

Horticultural Entomology Resources On IPM For The Field Practitioner

Colored 2' x 3' Posters on Vegetable & Fruit IPM &
Colored PowerPoint Crop IPM ID Sheets - 8 1/2" x 11"

NC STATE UNIVERSITY

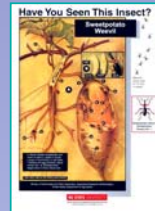
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- Asian Ambrosia Beetle on Grapes
- Apple Insect Mgmt.
- Armyworm, Thrips, & Mite Mgmt.
- Asparagus Insect Mgmt.
- Bean/Pea Insect Mgmt.
- Blueberry Insect Mgmt.
- Blueberry Insects & Ent. Resources
- Carrot Insect Mgmt.
- Crucifer Insect Mgmt.
- Cucumber Insect Mgmt.
- Cucumber: Pickleworm Mgmt.
- Eggplant Insect Mgmt.
- Gherkin Insect Mgmt.
- Grape Insect Mgmt.
- Grape Root Borer Mgmt.
- Greenhouse Vegetable Insect Mgmt.
- Home Fruit Insect Mgmt.
- Home Vegetable Insect Mgmt.
- Horticultural Entomology Resources
- Insects & Plants Distance Education
- Insect Traps in the Field & Greenhouse
- Major Invasive Insects Established on Vegetables in N.C.
- Most Wanted Small Fruit Pests
- Most Wanted Tree Fruit Pests
- Most Wanted Greenhouse Vegetable Pests
- Most Wanted Vegetable Pests

- Okra Insect Mgmt.
- Onion Insect Mgmt.
- Outreach Distance Education Course in Entomology
- Peach Insect Mgmt.
- Pecan Insect Mgmt.
- Pecan Weevil Mgmt./
- Pepper Insect Mgmt.
- Phloem Feeding Insects on Grapes
- Potato Insect Mgmt.
- Specialty Crop Insect Mgmt.
- Squash Insect Mgmt.
- Major Strawberry Insects in the South
- Strawberry Insect Mgmt.
- Strawberry IPM: Pesticide Assessment
- Strawberry Spider Mite Mgmt.
- Sweetpotato Insect Mgmt.
- Sweetpotato Insect Technology & Application
- Sweetpotato Weevil, *Cylas formicarius elegantulus* (Summers) in North Carolina:
- Sweetpotato Root Insects: Recognition of Damage
- Sweetpotato Weevil in North Carolina
- Sweet Corn Insect Mgmt.
- Tomato Insect Mgmt.
- The Value of Insects
- Watermelon Insect Mgmt.
- Worm, Beetle & Mite Mgmt. in N.C.



Poster Displays



English & Spanish

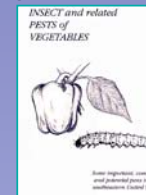
Annual On-Farm Test Reports



Also CD format



Vegetable Insect Manual



Insect Identification Guides on Cucumbers & Sweetpotatoes



Web-Based Course



Fruit and Vegetable Insect Resources

- IPM Fruit Insect Publications
- Videotape Library
- IPM Vegetable Insect Publications
- N. C. Agricultural Chemicals Manual
- Crop Profiles – Fruit and Vegetables
- Strategic Plans – Fruit and Vegetables

Insect Posters

Cucumber



Crucifers



Peppers



Sweetpotatoes



Vegetable Insect Notes

- | No. | General |
|-----|--|
| 9 | Slugs |
| 14 | <i>Bacillus thuringiensis</i> - A Biological Insecticide |
| 17 | Greenhouse Vegetable Insect Control |
| 21 | Insect Control for Organic Farmers |
| 27 | Flea Beetles on Vegetables |
| 31 | The Seedcorn Maggot |
| 42 | True Bugs in the Field and Garden |
| 52 | Insects on Okra |
| | <u>Asparagus</u> |
| 35 | Asparagus Insects and Their Control |
| 36 | Asparagus Aphid |
| | <u>Beans/Peas</u> |
| 10 | Control of Weevils in Stored Peas and Beans |
| 26 | Mexican Bean Beetle |
| 28 | The Bean Leaf Beetle |
| 29 | The Cowpea Curculio |
| | <u>Crucifers</u> |
| 5 | Cabbage Maggot |
| 11 | Diamondback Moth |
| 12 | Cabbage Worm Complex |
| 13 | Insecticide Application for Cabbage |
| | <u>Worm Complex</u> |
| 40 | Cabbage Looper |
| | <u>Cucurbits</u> |
| 1 | Pickleworm |
| 20 | The Squash Vine Borer |
| 25 | Cucumber Beetles |
| 54 | Gherkin Fruit Borer |
| 53 | Spotted Cucumber Beetle in Sweetpotato |

