scaffolds Update on Pest Management and Crop Development

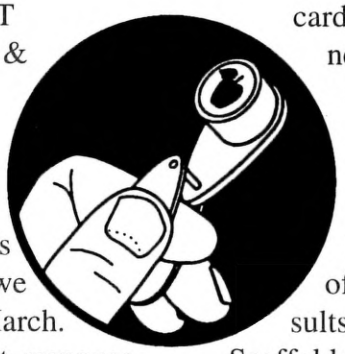
FRUIT JOURNAL

September 30, 1996 VOLUME 5 Geneva, NY

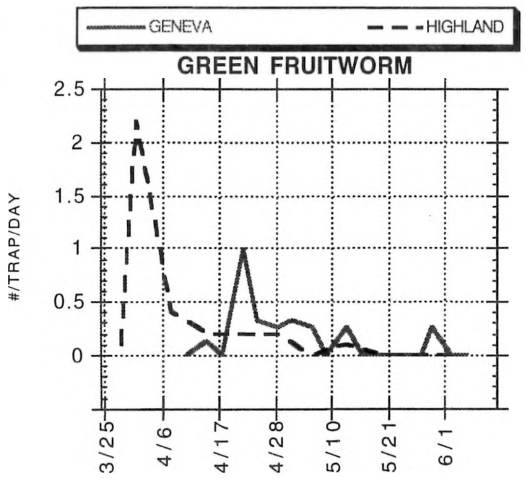
INSECTS

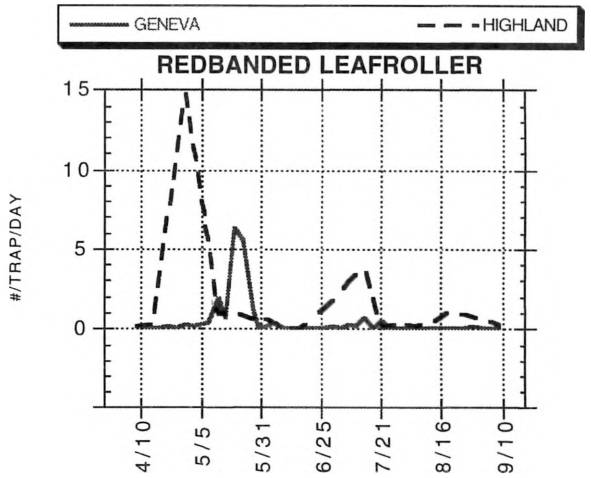
GONE PICKIN'

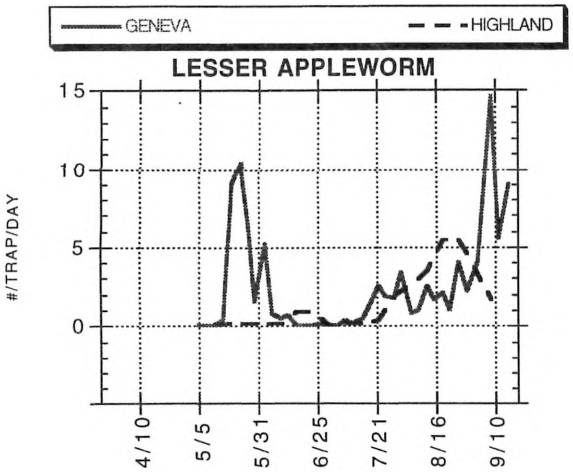
FINAL REPORT
(Art Agnello & Dave Kain)

