

***At a Glance.....***

PEST/DISEASE/CULTURE	AUGUST 2 – August 9 Cover Sprays
SPOTTED WING DROSOPHILA Lannate, Imidan, Malathion, Delegate/Entrust, Asana, Brigade, Danitol, Mustang-Max	Treat on a seven day schedule. Use materials effective for SWD.
BLUEBERRY MAGGOT See list or use the same products as for SWD.	Monitor traps and treat if catching 1 or more flies per trap in any production area.
ORIENTAL BEETLE Admire or imidacloprid generic. Mating disruption.	Too late for treatments.
APHIDS Assail, Admire, or Actara	Treat if over 10% of terminals are infested.
PUTNAM SCALE Esteem or Diazinon	Monitor for 2 <sup>nd</sup> generation crawler activity.
NUTRITION	Take leaf samples for analysis.

***Culture***

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

The blueberry harvest season is winding down now with machine pickings of ‘Bluecrop’ and second and third pickings of ‘Elliott’. Quality has been very good and thanks to these two varieties over-all yields are not as low as anticipated earlier in the season. It is obvious that the winter cold temperatures did hurt the ‘Duke’ yields and has probably increased the

incidence of stem blight that we are seeing throughout the area. Cutting out these infected canes should be a top priority at this time.

I am still seeing ‘Duke’ plants with iron deficiency symptoms. As I mentioned in a previous newsletter, it is important to correct

this problem at this time because this same wood will sustain next year's fruit. An application of an iron chelate material should help tremendously at this time.

Lastly, remember that this is the time to be taking leaf samples for a nutrition analysis. If

you have never had a leaf analysis done it is past due. Getting all the essential nutrients into the optimum range is critical for maximum yield.

## ***Insects***

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

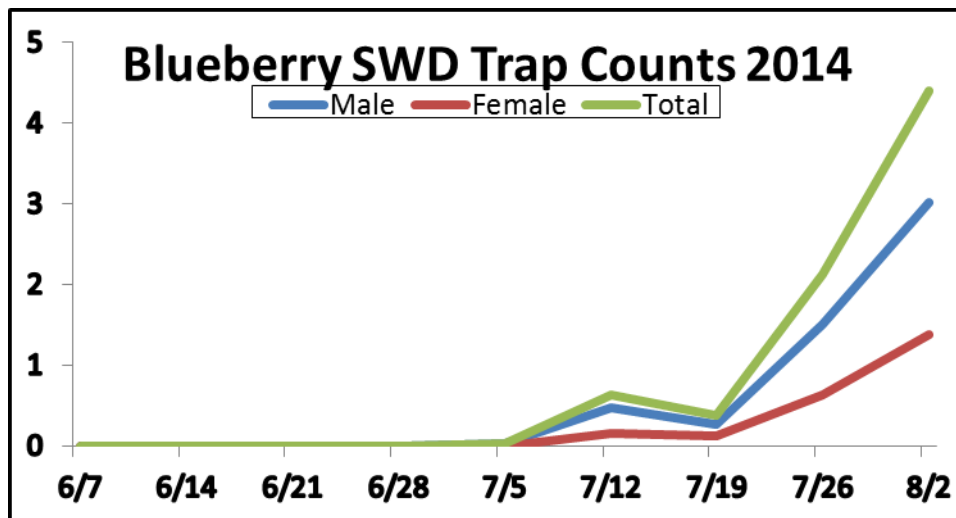
**Spotted Wing Drosophila (SWD):** Trap counts continue to increase, but at low levels compared to last year. However, this past week still marked a sharp increase in activity. The highest count this past week was 24 flies per trap, while last week the highest catch was 15 flies per trap – see graph. Occasional larvae are being seen in surveyed fruit where sprays have either stopped or the spray interval was stretched out.

**Sharpnosed Leafhopper (SNLH):** Adult SNLH are also being seen at very low numbers.

**Blueberry Maggot (BBM):** Adult flies are still being captured at low levels in some fields. A maximum of 3 per trap was found in one Atlantic County trap. Treatments should still be maintained for BBM as well as SWD on any Elliott or other late varieties.

**Putnam Scale:** Some crawlers are present, but it is still too early to start treatments for the second flight.

Treatments for this second generation are still several weeks away.



## Blueberry Insect Trap Captures

Week Ending	BBM	SNLH
Burlington Co.		
7/26	0.06	0.06
8/2	0.055	0.0
Atlantic Co.		
7/26	0.33	0.0
8/2	0.2	0.0

### Fruit Growers News, August 2014, Volume 53, No. 8

Michigan's blueberry growers and processors predicted a smaller crop than last year, mainly due to damage from subzero temperatures during winter. State farmers said they expect to see 82 million pounds this year, compared to 114 million pounds last year. The estimate approaches 85 percent of the five-year average.

A total of 44 million pounds of fresh product is anticipated in 2014, down from the 47 million pounds estimated in 2013. The 38 million pounds of processed berries expected for 2014 is much less than the 67 million pounds of processed estimated in 2013.

"Five years ago, if things were like this – coming off the winter we had and other factors, we might not have reached the same guesstimate conclusions," said southwest Michigan grower Joe Leduc, president of the Michigan Blueberry Advisory Committee. "But the growers' mentality is from coming off a lower than desirable process price last year, and labor seems to be more adequate this year than last year. The mindset is we'll only be down 3 million on fresh and about 29 million on processed."

Nationally, Leduc said, the crop is expected to be relatively the same as it was in 2013, "with the East being slightly down about 40 million pounds, with the West up probably 50 million pounds. Overall, the North American crop looks like it's going to be a pretty similar year. There are more acres in the ground."

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August 4, 2014

Vol. XXX, No. 14

## ***BLUEBERRY BULLETIN***

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

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

I would like to comment on the following articles: \_\_\_\_\_

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The Blueberry Bulletin  
Weekly Newsletter  
Published By  
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