) Percent of pepper crop treated for Pepper Maggot 2005 _____%

Please circle all pesticides that you used.

<u>b) Pesticide</u>	<u>Please rate efficacy for each circled</u>	
<u>pesticide</u>		
Ambush 2E 25W/ Pounce 3.2EC, 25WC (permethrin)	Excellent	Good
Poor		
Asana XL2 (esfenvalerate)	Excellent	Good
Poor		
Dimethoate 4EC (dimethoate)	Excellent	Good

Poor	Malathion 5EC, 8EC, 50W, 25 W (malathion)	Excellent	Good	
Poor	Orthene 75SP (acephate)	Excellent	Good	
Poor	Thiodan 3EC or 50W (endosulfan)	Excellent	Good	Poor

Continue to next page

Other Pesticide(s) used: (Please Specify) _____	Excellent	Good	Poor
Other Strategies used: (Please Specify) _____	Excellent	Good	Poor
(Please Specify) _____	Excellent	Good	Poor

D3. Aphids

a) Percent of pepper crop treated for Aphids in 2005

Please circle all pesticides that you used.

<u>b) Pesticide</u>	<u>Please rate efficacy for each circled</u>		
<u>pesticide</u>			
Admire 2F/Provado (imidacloprid)	Excellent	Good	
Poor			
Azatin XL /Neemix 4.5 (azadirachtin)	Excellent	Good	
Poor			
BotaniGard ES 22WP/Mycotrol ES (Beauveria bassiana)	Excellent	Good	
Poor			
Diazinon AG 500, AG 600, 50W (diazinon)	Excellent	Good	
Poor			
Dimethoate 4EC (dimethoate)	Excellent	Good	
Poor			
Horticultural oil	Excellent	Good	
Poor			
Insecticidal soap (potassium salts of fatty acids)	Excellent	Good	
Poor			
Lannate L (methomyl)	Excellent	Good	
Poor			
Malathion 5EC, 8EC, 50W, 25 W (malathion)	Excellent	Good	
Poor			
Metasystox-R (oxydenmetonmethyl)	Excellent	Good	
Poor			
Orthene 75S (acephate)	Excellent	Good	
Poor			
Sevin 50 W, 80S XLR Plus, 4F (carbaryl)	Excellent	Good	
Poor			
Thiodan 3ECor 50W (endosulfan)	Excellent	Good	
Poor			
Vydate L (oxyamyl)	Excellent	Good	
Poor			

Other Pesticide(s) used:

(Please Specify) _____

Excellent Good

Poor

(Please Specify) _____

Excellent Good

Poor

Other Strategies used:

(Please Specify) _____

Excellent Good

Poor

(Please Specify) _____

Excellent Good Poor

Continue to next page

D4. Fall Armyworms, Beet Armyworms, Corn Earworms, Black Cutworms

a) Percent of pepper crop treated for Fall Armyworms, Beet Armyworms, Corn Earworms, Black cutworms in 2005_____.

Please circle all pesticides that you used.

b) Pesticide

Please rate efficacy for each circled

pesticide

Ambush 2E 25W/ Pounce 3.2EC, 25WC (permethrin)

Excellent Good

Poor

Asana XL (esfenvalerate)

Excellent Good

Poor

Baythroid 2E (cyfluthion)

Excellent Good

Poor

Confirm 2F (tebufenozide)

Excellent Good

Poor

B.t (Match, Cymac, Javelin) b.t (kurstaki)

Excellent Good

Poor

Kryocide (cryolite)

Excellent Good

Poor

Lannate Lv, SP (methomyl)

Excellent Good

Poor

Orthene 75SP (acephate)

Excellent Good

Poor

Sevin 50 W, 80S XLR Plus, 4F (carbaryl)

Excellent Good

Poor

SpinTor 2SC (spinosad)

Excellent Good

Poor

Thiodan 3EC or 50W (endosulfan)

Excellent Good

Poor

Other Pesticide(s) used:

(Please Specify) _____

Excellent Good

Poor

(Please Specify) _____

Excellent Good

Poor

Other Strategies used:

(Please Specify) _____

Poor

Excellent Good

(Please Specify) _____

Poor

Excellent Good

D5. Mites

a) Percent of pepper crop treated for Mites in 2005 _____%.

Please circle all pesticides that you used.

