

PEP-Talk, November, 2008

Pesticide Education Program
Ohio State University Extension
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2, 4-D RESISTANT GRAPES

Researchers at the University of Illinois have developed a new grape variety called Improved Chancellor which is resistant to the herbicide 2, 4-D. The gene was discovered by USDA in a soil bacterium. According to University of Illinois, the gene has been successfully transferred to grape cells.

Currently, the grape plants have only been raised in greenhouses. The researchers are hoping to have permission to move the research outside by the spring of 2009. They are currently testing the grapes for toxins that would prevent harvesting for fresh or wine sales. More information is available at:
<http://www.aces.uiuc.edu/news/stories/news4528.html>

FINAL RULE ON PESTICIDE CONTAINER AND CONTAINMENT REGULATIONS

EPA has published the final rule for the Pesticide Container and Containment Regulations. The regulations were published in August, 2006 and affect registrants, dealers and retailers. In October, 2008, EPA published a final rule that amended the regulations to provide a one year extension of the labeling compliance date. The rule also

changed the phrase “sold or distributed” to “released for shipment” as associated with all compliance dates; provides for exceptions to the label language requirements for specific types of containers; and allows for waivers of certain label requirements for refillable and nonrefillable containers on a case-by-case basis.

The overall regulations include five sections: nonrefillable containers, refillable containers, repackaging, labeling for cleaning containers and identifying refillable and nonrefillable, and containment structures. More information about the Pesticide Container and Containment Regulation is available at: <http://www.epa.gov/pesticides/regulating/containers.htm>

REPORT ON TOTAL RELEASE FOGGER EXPOSURE

The Center for Disease Control (CDC) released a report on the illnesses and injuries related to total release foggers (TRFs), otherwise known as bug bombs. The researchers looked at eight states (California, Florida, Louisiana, Michigan, New York, Oregon, Texas and Washington).

During 2001-2006, there were 466 illnesses or injuries related to TRFs. The leading cause was failing to vacate the area before the TRF was discharged, reentry into the treated space too soon, not following label directions for application space requirements and failing to notify people near the discharge site (such as multi-unit housing). The report is available at: <http://www.safe-workplace.com/safety-blog/2008/10/cdc-releases-report-on-total-release.html>

TEN YEAR STUDY OF PESTICIDES IN GROUND WATER

The United States Geological Survey (USGS) reported that ground water hasn't retained a high concentration of pesticides in a study published in the Journal of Environmental Quality. The study, entitled, “Decadal-Scale Changes of Pesticides in Ground Water of the United States, 1993-2003” took samples from over 300 wells across the country. The samples were analyzed for 80 compounds. Only six of the compounds were detected in water from at least 10 wells during the sampling time periods. The abstract and full text is available at: http://jeq.sci journals.org/cgi/content/abstract/37/5_Supplement/S-

226 If you have trouble accessing the website, please contact Cindy Folck at folck.2@osu.edu
(Source: Pesticide & Toxic Chemical News, 10/27/08)

PESTICIDE INFORMATION IN SPANISH

The National Pesticide Information Center (NPIC) has launched a Spanish language version of its English website. NPIC is the a cooperative effort of EPA and Oregon State University that provides objective, science-based information about a variety of pesticide-related subjects, including pesticide products, recognition and management of pesticide poisonings, toxicology and environmental chemistry. The English website is <http://npic.orst.edu> and the Spanish website is <http://npic.orst.edu/index.es.html> or by using the link on the English website.

INSERVICE REMINDER

The 2009 Extension Educator Inservice for Pesticide Applicator Training will be December 3 & 4, 2008 at the Ohio 4-H Center on Ohio State University campus in Columbus. Registration information is available at <http://pested.osu.edu/educator>

PESTICIDE CROP WATCH INSECTICIDES

NICOTINE – EPA has received notice that the manufacturer has requested to cancel the last registration for nicotine. The public comment period is until April 27, 2009. The registration would be terminated to use nicotine on greenhouse ornamentals such as poinsettia, chrysanthemum and bedding plants for the control of aphids, thrips and whiteflies.

Before the cancellation takes place, the following measures will take the form of revised labeling:

- Use of nicotine product in non-commercial greenhouses will be prohibited
- Use of nicotine product on plants grown for cut-flowers will be prohibited
- Worker reentry into a treated greenhouse prohibited for 24 hours
- Prohibits the sale or transfer of treated plants for 24 hours following application

The manufacturer has requested the following phase-out:

- Nicotine products can be produced and sold until December 31, 2013
- Distributors can sell nicotine product until December 31, 2014.
- The product can be used by growers until the stock is depleted.

More information is available at:

<http://www.epa.gov/pesticides/reregistration/nicotine/>

CARBARYL - EPA has received a request from several registrants to amend their registrations to terminate some crops for carbaryl products. Terminated uses for carbaryl are: wheat, millet, fresh/succulent beans and peas (crop subgroup 6B), the use of drench or dip treatments of seedlings or seed pieces, granular applications to leafy vegetables (except brassica), direct applications (except for flea collars) to domestic animals (including dogs, cats and other pets) and all indoor applications. Use of carbaryl as a dust in agricultural crops is also terminated.

The public comment period for these registration amendments is until November 14, 2008. More information is available at:

<http://www.epa.gov/fedrgstr/EPA-PEST/2008/October/Day-15/p24271.htm>

Carbaryl was also the subject of a petition from an environmental activist group who requested that all carbaryl registrations be canceled. EPA denied the petition citing that the Natural Resources Defense Council failed to provide a basis for cancelling carbaryl uses and tolerances. EPA has amended the September 2007 Carbaryl Reregistration Eligibility Decision to incorporate a revised occupational exposure and risk assessment. More information is available at: <http://www.epa.gov/pesticides/reregistration/carbaryl/>

UPCOMING EVENTS

More information about these events at <http://pested.osu.edu>

EXTENSION EDUCATOR INSERVICE

December 3-4, 2008

Ohio 4-H Center, OSU Campus, Columbus

COMMERCIAL APPLICATOR RECERTIFICATION CONFERENCES

General Conferences

January 21, 2009 – Dayton Convention Center

February 10, 2009 – Sandusky, Kalahari Conference Center

February 25, 2009 – Columbus Convention Center

March 11, 2009 – Akron, John S. Knight Center

Field Crop Conferences

December 17, 2008 – Lima, Reed Hall, Ohio State University, Lima Campus

February 25, 2009 – Columbus Convention Center

TRAINED SERVICEPERSON AND NEW APPLICATOR COMMERCIAL SCHOOLS

February 4, 2009

March 25, 2009

April 28, 2009

May 20, 2009

August 26, 2009

September 30, 2009

Taught at Ohio Department of Agriculture, Reynoldsburg

WOOD-DESTROYING INSECT INSPECTION

Recertification credit also available in Core, 10b and 12.

April 1, 2009

September 16, 2009

Taught at Ohio Department of Agriculture, Reynoldsburg

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