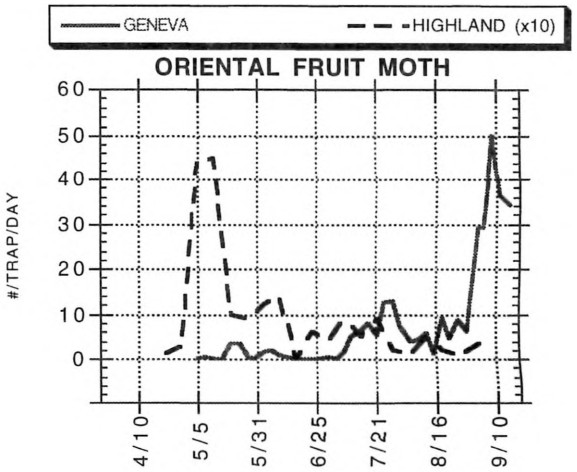


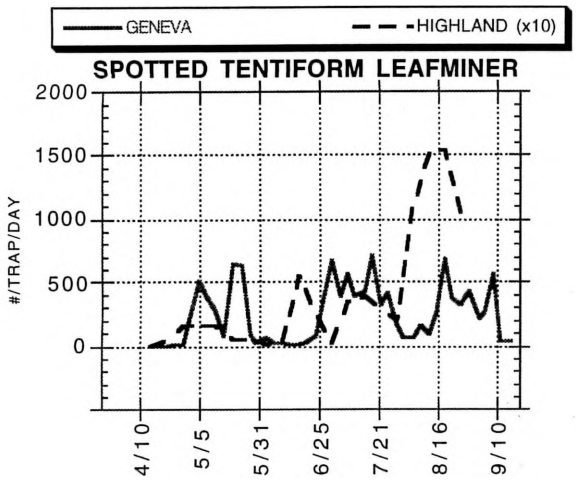
❖❖ With this issue, Scaffolds ceases publication for the season; we anticipate starting up again next March. In February, we'll be sending out response cards to all current subscribers to set up next year's mailing list. Our thanks to all of you who have sent comments, suggestions, and articles our way, a practice we hope you'll continue. As a wrap-up, we thought it would be a good idea to provide a summary of the year's pheromone trapping results and an Index of Volume 5, 1996 of Scaffolds Fruit Journal.❖❖

