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2002 Orthene (Acephate) Status

PEP-TALK March, 2002

Most acephate uses will remain available as long as a wide- range of risk mitigation measure are put in place. The insecticide is used on sod, golf course turf, field borders, fence rows, roadsides, ditch banks as well as greenhouse and horticultural-nursery floral and foliage plants. Crop uses include several vegetables. Acephate, a broad spectrum organophosphate (OP), also has public health uses in restaurants, food handling establishments, warehouses, stores and hotels.

Acephate was part of the review of OPs in response to the Food Quality Protection Act (FQPA). Assessing the risks of acephate is particularly tricky because one of its metabolites, methamidophos, is itself a registered OP. The use of acephate in residential situations brought concern regarding the risk of children exposed through food and drinking water. This concern has since been mitigated by a registrant decision to eliminate indoor residential and residential turf uses. By deleting these uses, EPA's concerns over aggregate risk were reduced. (Source: Pesticide & Toxic Chemical News, Vol. 30, No. 15)

New Poison Control Information, By Dave Scardena

Many Extension publications contain a listing of Poison Control Centers in Ohio, especially those dealing with pesticides. It has come to our attention that there are now only three such centers in Ohio and a national Poison Control Center phone number. The state centers have told us they would like to promote the use of the national center phone number, akin to 911 for poison-related emergencies.

The following is from the American Association of Poison Control Centers web site: 1-800-222-1222 is the telephone number for every poison center in the United States. Call this number 24 hours a day, 7 days a week to talk to a poison expert. Call right away if you have a poison emergency. Also call if you have a question about a poison or about poison prevention.

There is now one single telephone number for poison emergencies. BUT there is still a network of 65 poison centers around the country. When you call you will still talk to your local poison center experts.

Have an old number for your poison center posted on your phone? Don't worry. It will still work. But when you get a chance, post and learn the new number.

How does it work?

When you call , you are automatically connected to the poison center for your area. Your call is routed according to the area code and exchange of the phone number you are calling from.

If you call from a cell phone, you will reach a poison center. Depending on your cell phone carrier, you might reach the poison center in the area where you are or in the home area of your cell phone. Either poison center can help you. If you need local assistance but reach the poison center back home, the at home poison center can coordinate with the poison center at your current location. You will get the care and information that you need.

Following are the numbers and addresses for your convenience.

National Poison Control Center--1-800-222-1222

Cincinnati: 45229

Drug and Poison Information Center

University of Cincinnati

Medical Center, Room 7701

3333 Burnet Ave., ML 9004

513-558-5111

800-872-5111

Cleveland: 44106

Greater Cleveland Poison Center

11100 Euclid Avenue

216-231-4455

1-888-231-4455

Columbus: 43205

Children's Hospital

700 Children's Drive

614-228-1323

800-682-7625

614-228-2272 (TTY)* Phone number for the deaf.

On-Farm Cucurbit Research Opportunity

By Jim Jasinski

Ohio State University Extension Integrated Pest Management (IPM), along with Cornell University and University of Massachusetts, are seeking pumpkin growers to participate in on-farm demonstrations. The demonstrations will consist of 4 separate production systems; Conventional (what most growers are doing today), IPM present (the first steps into IPM based production), IPM future (advanced IPM practitioner, where we might be headed in a few years), and Organic (All the Organic rules apply). The 4 production systems are based on an initial set of guidelines ranging from fertility to pest management, but can be modified according to specific farmer input. The actual guidelines for each production system are posted at <http://www.ag.ohio-state.edu/~swest/ipm/pumppage.html>
The goal of the demonstration fields is to educate growers, industry and University personnel on various aspects of Cucurbit production. An added benefit for

cooperators is to see how well alternate production systems behave under their farm conditions. OSU IPM is seeking up to 10 growers to host a demonstration site. For further information, interested individuals should contact:

Jim Jasinski
937-454-5002
or Jasinski.4@osu.edu

More Research Reports Now Available - See Below:!

By Bob Precheur

Three new research reports are now available. See specific details on how to obtain you copy under each item.

1. Perimeter trap cropping in pumpkins. 2001.

Jim Jasinski and Celeste Welty.

Hard copies from: Jim Jasinski,
303 Corporate Center Drive, Suite 208,
Vandalia, OH 45377-1171,
937-454-5002. email: jasinski.4@osu.edu

On the web [Text version or HTML slide show] at: www.vegnet.osu.edu

2. Vegetable Research Results 2001. Hort and Crop Series 720.

Contact Mark Bennett,

2020 Coffey Rd.

Columbus, OH 43210,

614-292-3864,

email: bennett.18@osu.edu

3. Weed Management in Horticultural Crops, 2001 Results. Hort and Crop Series No. 719.

Contact: Douglas Doohan,

Dept. of Horticulture and Crop Science,

Williams Hall,

OARDC, Wooster, OH 44691,

330-202-3593,

email: doohan.1@osu.edu

On the WEB at: www.oardc.ohio-state.edu/weedworkshop

What's New At The VegNet Web Site

Slide Presentations

Pepper Variety Slides 2001 | [HTML Slide Show](#)

Pumpkin Variety Slides 2001 | [HTML Slide Show](#)

[Go to the VegNet homepage.](#)

VegNet Vegetable Schools

In the next few weeks, a series of slide presentations will be made available in order to update you on the latest pumpkin and sweet corn research. We begin with 2

pumpkin topics in Pumpkins 101 and have 9 slide presentations available in Sweet Corn 101. In sweet corn, only powerpoint presentations are available now. Coming soon are online html shows. Go to the VegNet homepage.

Pumpkins 101

The use of trap crops and Admire for cucumber beetle control and New varieties for 2001. In coming weeks, we will have presentations on cover crops for disease control and pumpkin fungicide use. Check back often.

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]

Online Edition of the 2001 Ohio Vegetable Production Guide - Now Available

Sweet Corn Disease Resistance Ratings

The following are summarized lists of Dr. Pataky's work at the Univ. of IL on disease reactions of sweet corn. In these summaries, all experimental and processing varieties have been removed and only named varieties which were rated for common rust or MDM are included. The first list are those named varieties rated for common rust. The second list are only those named varieties rated for Maize Dwarf Mosaic virus (MDM).For a complete report, E-mail: Bob Precheur:

precheur.1@osu.edu

Common Rust of Sweet Corn

MDM of Sweet Corn

Do You Know Us?

Find out what we've been up to. The OSU Vegetable Team Report is available in PDF file format for downloading from the VegNet homepage.

Sources of Pheromone Traps Used in Vegetable Pest Management.

Do you need to find traps, lures or suppliers, click on the Vegetable IPM button on the left side of the homepage, then click on the 'Sources' document in the Vegetable IPM section.

IR-4 News

Also in the Vegetable IPM section, you can link to the IR-4 website. Read the results of the 2000 food use workshop, monthly and quarterly newsletters. Find out the latest on pesticide registrations for minor crops. Learn about biopesticides plus much more. Click on the Vegetable IPM button on the VegNet homepage and then click on the IR4 link in the Vegetable IPM section.

[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.

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