



The BLUEBERRY BULLETIN

A Weekly Update to Growers

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August 10, 2009

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At a glance. Insect and disease problems that should be considered this week.

| PEST/DISEASE | WEEK OF AUGUST 10 | WEEK OF AUGUST 17 |
|--|--|--|
| Anthracnose Abound, Cabrio, or Captan | Continue anthracnose schedule on susceptible cultivars. | Continue anthracnose schedule on late cultivars. |
| Sharpnosed Leafhopper Assail, Actara, Provado, Platinum, Lannate, or Malathion | Treat if stunt is present or in the area, or trap counts are high. | Treatment may be delayed until closer to the flight peak if counts are low, or fields are normally stunt free. |
| Putnam Scale Esteem, Diazinon | Monitor remaining fruit or with "sticky crawler tape traps". Treat if scales are present, or if present and not treated in 1 st generation. | Same as week of August 10 |
| Blueberry Maggot Only on late varieties | Monitor traps 2X/week. Treat if needed. Should only be concerned with Elliott fields. | Should no longer be a concern. Unless Elliott are still being harvested |

Culture

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GP/slp*

A good practice to get into after harvest is to survey how well your herbicide program worked this year. The weeds are probably at their worst right now and a survey of your fields could be beneficial next year.


Samples of weeds that you cannot identify should be taken and placed in a zip-lock bag with a little water and brought to your county extension office. In this way, an effective program can be recommended.

Insects

*Dr. Cesar Rodriguez-Saona,
Extension Specialist in Blueberry Entomology
Rutgers University
Mr. Dean Polk, IPM Agent – Fruit*

Sharpnosed Leafhopper (SNLH): Second generation adults have finally arrived. Please see the graph below. This is the motile form, which can move from bush to bush, carrying stunt disease. This is also **THE ONLY INSECT TARGET** that should normally be

Sincerely,


Gary C. Pavlis, Ph.D.
Atlantic County Agricultural Agent

considered for a post harvest or “clean up spray”. Many growers wait until we are close to a flight peak before treating. This way you get the most bang for your buck. However, if your fields have numerous stunt infected bushes, or there are abandoned bushes bordering your farm, better stunt control may be obtained by treating before we reach a flight peak, or even with 2 sprays (please see last newsletter for treatment options). Last week a grower raised the question about whether the late season use of picking machines could mechanically facilitate the movement of leafhopper nymphs or adults, down the row, thus helping to spread stunt disease if it was already present in the field. While we don’t have proof of this, it is a completely logical argument, and should probably be considered in your treatment decisions.

Putnam Scale: All scale crawler traps (sticky tape wraps on wood) are showing low catches at this time. If growers would like to evaluate potential scale problems for next year this may be a good time to scout. The scattered few remaining berries still hanging have been subject to scale dispersal for several weeks, with some locations showing significant fruit infestation. In

some cases we see several scales (whitish waxy dots) per berry. The smaller quantity of hanging fruit also makes scouting much easier. If growers have known scale infestations and have not treated, now is a good time. You can use either Esteem or diazinon, if you have not already used diazinon this season. Remember that only one in-season diazinon application is allowed per year.

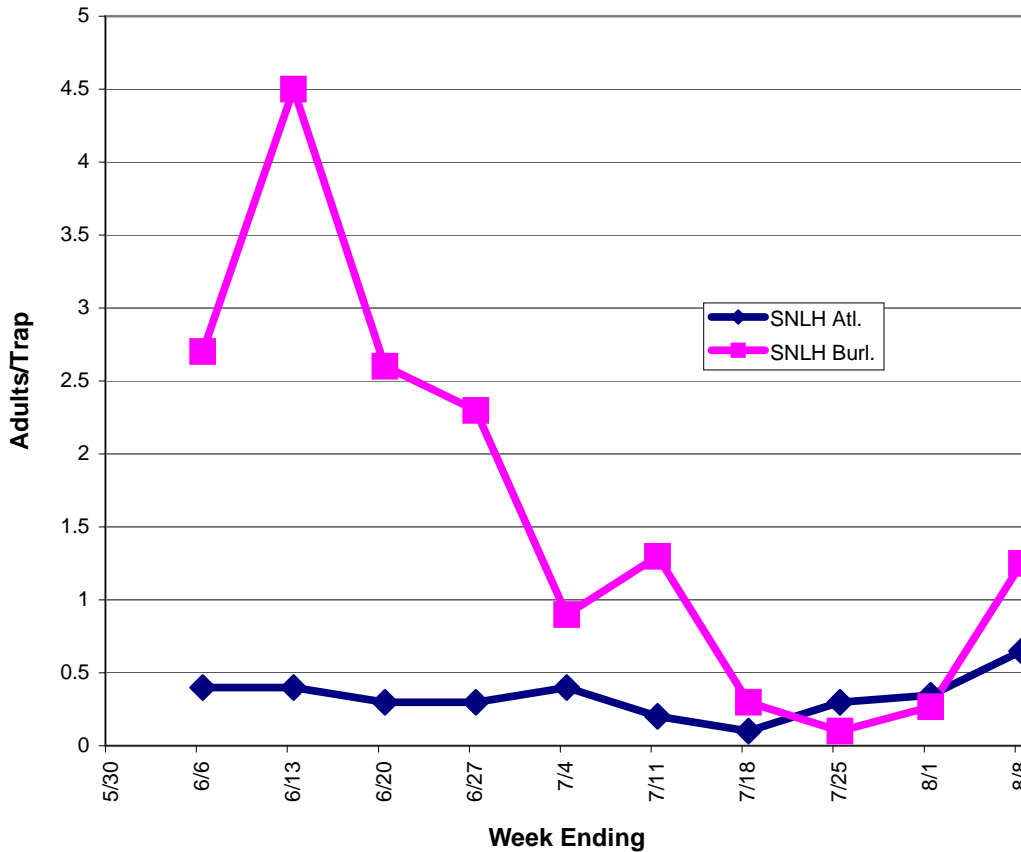
Blueberry Maggot (BBM): Trap counts have increased, mainly in Atlantic County. This is the late diapause strain, and should be treated if flies are in and around Elliott fields.