<u>b) Pesticide</u>	<u>Please rate efficacy for each circled</u>	
<u>pesticide</u>		
Agri-Mek 0.15 EC (avermectin)	Excellent	Good
Poor		
Dimethoate 4EC (dimethoate)	Excellent	Good
Poor		
Diazinon AG 500, AG 600, 50W (diazinon)	Excellent	Good
Poor		
Horticultural oil	Excellent	Good
Poor		
Insecticidal soap (potassium salts of fatty acids)	Excellent	Good
Poor		
Kelthane MF (dishful)	Excellent	Good
Poor		
Malathion 5EC, 8EC, 50W, 25 W (malathion)	Excellent	Good
Poor		
<u>Continue to next page</u>		
Metasystox-R (oxydenmetonmethyl)	Excellent	Good
Poor		
Microthiol Special (sulfur)	Excellent	Good
Poor		
Other Pesticide(s) used:		
(Please Specify) _____	Excellent	Good
Poor		
(Please Specify) _____	Excellent	Good
Poor		
Other Strategies used:		
(Please Specify) _____	Excellent	Good
Poor		
(Please Specify) _____	Excellent	Good
Poor		

Continue to next page

D6. Leafminers

a) Percent of pepper crop treated for Leafminers in 2005 _____ %.

Please circle all pesticides that you used.

<u>b) Pesticide</u>	<u>Please rate efficacy for each circled</u>	
<u>pesticide</u>		
Agri-Mek 0.15EC (avermectin)	Excellent	Good
Poor		
Ambush 2E 25W/ Pounce 3.2EC, 25WC (permethrin)	Excellent	Good
Poor		
Baythroid 2EC (cyfluthion)	Excellent	Good
Poor		
Dimethoate 4EC (dimethoate)	Excellent	Good
Poor		
Diazinon AG 500, AG 600, 50W (diazinon)	Excellent	Good
Poor		
Horticultural oil	Excellent	Good
Poor		
SpinTor 2SC (spinosad)	Excellent	Good
Poor		
Trigard (azadirachtin)	Excellent	Good
Poor		
Vydate L (oxyamyl)	Excellent	Good
Poor		
Other Pesticide(s) used:		
(Please Specify) _____	Excellent	Good
Poor		
(Please Specify) _____	Excellent	Good
Poor		
Other Strategies used:		
(Please Specify) _____	Excellent	Good
Poor		
(Please Specify) _____	Excellent	Good
Poor		

Continue to next page

D7. Pepper weevil

a) Percent of pepper crop treated for Pepper weevil in 2005 _____%

Please circle all pesticides that you used.

<u>b) Pesticide</u>	<u>Please rate efficacy for each circled</u>	
<u>pesticide</u>		
Ambush 2E 25W/ Pounce 3.2EC, 25WC (permethrin)	Excellent	Good
Poor		
Asana XL (esfenvalerate)	Excellent	Good
Poor		
Baythroid 2E (cyfluthion)	Excellent	Good
Poor		
Kryocide (cryolite)	Excellent	Good
Poor		
Vydate L (oxyamyl)	Excellent	Good
Poor		
Other Pesticide(s) used:		
(Please Specify) _____	Excellent	Good
Poor		
(Please Specify) _____	Excellent	Good
Poor		
Other Strategies used:		
(Please Specify) _____	Excellent	Good
Poor		
(Please Specify) _____	Excellent	Good
Poor		

Continue to next page

Disease Management for Peppers

For each of the following diseases, indicate the **percentage of your peppers crop treated in 2005**.

***** If you did not treat for the disease, please put “0” in the “percent treated” slot.** If no answer is given we won't know if you meant zero percent treated or if you skipped the question.

Please circle the pesticides that you used, and rate their effectiveness (**Excellent, Good, or Poor**).

If you used non-pesticide strategies to control a disease, please specify them in the line for **“Other Strategies Employed”**.

If a single treatment is targeted at several diseases, please answer each question as if treatment was targeted at that particular disease.

E1. Bacterial Leaf Spot

a) **Percent of pepper crop treated for bacterial Leaf Spot in 2005 _____ %**

Please circle all pesticides that you used.

<u>b) Pesticide</u>	<u>Please rate efficacy for each circled</u>		
<u>pesticide</u>			
Chlorine (Ag Clor 310)	Excellent	Good	Poor
Copper	Excellent	Good	Poor
Hot Water treatment	Excellent	Good	Poor
Agri-Mycin 17 (Streptomycin sulfate)	Excellent	Good	Poor
Other Pesticide(s) used: (Please Specify) _____	Excellent	Good	Poor
Alternate shading on rows (Please Specify) _____	Excellent	Good	Poor
Other Strategies used: (Please Specify) _____	Excellent	Good	Poor
(Please Specify) _____	Excellent	Good	Poor

Continue to next page

E2. . Phytophthora

a) Percent of pepper crop treated for Phytophthora in 2005 _____%

Please circle all pesticides that you used.

