

VegNet Vol. 10, No. 4, April 23, 2003

Dual Magnum has finally received it's Section 3 label for tomatoes.
Contact Doug Doohan for more information at 330-202-3593 or doohan.1@osu.edu

Aim Herbicide on Sweet Corn:
John Masiunas, Univ. of IL

Aim (active ingredient carfentrazone-ethyl) herbicide manufactured by FMC can be used for postemergence weed control in either fresh market or processing sweet corn. Aim should be applied to actively growing weeds up to 4 inches high and rosettes less than 3 inches across. Aim at 0.5 fluid ounces (0.008 lb active ingredient)/ acre will control common lambsquarters, ivyleaf and pitted morningglory, eastern black nightshade, redroot pigweed, velvetleaf, common waterhemp, and tall waterhemp. Thorough coverage of the weeds is essential for control. Thus, a nonionic surfactant at 0.25% v/v with at least 80% active ingredient should be included in the spray solution.

Please NOTE for Ohio: The user assumes all responsibility for crop injury. Not all varieties of sweet corn have been tested for tolerance--check with your seed company or Extension specialist before use. Do not tank-mix with EC formulations of other herbicides.

Increase Marketability and Safety of Your Produce: Ohio Specialty Crop Food Safety Initiative is Free Resource
John Wargowsky

The primary objective of the Ohio Specialty Crop Food Safety Initiative is to increase the marketability and safety of the produce grown by Ohio fruit and vegetable growers. The effort has already reached over 200 fruit and vegetable growers and over 20 extension educators/crop consultants through educational seminars and workshops in Ohio. More growers are being reached through articles in trade publications and this spring, summer and fall will commence the on-farm component of the initiative.

The key educational content of the initiative is good agricultural practices for fresh fruits and vegetable that are designed to minimize microbial contamination on the farm. These practices are based on guidelines published by the U.S. Department of Health and Human Services and the Food and Drug Administration in "Guide to Minimize Microbial Food Safety Hazards for Fresh Fruits and Vegetables." Links to both can be found at www.midamservices.org by clicking on projects.

Mary Donnell, Extension Agent with the Ohio State University Agricultural Business Enhancement Center is the education coordinator for the initiative. Mary Donnell will work with Francisco Espinoza of the Ohio State University Ag and Hort Labor Education Program to conduct Spanish speaking worker training primarily in the area of worker hygiene and sanitation.

Shari Plimpton with the Center for Innovative Food Technology is the food safety educator for the initiative. Shari has presented at the Muck Crop School, Ohio Fruit and Vegetable Growers Congress, Fruit Growers Marketing Association Information Meeting, Berry School and Ohio Fruit and Vegetable Food Safety Workshop.

Shari is also working with fruit and vegetable growers on their farms to assist in identifying and implementing good agricultural practices. These consultations are free of charge to the grower and can range from a couple of hour visit to a full consultation that prepares a grower for a third party food safety audit. During consultations, Shari will review pre-plant, production, harvest and post harvest handling practices. Growers needing to develop a food safety plan for purposes of a third party audit can also receive this assistance.

This initiative is financed in part or totally through a grant from the Ohio Department of Agriculture, the State of Ohio and the United States Department of Agriculture under the provisions of the Specialty Crop Grant. Mid American Ag and Hort Services is responsible for administration of the grant.

For more information on the Ohio Specialty Crop Food Safety Initiative, contact John Wargowsky,

(614) 246-8286 or labor@ofbf.org,

or Mary Donnell,

(419) 354-6916 or donnell.8@osu.edu

or visit www.midamservices.org and click on projects.

Agricultural Law Fact Sheet Index

R. Precheur

Producing a vegetable crop from seed or young transplant to a successful harvest seems to be the least of all concerns for the modern day vegetable grower. A majority of time can be diverted to other issues indirectly related to vegetable growing but just as important as the growing of the crop itself. These involve such issues as labor management, workman's compensation, food safety and compliance with all pesticide regulations. As more and more vegetable growers move to entertainment farming and fall festivals and 'Pick Your Own' operations remain popular, there are many things to consider to avoid future problems. I recently saw a notice for a new Ag Law fact sheet and at the same time found an index of several Ag Law fact sheets. These fact sheets provide some basic background on several important topics. They are available from your local county extension office or at the Ohioline website, (see the URL address and list of fact sheets, below).