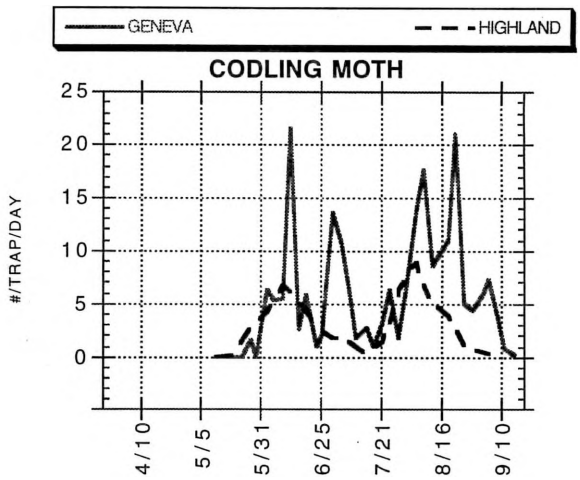


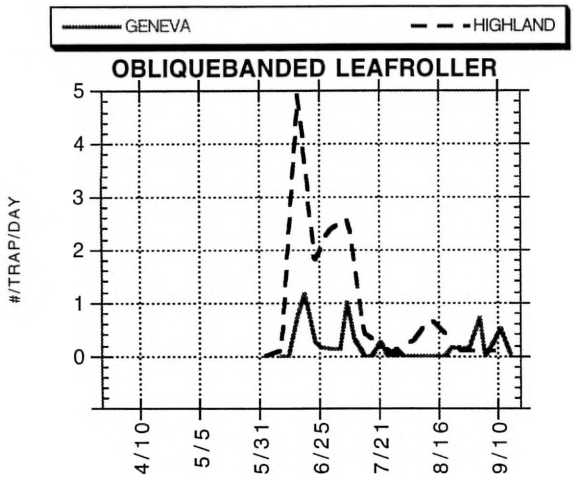


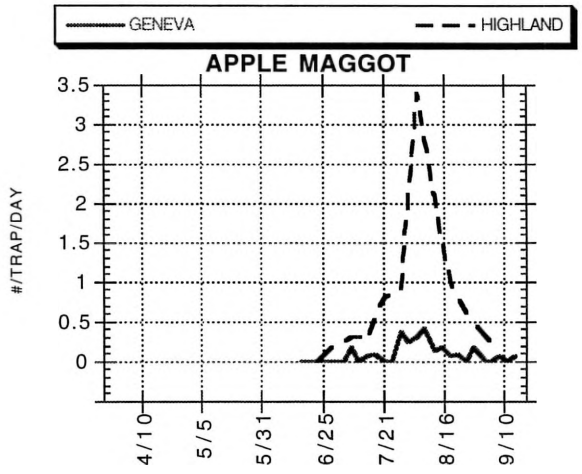


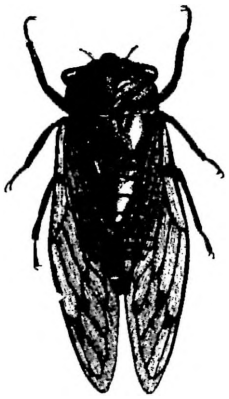












scaffolds

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scaffolds FRUIT JOURNAL
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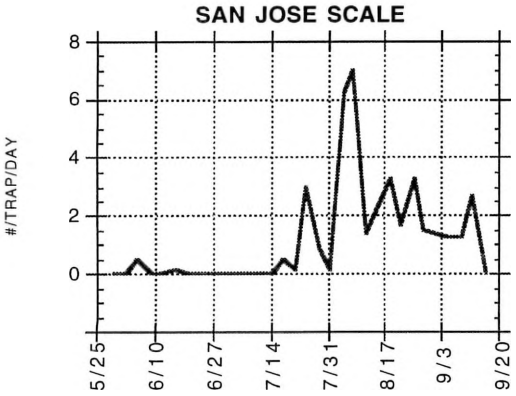
This newsletter available on CENET, on the Tree Fruit News bulletin board under FRUIT.

GENEVA


SAN JOSE SCALE
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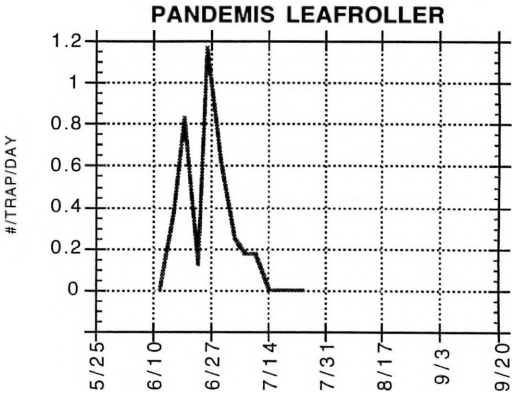
5/25
6/10
6/27
7/14
7/31
8/17
9/3
9/20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#/TRAP/DAY
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5/25
6/10
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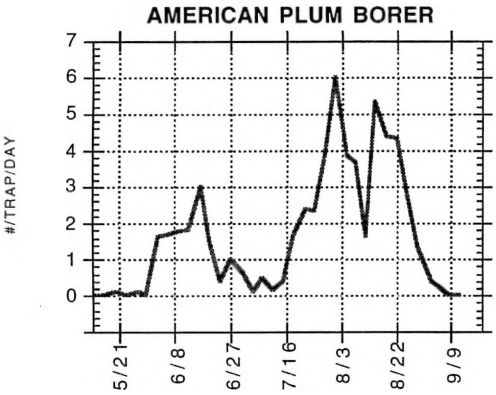
7/14
7/31
8/17
9/3
9/20


AMERICAN PLUM BORER
#/TRAP/DAY
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5
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3
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6/8
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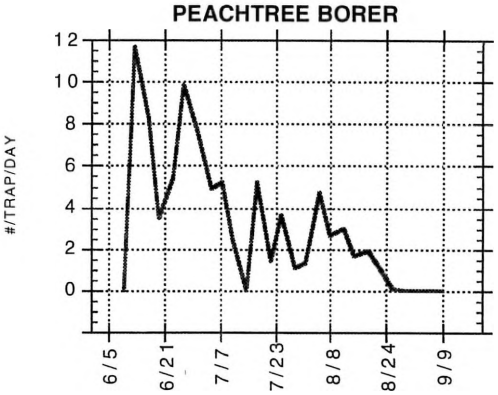
7/16
8/3
8/22
9/9


PEACHTREE BORER
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8
6
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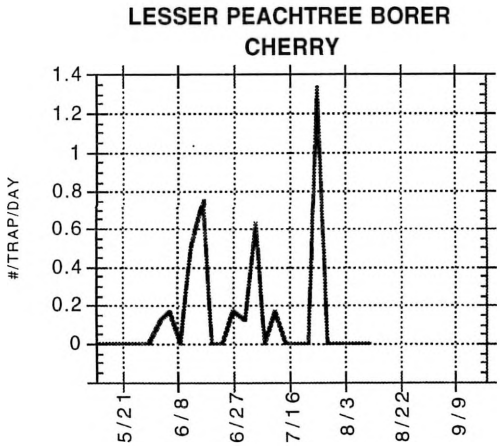
6/21
7/7
7/23
8/8
8/24
9/9


