

PEP-Talk, August, 2005

Pesticide Education Program
Ohio State University Extension
Joanne Kick-Raack, State Coordinator
Cindy Folck, Communications
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Wood Destroying Insect Inspection - Sept. 28

September 28 will be the next training session for inspectors wanting to become licensed for wood-destroying insect inspections. Ohio regulation requires a license for anyone performing insect inspections as part of a real estate transaction. The license requires the inspectors to attend a mandatory five-hour training session and take a test.

Anyone interested in attending the training can go to the Pesticide Education Program website at <http://pested.osu.edu> for information. If there are any questions, they can call the program at (614) 292-4070. The class will be held from 9:00 a.m. - 4:00 p.m.. The registration, which includes lunch, is \$90 if pre-registered and \$100 at the door. Ohio State University Extension Educators who would like to learn more about inspecting structures for insect damage can attend the training at the discounted rate of \$25. Call (614) 292-4070 for more information.

Farm Science Review Activities

The Pesticide Application Technologies display at the Farm Science Review will be a busy place. The Review will be September 20, 21 and 22 at the FSR grounds near London. The display, coordinated by the Pesticide Education Program and Dean Slates, OSU Extension, Holmes County, is located on the west end of the FSR grounds.

Highlights for this year include air-assisted spraying, designed for soybean rust. Additionally, another sprayer will be outfitted with various nozzle combinations to demonstrate spray drift potential to FSR attendees. Purdue University will also be participating in the display.

Encourage any Certified Crop Advisors in your area to attend the CCA College on September 21 on the FSR grounds. The college will be in the Vice President's tent which is located near the Pesticide Technology display. Pre-registration is required for the college and registration information is available at <http://agcrops.osu.edu>

German Cockroach Pheromone Discovered

The sex pheromone of the female German cockroach has been isolated, characterized and synthesized by a team at Cornell University. Considered one of the more destructive pest to control world-wide, the German cockroach sexual chemistry has been difficult to isolate until now. With the discovery of the sex pheromone, the control methods may be developed for the pest. (Source: *The Label, University of Nebraska-Lincoln, Vol. 17, No. 4*)

Study on Roundup Adjuvants

A recent study conducted by a French university tested Roundup and the active ingredient, glyphosate, on human placental cells. The findings were published in the June issue of Environmental Health Perspectives and can be found at: <http://ehp.niehs.nih.gov/docs/2005/7728/abstract.html> The study results found that Roundup had more of an effect on the cells than glyphosate alone. The researchers concluded the adjuvants used in Roundup were affecting the cells. (Source: *Differential*

Effects of Glyphosate and Roundup on Human Placental Cells and Aromatase, Richard, S., et. al., Environmental Health Perspectives, Vol. 113, No. 6, June 2005, <http://ehp.niehs.nih.gov/docs/2005/7728/abstract.html>)

USDA Sued Over Organic Seal Usage

USDA has refused to allow manufacturers who use organic agriculture ingredients for personal care products to use the certified organic seal. The suit has been filed by the Organic Consumers Association. The suit identifies a USDA policy statement issued in May 2002 that allows the seal to be used on non-food products containing certified organic agricultural ingredients such as body and personal care products and pet food.

In April 2005, USDA issued a policy statement that non-food products cannot be labeled with the certified organic seal. A USDA spokesperson said the policy reflects the fact that USDA has no jurisdiction over cosmetics and body care products. (*Source: Pesticide & Toxic Chemical News, Vol. 33, No. 35*)

Growers Settle Seed Dispute

Several growers settled out of court with Harris Moran Seed Co., for eggplant seeds that produced off-colored and misshapen eggplants. The settlement is considered significant because the growers were able to not only recoup the cost of the seed, but also the lost sales from their crop under truth-in-labeling laws. Previously, growers were only able to use the Uniform Commercial Code which governs transactions between merchants and limits the seed company's liability to the cost of the seed which would have only been \$5,000. (*Source: Chemically Speaking, University of Florida Extension, May 2005*)

Study on Newborns Released

The Environmental Working Group and Commonweal released a study about contaminants found in the umbilical cord blood of 10 babies born in the United States last year. The study, entitled "Body Burden" The Pollution in Newborns" was unveiled during a ceremony

to draw attention to bills introduced to the U.S. House of Representatives to increase funding for research on the impact of environmental factors on the health of women and children.

The study found an average of 200 industrial chemicals and pollutants including mercury, fire retardants, pesticides and PFOA, a chemical used in the manufacture of Teflon non-stick coating. Some scientists have questioned the validity of the study with such a small sample size. They also pointed that since extremely amounts of the substances were found that the samples could have been prone to contamination during collection, storage, transport and analysis. The study is available

at <http://www.ewg.org/reports/bodyburden2/execsumm.php> (Sources: Office of Pesticide Programs Update, July 22, 2005, Pesticide & Toxic Chemical News, Vol. 33, No. 39)

Pesticide Crop Watch

The Pesticide Education Program website has been updated with the most recent list of restricted use pesticides in Ohio available from the Ohio Department of Agriculture. The list is available at <http://pested.osu.edu> under the "General Information" link.

INSECTICIDES

Orthene – Orthene has a 2ee recommendation to address usage on soybean aphid. A copy of the label with the aphid recommendations is available on the Pesticide Education Program website at <http://pested.osu.edu> Follow the "General Information" link to find the 2ee recommendation page.

Upcoming Events

Wood Destroying Insect Inspection

September 28, 2005

9:00 a.m. - 4:00 p.m.

Taught at ODA in Reynoldsburg

Meets mandatory training requirement for Wood -Destroying Insect Inspection License

PAT Agent Inservice

December 8 and 9, 2005

Agriculture Administration Auditorium

OSU Campus, Columbus

Ohio Commercial Recertification Schools

General Schools (turf, ornamental, industrial vegetation and pest control)

Akron - November 22, 2005

Perrysburg - December 17, 2005

Dayton - February 2, 2006

Columbus - February 23, 2006

Field Crop Conferences (agronomic pest control)

Lima - December 15, 2005

Columbus - February 8, 2006

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