<http://ohioline.osu.edu/als-fact/index.html>

* Eminent Domain in Ohio, ALS-1000-00

* Ohio Line Fence Law, ALS-1001-00

- * Liability for Visitors to Farm Property, ALS-1002-00
- * Ohio Laws Addressing Harm to Farm Property, ALS-1004-02 (pdf)
- * Pesticide Application Liability, ALS-1005-03 (pdf)
- * Ponds and Legal Liability in Ohio, ALS-1006-03 (pdf)
- * Landowner Liability for Trespassing Children: Ohio's New Attractive Nuisance Doctrine, ALS-1007-03 (pdf)

Crop Reports April 22, 2003

Hal Kneen

Vegetable planting (especially tomatoes) has been put on hold as daytime temperatures reach only into the 60's and night time temperatures hover around 40-45 degrees Fahrenheit. Coldest weather is to be Wednesday morning with a gradual warming trend into the weekend. Received some welcome rainfall Sunday night, 6 tenths of an inch and promise of more on Friday. Growers are continuing to form raised beds covered with black plastic for intended tomato, pepper and melon crops. Tomatoes planted last week are looking good and rooting in well.

Sweet corn is emerging well from early April bare soil plantings.

Tomato growers are seeing pressure from re-wholesalers and brokers to move away from traditional ten pound tomato baskets into one layer flat packaging.

No potato beetles spotted yet. However, corn flea beetles have been spotted on sweet corn during the late afternoon hours, when its warmer.

Cabbage transplants are growing rapidly. Few cabbage butterflies spotted, so caterpillars are still few and far between.

What's New At The VegNet Web Site

Problem Of The Week

A pictorial comparison of Squash Vine borer damage and Bacterial Wilt in pumpkins. While the symptoms are similar, there are some key differences.

Check it out. Click on the 'Problem of the Week' button of the left side.

Highlights From the Pumpkin and Muck Crops Field Days

Couldn't make it to Celeryville on July 25th or forgot about The Pumpkin Field Day on August 7th, then take a look at just a few of the highlights from these two field days.

Click on the 'Talk Between The Rows' button on the VegNet homepage.

2001 Slide Presentations

Pepper Variety Slides 2001 | HTML Slide Show

Pumpkin Variety Slides 2001 | HTML Slide Show

Go to the Library Section under Research Reports.

VegNet Vegetable Schools

A series of slide presentations are now available in order to update you on the latest pumpkin and sweet corn research. We begin with 6 pumpkin topics in Pumpkins 101 and have 10 slide presentations available in Sweet Corn 101. In sweet corn.

Powerpoint presentations and html online slide shows are available now. Go to the VegNet homepage.

Pumpkins 101

The use of trap crops and Admire for cucumber beetle control and New varieties for 2001. We have presentations on cover crops for disease control and pumpkin fungicide use.

Perimeter Trap Cropping. Online html slide show | Perimeter Trap Cropping. PPT, 7 Mbytes

See also the Research Results section on the home page for text version of the report.

Pumpkin Variety Slides 2001 | HTML Slide Show

Sweet Corn 101

Presently only Powerpoint presentations available. Coming Soon: Online HTML slide shows. Check back often Nine topics including:

Aspects of Variety Selection based on Disease Control [ppt 40 KB]

Internet Link To "Reactions of Sweet Corn Hybrids to Prevalent Diseases" Dr. Jerald Pataky www.sweetcorn.uiuc.edu

Producing Early Sweet Corn [ppt 3.5 Mbytes]

Managing Weeds in Sweet Corn [ppt, 9 Mbytes]

Sweet Corn Herbicides & Variety Sensitivity. [ppt 2Mbytes]

Sweet Corn Development and Critical Periods for Irrigation Management [ppt 1.6 Mbytes]

Flea Beetle Management in Sweet Corn [ppt 510 KB]

How To Keep Worms Out of Sweet Corn Ears [ppt 8.3 Mbytes]

Role of Bt Transgenic Hybrids in Sweet Corn Pest Management. [ppt 21.2 Mbytes]

Bt Sweet Corn Efficacy in OH, 1999-2000 [ppt, 208 KB]

[Return to Vegetable Crops Homepage | Ohio State University Extension](#)

We appreciate very much the financial support for this series of vegetable reports which we have received from the board of growers responsible for the Ohio Vegetable and Small Fruit research and Development Program. This is an example of use of Funds from the "Assessment Program".

Where trade names are used, no discrimination is intended and no endorsement by Ohio State University Extension is implied. Although every attempt is made to produce information that is complete, timely and accurate, the pesticide user bears the responsibility of consulting the pesticide label and adhering to those directions.

Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Keith L. Smith, Director, Ohio State University Extension.

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