LESSER PEACHTREE BORER
CHERRY
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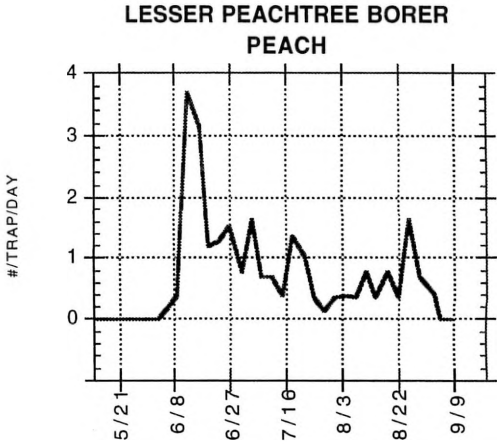
LESSER PEACHTREE BORER
PEACH
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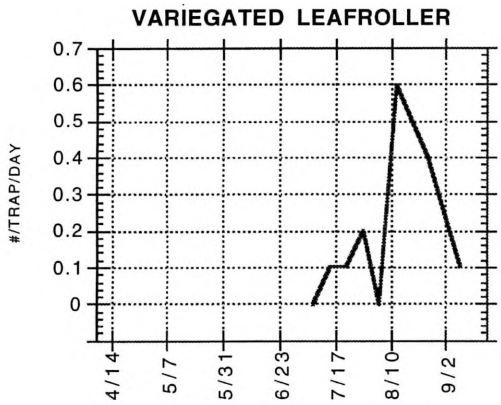
7/16
8/3
8/22
9/9

HIGHLAND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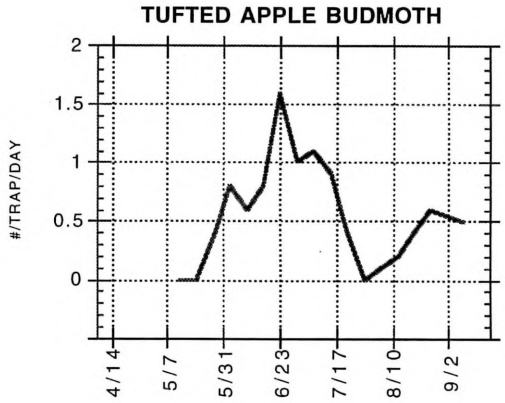
8/10
9/2


TUFTED APPLE BUDMOTH
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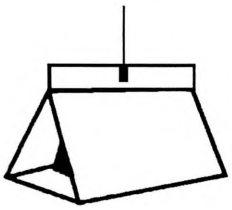
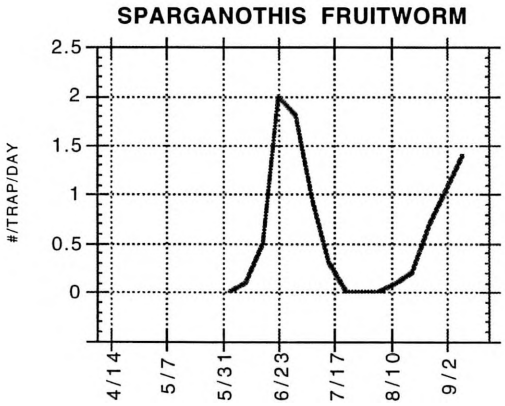
8/10
9/2




SPARGANOTHIS FRUITWORM
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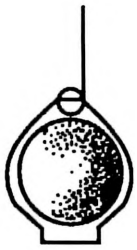
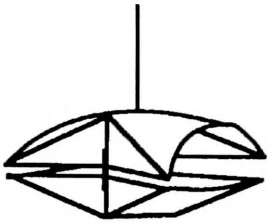
4/14
5/7
5/31
6/23
7/17
8/10
9/2





SCAFFOLDS Fruit Journal

Index, Volume 5, 1996

March 18

GENERAL New year of Scaffolds Intro.
Information for determining degree day values. Includes information on sources of weather data.
Interpreting federal personal protective equipment guidelines.
INSECTS Changes in European red mite chemical control landscape
Status of honey bee colonies available for pollination.
DISEASES Marshall Mac canker.
PHENOLOGIES Geneva
UPCOMING PEST EVENTS