Aphids: Almost all samples are at 0 or very low levels. However, there are a few locations where colonies are still present. Maximum shoot infestation seen this week is as high as 35% of shoots infested.

Leps. and Miscellaneous Worms: There have been almost no leafroller larvae seen. Some locations do have building blueberry leafminer populations. However, this is a highly parasitized insect, and no treatments are suggested.

(See SNLH chart on next page)

Sharpnosed Leafhopper as of 8/8/09



INSECT TRAP COUNTS

Blueberry Trap Counts – Atlantic County

| Week Ending | CBFW | RBLR | OBLR | SNLH | Or. Beetle | BBM |
|-------------|------|------|------|------|------------|------|
| 4/5 | | 19.9 | | | | |
| 4/12 | | 55.1 | | | | |
| 4/19 | | 72.0 | | | | |
| 4/25 | | 69.4 | | | | |
| 5/2 | | 71.6 | | | | |
| 5/9 | .009 | 43.6 | | | | |
| 5/16 | 0.07 | 7.9 | 0.00 | | | |
| 5/23 | 0.2 | 1.6 | 0.02 | | | |
| 5/30 | 0.1 | 0.3 | 9.6 | | | |
| 6/6 | 0.2 | 5.8 | 19.5 | 0.4 | | |
| 6/13 | 0.03 | 39.4 | 18.8 | 0.4 | | 0.00 |
| 6/20 | 0.1 | 48.2 | 12.8 | 0.3 | 47.0 | 0.03 |
| 6/27 | 0.5 | 56.3 | 6.4 | 0.3 | 253.0 | 0.16 |
| 7/4 | 0.1 | 46.0 | 5.3 | 0.4 | 565.3 | 0.42 |
| 7/11 | 0.0 | 24.5 | 3.7 | 0.2 | 315.4 | 0.83 |
| 7/18 | 0.0 | 8.5 | 1.0 | 0.1 | 124.6 | 2.03 |

| | | | | | | |
|------|-----|------|-----|-----|------|------|
| 7/25 | 0.0 | 6.1 | 2.7 | 0.3 | 71.0 | 4.48 |
| 8/1 | | 18.8 | 7.8 | 0.3 | 31.1 | 3.72 |
| 8/8 | | 28.5 | 5.8 | 0.6 | 11.6 | 8.06 |

Blueberry Trap Counts – Burlington County

| Week Ending | CBFW | RBLR | OBLR | SNLH | Or. Beetle | BBM |
|-------------|------|------|------|------|------------|------|
| 4/5 | | 9.3 | | | | |
| 4/12 | | 22.6 | | | | |
| 4/19 | | 19.2 | | | | |
| 4/25 | | 25.1 | | | | |
| 5/2 | | 38.0 | | | | |
| 5/9 | .1 | 16.2 | | | | |
| 5/16 | 0.1 | 3.4 | 0.0 | | | |
| 5/23 | 0.2 | 0.4 | 1.3 | | | |
| 5/30 | 0.7 | 0.0 | 6.5 | | | |
| 6/6 | 1.9 | 0.5 | 20.4 | 2.7 | | |
| 6/13 | 0.3 | 16.4 | 20.1 | 4.5 | 15.0 | 0.07 |
| 6/20 | 1.1 | 33.5 | 15.2 | 2.6 | 42.0 | 0.41 |
| 6/27 | 1.0 | 45.5 | 10.4 | 2.3 | 516.9 | 0.94 |
| 7/4 | 0.1 | 33.0 | 8.4 | 0.9 | 449.3 | 1.67 |
| 7/11 | 0.1 | 26.7 | 1.2 | 1.3 | 130.0 | 0.59 |
| 7/18 | 0.1 | 5.8 | 0.2 | 0.3 | 80.1 | 1.27 |
| 7/25 | 0.0 | 2.1 | 0.8 | 0.1 | 37.4 | 3.08 |
| 8/1 | | 1.3 | 1.8 | 0.3 | 10.0 | 2.78 |
| 8/8 | | 3.2 | 1.0 | 1.3 | 3.5 | 0.52 |