No. Peppers

- | | |
|----|---|
| 30 | Pepper Insects and Their Control |
| 34 | Pepper Weevil |
| 37 | Pepper Worm Management |
| 39 | Pepper Worm Maggot |
| | <u>Potato</u> |
| 2 | European Corn Borer in Irish Potatoes |
| 3 | Potato Tuberworm |
| 23 | N.C. Potato Insect Management Guide |
| | <u>Tomato</u> |
| 4 | Tomato Fruitworm |
| 6 | Trellised Tomato Pests (Early Season) |
| 7 | Tomato Pests |
| 32 | Insecticides and Tomato Insects |
| 33 | Tomato Pinworm |
| 46 | Tobacco Hornworm |
| 51 | Tomato Russet Mite |
| | <u>Home Garden</u> |
| 8 | Insecticide Formulations for Home Gardens |
| 15 | Garden Insect Control |
| 16 | Application Equipment for the Home |
| | <u>Sweetpotato</u> |
| 24 | Wireworms in Sweetpotatoes |
| 38 | The Sweetpotato Weevil |
| 44 | Whitefringed Beetle on Sweetpotato |
| 47 | Sweetpotato Flea Beetle |
| 48 | Spring Rose Beetle |
| 49 | Tortoise Beetle |
| | <u>Corn</u> |
| 19 | Corn Earworm |
| 41 | Corn Worm Management |

Fruit Insect Notes

- | No. | Title |
|-----|--|
| A-1 | Integrated Mite Control on Apple |
| B-1 | Four Economic Larvae of Blueberries at Harvest Time |
| B-2 | The Blueberry Maggot |
| B-3 | Some Factors Affecting Insect & Mite Infestations on Blueberry |
| B-4 | Blueberry Bud Mite and Its Control |
| B-5 | Sharpnose Leafhopper |
| C-1 | Chestnut Insects |
| G-1 | Diseases and Insects of Bunch Grapes and Their Control in N C |
| G-2 | Insects Reported on Grapes in North Carolina |
| G-3 | The Grape Root Borer |
| M-1 | Insect Monitoring on Fruit & Vegetables |
| P-1 | Insects and Related Pests of Pecan |
| P-2 | Pecan Insects and Their Management in North Carolina |
| P-3 | The Asian Ambrosia Beetle |
| P-4 | Pecan Aphids |
| S-1 | Insects and Related Pests of Strawberry |
| S-2 | The Strawberry Spider Mite and Its Control |
| S-3 | Strawberry Sap Beetles and Their Management |
| S-4 | Strawberry Weevil |
- Plant Pathology Note #238, Spray Guide for Disease and Insect Control in the Home Orchard

Other Resources

- | | | |
|--------------------------|-----------------------------------|--|
| • Pest Alert News | • Freeze-dried insects/damage | • Slide Sets and CD's |
| • email | • On Farm Tests | • PowerPoint Series |
| • Sweetpotato Pest Alert | • Insect Monitoring | • Plant Disease/Insect Clinics |
| • Pinned Insects | • County Grower Meetings | • County Plant Clinics |
| • VegiNews | • Liquid preserved insects/damage | • Poster Displays – Videos |
| • Training Workshops | • Field Day – Tours | • Production Guides |
| • On Site Visits | • Arthropod Mgmt. Tests | • Some notes/posters & cd's in Spanish & Hindi |

Useful Web Sites

- IPM NCSU - <http://ipm.ncsu.edu>
- NCSU - www.cals.ncsu.edu/entomology
- NCSU - www.ncsu.edu
- NCSU - <http://pestdata.ncsu.edu/cropprofiles/>
- N. C. Pest Management Information Program - <http://ipm.ncsu.edu/ncpmip/>
- Kenneth A. Sorensen Web Page - <http://www.cals.ncsu.edu/entomology/sorensen/>