March 25

DISEASES Risks and benefits of copper sprays.
INSECTS Early season use of oil and other strategies to control Pear psylla.
Alert on periodical cicada in the Hudson Valley.
PEST FOCUS Highland
PHENOLOGIES Geneva, Highland
UPCOMING PEST EVENTS

April 1

INSECTS Status of Agri-Mek for pear psylla, biology and control of pear midge, in pears and early season control of European red mite and San Jose scale in apples.
CHEM NEWS Status of Omite.
DISEASES Controlling peach leaf curl.
PEST FOCUS Highland
PHENOLOGIES Geneva, Highland
INSECT TRAP CATCHES Geneva, Highland
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April 8

INSECTS Insect population monitoring and thresholds.
FIELD NOTES Apple scab disease update.
DISEASES New stone fruit fungicides.
Apple scab resistance to sterol inhibitor fungicides.
PHENOLOGIES Geneva, Highland
PEST FOCUS Highland
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April 15

DISEASES Apple scab update.
Peach constriction disease.
INSECTS Rosy apple aphid.
CHEM NEWS Notice of Omite cancellation.
Mite control without Omite.
Agri-Mek update.
ADDENDUM SI fungicide resistance: Clarifications.
PEST FOCUS Geneva
PHENOLOGIES Geneva, Highland
INSECT TRAP CATCHES Geneva, Highland
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April 22

DISEASES Apple scab update.
GENERAL INFO Pesticides and spray water pH.
INSECTS Pink control strategy for tarnished plant bug, spotted tentiform leafminer, leafrollers, mites, plum curculio.
ERRATUM Correction to 4/15 article on mite control without Omite. Correction to page 118 of Fruit Pest Control Recommends.
PEST FOCUS Geneva, Highland
PHENOLOGIES Geneva, Highland
INSECT TRAP CATCHES Geneva, Highland
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April 29

INSECTS Pear thrips, pear rust mite, pear leaf midge.
DISEASES Control of brown rot of stone fruits.
Apple powdery mildew.
Apple scab update.
Rust diseases.
PEST FOCUS Geneva, Highland
PHENOLOGIES Geneva, Highland
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May 6

INSECTS Important pollination points.
Transferring predator mites from one orchard to another.
CHEM NEWS Agri-Mek 24(c) approved for pears.
FIELD NOTES Hudson Valley apple scab update.
PEST FOCUS Geneva, Highland
PHENOLOGIES Geneva, Highland
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May 13

CHEM NEWS Agri-Mek 24(c) approved.
INSECTS Petal fall pest management. (including mites, white apple leafhopper, plum curculio, green fruitworm and European apple sawfly.)
FIELD NOTES Hudson Valley apple scab, general disease update
PHENOLOGIES Geneva, Highland
INSECT TRAP CATCHES Geneva, Highland
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May 20

INSECTS Pear psylla, lesser peachtree borer, roundheaded appletree borer, American plum borer.
FIELD NOTES Hudson Valley apple scab
DISEASES Potential for phytotoxicity with Captan.
Control options for black rot.
PEST FOCUS Geneva, Highland
PHENOLOGIES Geneva, Highland
INSECT TRAP CATCHES Geneva, Highland
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May 28

INSECTS Codling moth.
Summer oil.
Control of leaf-feeding caterpillars.
White apple leafhopper.
PEST FOCUS Geneva, Highland
PHENOLOGIES Geneva
INSECT TRAP CATCHES Geneva, Highland
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June 3

INSECTS Obliquebanded leafroller: Guidelines for monitoring and control.
Mites, rosy apple aphid, plum curculio, cherry fruit flies.
DISEASES Blossom blast.
Comparative susceptibility of 25 apple cultivars to powdery mildew and cedar apple rust.
GENERAL INFO Cooperative Extension job opening.
PEST FOCUS Highland
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June 10

INSECTS Obliquebanded leafroller.
Plum curculio and codling moth models.
Apple maggot monitoring.
Progression of Events: Comparison of pest events this season to last season and the calculated "Normal".
DISEASES General disease update for the Hudson Valley

continued...