NEWS RELEASE

United States Department of Agriculture • Natural Resources Conservation Service •
 220 Davidson Avenue, 4th Floor, Somerset, NJ 08873
 Phone: (732) 537-6044 • Web: <http://www.nj.nrcs.usda.gov>

Contact: Barbara Phillips, Public Affairs Specialist
 732-537-7044 or barbara.phillips@nj.usda.gov

APPLY BY AUGUST 28 FOR 2010 CONSERVATION PROGRAM

SOMERSET, August 4, 2009 - Farmers interested in participating in 2010 conservation programs should contact their local USDA, Natural Resources Conservation Service (NRCS) office to begin the application process. Applications for Agricultural Management Assistance (AMA), the Environmental Quality Incentives Program (EQIP) and the Wildlife Habitat Incentives Program (WHIP) received by August 28, 2009, will be considered for 2010 funding. New Jersey State Conservationist Tom Drewes said that farmers whose applications are selected and who want to implement practices early in the 2010 season can expect contracts to be signed by April, 2010.

- Agricultural Management Assistance (AMA) reduces the economic risk of adopting new conservation measures for limited resource, beginning, or full-time farmers.
- Environmental Quality Incentives Program (EQIP) provides assistance to install permanent measures or adopt new management strategies that address existing resource concerns on farms.
- Wildlife Habitat Incentives Program (WHIP) encourages the creation of high quality wildlife habitats that support targeted wildlife populations of National, State, and local significance.

The agency accepts applications for conservation assistance year round and sets cut off dates to facilitate review of applications and contract awards. Interested applicants should contact their local USDA Service Center for more information and an application. Program information is available online at <http://www.nrcs.usda.gov/programs/>.

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NRCS Service Center Locations

Serving Mercer, Middlesex & Monmouth Counties
Serving Hunterdon, Somerset & Union Counties
Bergen, Hudson, Essex, Passaic, Morris, Sussex and Warren Counties
Serving Burlington, Camden, & Ocean Counties
Serving Atlantic, Cape May, & Cumberland Counties
Serving Gloucester & Salem Counties

Freehold - (732)462-0075 X3
Frenchtown -(908)782-4614 X3
Hackettstown -(908)852-2576 X3
Columbus -(609)267-1639 X3
Vineland -(856)205-1225X3
Woodstown -(856)769-1126 X3

Helping People Help the Land

An Equal Opportunity Provider and Employer

USDA's Farm Service Agency to Begin Accepting Applications for New Biomass Crop Assistance Program

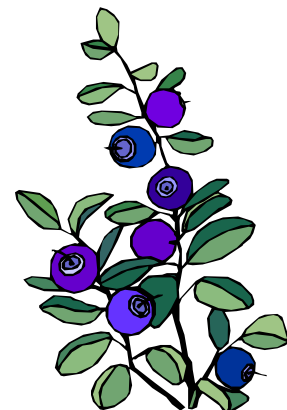
Sustainable Program Will Help Meet Country's Energy Needs

WASHINGTON, July 29, 2009 - USDA Farm Service Agency Administrator Jonathan Coppess today announced that biomass conversion facilities can begin signing up to participate in the Biomass Crop Assistance Program, which will help increase production of renewable energy. The program, authorized in the 2008 Farm Bill, provides financial assistance to producers who deliver eligible material to biomass conversion facilities and FSA will provide financial assistance to collect, harvest, store and transport eligible materials. Please contact your FSA state office or visit www.fsa.usda.gov for more information

Later Life Farming Website Now Available

The Rutgers NAJES Later Life Farming website was designed to provide information about retirement planning for farm families. It specifically addresses farmers' unique circumstances. For example, many farmers don't plan to "retire" in the traditional sense. Rather, they express a desire to simply scale back their work hours and/or the size of their farm operation. In addition, many farm families lack traditional retirement savings plans such as a 401(k). Their major asset is their land and farm property, which are typically illiquid assets.

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The impact of government regulations on farmers' land values is another unique challenge. Visit the website at: <http://laterlifefarming.rutgers.edu>.

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If you have any comments about this newsletter, please make them in the space below and mail to:

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6260 Old Harding Highway, Mays Landing, NJ 08330

I would like to see an article on the following subjects: _____

I would like to comment on the following articles: _____

Title: _____ Date: _____

Comment: _____

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