<u>b) Pesticide</u> <u>pesticide</u>	<u>Please rate efficacy for each circled</u>		
Maneb 80W Or 75DF (Maneb)	Excellent	Good	Poor
Ridomil Gold EC (mefenoxam)	Excellent	Good	Poor
Vapam	Excellent	Good	Poor
Other Pesticide(s) used:			
(Please Specify) _____	Excellent	Good	Poor
(Please Specify) _____	Excellent	Good	Poor
Alternate shading on rows			
Other Strategies used:			
(Please Specify) _____	Excellent	Good	Poor
(Please Specify) _____	Excellent	Good	Poor

E3. Viruses

a) Percent of pepper crop treated for Viruses in 2005 _____%

Please circle all pesticides that you used.

<u>b) Pesticide</u> <u>pesticide</u>	<u>Please rate efficacy for each circled</u>	
Chlorine (Ag Clor300)	Excellent	Good
Poor		
Other Pesticide(s) used:		
(Please Specify) _____	Excellent	Good
Poor Alternate shading on rows		
(Please Specify) _____	Excellent	Good
Poor		
Other Strategies used:		
(Please Specify) _____	Excellent	Good
Poor		
(Please Specify) _____	Excellent	Good
Poor		

Continue to next page

E4. Do you practice crop rotation to manage diseases in peppers?

Please circle the answer that fits best.

- No rotation used
- Two-year rotation
- Three-year rotation
- Other (please specify) _____

E5. Please list cultural practices used to control diseases in peppers.

<u>Cultural practices used</u> <u>practice listed</u>	<u>Please rate efficacy for each</u>		
_____	Excellent	Good	Poor
_____	Excellent	Good	Poor
_____	Excellent	Good	Poor
_____	Excellent	Good	Poor

Weed Management for Peppers

F1. Stale Seedbed

a) Percent of pepper crop for which stale seedbed strategy was used in 2005

_____ %

Please circle all pesticides that you used.

<u>b) Pesticide</u> <u>each circled pesticide</u>	<u>Please rate efficacy for</u>	
Gramoxone Extra2.5WS (paraquat) Poor	Excellent	Good
Poast1.5E (sethoxydim) Poor	Excellent	Good
Roundup Ultra (glyphosate) Poor	Excellent	Good
Scythe (pelargonic acid) Poor	Excellent	Good
Other Pesticide(s) used: (Please Specify) _____ Poor	Excellent	Good
Alternate shading on rows (Please Specify) _____ Poor	Excellent	Good

Continue to next page

F2. Preemergence herbicide

a) Percent of pepper crop treated with preemergence applications in 2005

_____ %

Please circle all pesticides that you used.

**b) Pesticide
circled pesticide**

Please rate efficacy for each

Command4EC (clomazone)	Excellent	Good
Poor		
Devrinol50-DF, 2E (napropamide)	Excellent	Good
Poor		
Prefar 4E (bensulide)	Excellent	Good
Poor		
Treflan 4E (trifluralin)	Excellent	Good
Poor		
Other Pesticide(s) used:		
(Please Specify) _____	Excellent	Good
Poor Alternate shading on rows		
(Please Specify) _____	Excellent	Good
Poor		

F3. Postemergence herbicide

a) Percent of pepper crop treated with postemergence applications in 2005

_____ %

Please circle all pesticides that you used.

**b) Pesticide
circled pesticide**

Please rate efficacy for each

Dual8E (metolachlor)	Excellent	Good
Poor		
Dual Magnum7.62E (S-metolachlor)	Excellent	Good
Poor		
Other Pesticide(s) used:		
(Please Specify) _____	Excellent	Good
Poor Alternate shading on rows		
(Please Specify) _____	Excellent	Good
Poor		

Continue to next page

F5. Which cultural weed management practices did you use?

Practice (circle all that apply)

Please rate efficacy for each circled item

None			
Mowing	Excellent	Good	Poor
Mulching	Excellent	Good	Poor
Cultivation	Excellent	Good	Poor
Hand weeding	Excellent	Good	Poor
Other (please specify) _____ shading on rows	Excellent	Good	Poor Alternate
Other (please specify) _____	Excellent	Good	Poor

Continue to next page

Vertebrate Pest Management for Peppers

G1. Please list vertebrate pests, strategies used, and rate the effectiveness of control.