PEST FOCUS Albion, Wolcott, Highland
INSECT TRAP CATCHES Geneva, Highland
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June 17

INSECTS Codling moth and plum curculio model updates.
Obliquebanded leafroller trap catch update.
Spotted tentifrom leafminer, Euro pean corn borer.
DISEASES Fabraea on pears.
GENERAL INFO Fruit Field Day announce ment and registration form.
PEST FOCUS Geneva, Highland
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June 24

INSECTS Pearleaf blister mite.
Codling moth and plum curculio model updates.
San Jose scale monitoring and control.
CHEM NEWS Provado labelled for pears.
DISEASES Tree fruit disease situation in western New York.
PEST FOCUS Geneva, Wayne Co., Highland
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July 1

INSECTS Beneficial insects.
Leafhoppers, borers.
Obliquebanded leafroller degree day model update.
PEST FOCUS Geneva, Highland
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July 8

INSECTS Geen aphid complex.
Comstock mealybug.
Obliquebanded leafroller model.
PEST FOCUS Geneva, Highland
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July 15

INSECTS Dock sawfly.
Japanese beetle.
OBLR model update.
Start of STLM 2nd generation flight model.
ANNOUNCEMENT Fruit Field Day program.
PEST FOCUS Geneva, Highland
INSECT TRAP CATCHES Geneva, Highland
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July 22

INSECTS Apple maggot.
Questions and comments on the use of Confirm for OBLR control.
Codling moth model update.
Woolly apple aphid.
PEST FOCUS Geneva
INSECT TRAP CATCHES Geneva, Highland
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July 29

DISEASES Fruit disease update for the Hudson Valley.
INSECTS Botanical insecticides for fruit.
Codling moth model.
ANNOUNCEMENT N.Y. Fruit Pest Control Field Day.
PEST FOCUS Highland
INSECT TRAP CATCHES Geneva, Highland
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August 5

DISEASES Peach X-disease.
INSECTS General insect update (Apple maggot, codling moth, STLM, European red mite, pear psylla, Comstock mealybug, peachtree borers).

continued...

ANNOUNCEMENT Last notice for fruit pest control field day.
PEST FOCUS Geneva, Highland
INSECT TRAP CATCHES Geneva, Highland
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August 12

DISEASES Necrotic leaf blotch of Golden Delicious
INSECTS Progression of Events: Comparison of pest events this season to last season and the calculated normal.
INSECT TRAP CATCHES Geneva, Highland
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August 19

DISEASES Late-season apple scab in a cool, wet year.
INSECTS Late-season alert.
ANNOUNCEMENT N.Y. Fruit Pest Control Field Day 2nd Notice.
PEST FOCUS Geneva, Highland
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August 26

DISEASES Post-harvest fungicide treatments for apple.
INSECT TRAP CATCHES Geneva, Highland
UPCOMING PEST EVENTS

September 3

INSECT TRAP CATCHES Geneva, Highland
UPCOMING PEST EVENTS

September 9

INSECTS Tree fruit arthropod pest review. Fall webworm.
INSECT TRAP CATCHES Geneva, Highland
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September 16

DISEASES Fall treatments to reduce scab inoculum. (Postharvest urea)
INSECT TRAP CATCHES Geneva, Highland
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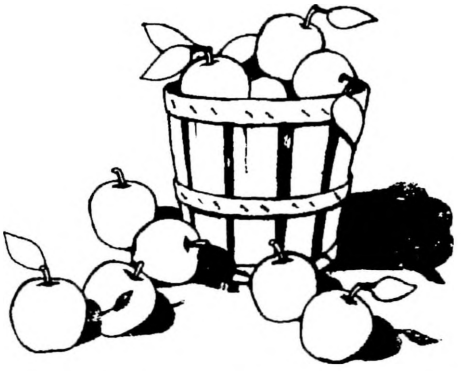
September 23

INSECTS Comparison of 1995 pest events to "Normals".
DISEASES Clarification of article on use of postharvest urea against apple scab. Fall copper sprays for stone fruits.
UPCOMING PEST EVENTS

September 30

INSECTS Final Report - Graphs showing development of pests monitored in Geneva and Highland.
INDEX Index of Scaffolds Volume 5. 1996.



NOTE: Every effort has been made to provide correct, complete and up-to-date pesticide recommendations. Nevertheless, changes in pesticide regulations occur constantly, and human errors are possible. These recommendations are not a substitute for pesticide labelling. Please read the label before applying any pesticide.

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BARTON LAB
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