Insect Update
Cesar Rodriguez-Saona, Ph.D., Specialist in Entomology

This is the last Cranberry Edition of the Plant & Pest Advisory for 2012. Here, I present the entomology highlights of this year’s cranberry season:

● Early in the season, some farms experienced areas of high spotted fireworm, blackheaded fireworm, Sparganothis fruitworm, and cranberry blossomworm that required treatment.

● Some growers also reported areas of high blunt-nosed leafhopper populations. It is important to continue to monitor for these secondary pests in upcoming years. This is particularly important because many of the newer “reduced-risk” insecticides are very selective and effective only against lepidopteran pests but have minimal or no insecticidal effects against other insect pests (e.g. beetles, leafhoppers, etc.).

● I am aware of some growers that used Altacor this season. We tested Altacor pre-bloom against spotted fireworm at one commercial farm and obtained very good results. I will continue to encourage growers to use this and other new products such as Delegate. Altacor and Delegate are excellent insecticides for the control of Lepidopteran pests, including fireworms and fruitworms. These insecticides should be rotated with Intrepid to avoid onset of resistant populations.

● Future research will continue to focus on testing new insecticides with novel modes of action, particularly for fruitworm and fireworm control. We are also working on the development of degree-day models to more precisely time insecticide applications. Results from these experiments will be presented at upcoming grower meetings.
American Cranberry Growers Association
2012 Summer Field Day

Thursday August 16, 2012
Rutgers University
P.E. Marucci Center for Blueberry & Cranberry Research & Extension, Chatsworth, NJ

CRANBERRY BOGS:

8:00–8:30 Continental Breakfast (Bog 20)

8:30–8:40 Opening Remarks
Shawn Cutts, President, American Cranberry Growers Association

8:40–9:00 Leaf drop and early fruit rot control during the establishment of cranberry plantings (Bog 20)
Peter Oudemans, Department of Plant Biology and Pathology, Rutgers University

9:00–9:20 Ongoing insecticide trials for cranberry pests (Bog 19)
Cesar Rodriguez-Saona, Department of Entomology, Rutgers University

9:20–9:40 Mycorrhizae inoculation to promote early bed establishment (Bog 11)
James Polashock, Research Plant Pathologist, USDA-ARS

9:40–10:00 Heat Stress Study of Cranberry (Bog 7)
Bingru Huang, Jennifer Johnson-Cicalese, and Nick Vorsa, Department of Plant Biology and Pathology, Rutgers University

10:00–10:20 Remote Sensing and Automation: Where we have been and what lies ahead (Bog 2)
Kevin Connolly, president, KC Enterprises Ltd.

10:20–10:40 Progeny Evaluations for Field Fruit Rot Resistance in Cranberry (Lower Bog)
Jennifer Johnson-Cicalese, Nicholi Vorsa, Karen Destefano, and Susan Vancho, P.E. Marucci Center for Blueberry & Cranberry Research & Extension, Rutgers University, Chatsworth, NJ

CONFERENCE ROOM:

11:00–11:10 2012 Cranberry statistics – An update
John Gibbons, USDA, NASS

11:10–11:30 In Season Herbicide Applications for Weed Control in Cranberries
Brad Majek, Department of Plant Biology and Pathology, Rutgers University

11:30–11:50 Status of Honey Bees in New Jersey
Grant Stiles, NJ Beekeepers Association

11:50–12:15 Southern pine beetle kills New Jersey pines: are your trees next?
Mark Vodak, Department of Ecology, Evolution & Natural Resources, Rutgers University

12:15–1:00 LUNCH (Pole Barn)

1:00–1:30 Pesticide Applicator Safety (Pole Barn)
Ray Samulis, Cooperative Extension Agent, Burlington County Extension, Rutgers University

Parking will be available at the Center’s shop (across cranberry bogs). Transportation for tours will be provided at the Center. Restrooms located at the Center, adjacent to Conference Room.

For more information, call Marucci Center at 609-726-1590.

Note: There is no Weekly Weather Summary this week.

This is the last issue of the Cranberry edition of the Plant & Pest Advisory for the 2012 season. Thank you for subscribing.
RUTGERS
New Jersey Agricultural Experiment Station

Plant & Pest Advisory
Rutgers School of Environmental and Biological Sciences
ASB II, 57 US Hwy. 1
New Brunswick, N.J. 08901

PLANT & PEST ADVISORY
CRANBERRY EDITION CONTRIBUTORS

Philip E. Marucci Center for Blueberry and Cranberry Research & Extension (609-726-1590)
Bradley A. Majek, Ph.D., Weed Science
Peter Oudemans, Ph.D., Plant Pathology
Cesar Rodriguez-Saona, Ph.D., Entomology
Nicholi Vorsa, Ph.D., Breeding, Genetics and Culture

Rutgers Cooperative Extension Agricultural Agent
Raymond J. Samulis, Burlington County (609-265-5050)

Ocean Spray Cranberries, Inc.
Dan Schiffhauer, Agricultural Specialist

Newsletter Production
Jack Rabin, Associate Director for Farm Services, NJAES
Cindy Rovins, Agricultural Communications Editor

Pesticide User Responsibility: Use pesticides safely and follow instructions on labels. The pesticide user is responsible for proper use, storage and disposal, residues on crops, and damage caused by drift. For specific labels, special local-needs label 24(c) registration, or section 18 exemption, contact RCE in your County.

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