<u>Vertebrate Pest of Control</u>	<u>Strategies used</u>	<u>Effectiveness</u>
_____	_____	Excellent
Good Poor		
_____	_____	Excellent
Good Poor		
_____	_____	Excellent
Good Poor		
_____	_____	Excellent
Good Poor		

Continue to next page

Pepper Pest Management Decision Making:

H1. What kinds of pest monitoring do you use for pest management decisions?

Please put a check mark by at least one option, and all others that apply.

- No monitoring. Sprays made on calendar basis.
- Informal observations influence decisions, but no special field visits for pest observations.
- Sampling according to standard procedures or traps, and comparing observations to pest threshold.
- Use of pest tracking models to determine need or timing for sampling and control.

The gibberish below H1 is my fault. I was editing the template, left it midstream, and forgot to come back and clean it up. I'm surprised you blindly copied such a mess. I've fixed the template online to correct this.

H2. Who collects pest monitoring information for your farm?

Please circle all that apply.

Please put a check mark by at least one option, and all others that apply.

- No one
- You
- Farm employee or family member
- Private IPM scout/consultant
- Other (specify: _____)

Continue to next page

H3. How important are these factors to you when choosing pesticides for use on your farm?

Please circle an answer for each item.

- | | |
|--|----------------|
| a) Applicator hazard (toxicity to humans) | Very Important |
| Somewhat Important Not Important | |
| b) Cost per Treatment | Very Important |
| Somewhat Important Not Important | |
| c) Customer relations (food safety concerns) | Very Important |
| Somewhat Important Not Important | |
| d) Effectiveness against pest compared to alternative products | Very Important |
| Somewhat Important Not Important | |
| e) Formulation (liquid vs. dry, water soluble bags) | Very Important |
| Somewhat Important Not Important | |
| f) Impact on beneficial species (parasites, predators, pollinators) | Very Important |
| Somewhat Important Not Important | |
| g) Label restrictions (reentry & preharvest interval, protective equip.) | Very Important |
| Somewhat Important Not Important | |
| h) Size or type of packaging | Very Important |
| Somewhat Important Not Important | |
| i) Other potential nontarget and environmental impacts | Very Important |
| Somewhat Important Not Important | |
| j) Storage requirements | Very Important |
| Somewhat Important Not Important | |

H4. How often do you use the following weather information in making your pest management decisions?

Please circle an answer for each item.

- | | | |
|--|------------|--------------|
| a) Forecasts for timing of next rain | Frequently | Occasionally |
| Rarely | | |
| b) Rainfall accumulation (for effect on spray residue) | Frequently | Occasionally |
| Rarely | | |
| c) Temperature or degree days | Frequently | Occasionally |
| Rarely | | |
| d) Humidity and/or leaf wetness hours | Frequently | Occasionally |
| Rarely | | |
| e) Wind speed forecast | Frequently | Occasionally |
| Rarely | | |

Continue to next page

H4. How important are these information sources in making your pest management decisions?

Please circle an answer for each item.

a) Twilight meetings, field days Important	Very important	Somewhat important	Not
<u>Continue to next page</u>			
b) Off-season educational meetings Important	Very important	Somewhat important	Not
c) Northeast Pepper IPM Manual Important	Very important	Somewhat important	Not
d) Newsletters Important	Very important	Somewhat important	Not
e) Web sites Important	Very important	Somewhat important	Not
f) Trade publications Important	Very important	Somewhat important	Not
g) Other growers Important	Very important	Somewhat important	Not
h) Suppliers/dealers Important	Very important	Somewhat important	Not
i) University/Extension staff Important	Very important	Somewhat important	Not
j) Other _____ Important	Very important	Somewhat important	Not

H6. Would you use irrigation scheduling guidance based on observed and forecast weather if it were available?

Yes No Not Sure

H7. Have you visited the PRONewEngland.org (PRO =Pest Resources Online) web site?

Yes No

If “Yes”, was the site useful to you?

Yes No

What suggestions or comments do you have about the PRONewEngland.org web site?

Your comments:

Research, Education and Regulatory Priorities:

I1. Please list needs or ideas (as many as you wish) that you think should be given high priority for pepper pest management Research.

I2. Please needs or ideas (as many as you wish) that you think should be given high priority for pepper pest management Education.

I3. Please needs or ideas (as many as you wish) that you think should be given high priority for pepper pest management Regulatory changes.

Continue to next page

I4. Open question. Opportunity for your comments about pepper pest management or this survey.

Thank you for your help!

**Please return your questionnaire in the enclosed envelope to:
University of Connecticut
Cooperative Extension
1800 Asylum Ave.
West Hartford, CT 06117**