

PEP-Talk, August, 2008

Pesticide Education Program
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PESTICIDE DISPOSAL DATES FOR CLEAN SWEEP PROGRAM

The Ohio Department of Agriculture has announced the dates and locations for the Clean Sweep Program. The program collects farm pesticides for disposal. The program is for farm pesticides ONLY. No household or non-farm pesticides will be accepted. No pesticides will be accepted from commercial companies. The dates and locations are:

Fayette County
August 13, 10:30 - 2:30
Fayette County Demonstration Farm
(next to Fayette County Airport)
2770 S.R. 38
Washington Courthouse, OH 43160

Wayne County
August 18, 10:30 - 2:30
OARDC

1680 Madison Ave.
Wooster, OH 44691

Miami County
September 3, 10:30 - 2:30
Miami County Fairgrounds
650 N. County Road 25-A
Troy, OH 45373
(event will be held at the grandstand)

All collections will run from 10:30 A.M. to 2:30 P.M. For more information, contact Ohio Department of Agriculture, Pesticide Regulation Section, (800) 282-1955, ext. 31

END OF YEAR FOR COMMERCIAL LICENSE

Commercial Pesticide Applicator Licenses come up for renewal on September 30. Commercial applicators need 5 hours of credit every three years to complete their recertification. Pesticide Education Program is opening training classes to include recertification for applicators. The classes will be held on August 27 and September 24 in Reynoldsburg at the Ohio Department of Agriculture (ODA). Categories included in the training are core, 8 (turf), 6c (ornamental weed) and 5 (industrial vegetation) and equate to 3-1/2 hours of training. Interested applicators can contact the Pesticide Education Program at (614) 292-4070 or go to <http://pested.osu.edu>

Applicators already licensed as wood-destroying insect inspectors can receive their recertification during the course on September 23 in Reynoldsburg at ODA. See the article below for more information.

GROWERS NEED TO WATCH BEE ADVISORIES

Growers should read the pesticide label and heed any environmental hazards such as toxicity to bees. Pesticide products -- including insecticides, fungicides and herbicides -- may include a bee advisory. If the pesticide is toxic to bees, it should not be used on blooming crops or only used when bee activity is low which is during the early morning or late evening. Also, it is the applicator's responsibility to contact beekeepers with registered apiaries (beehives) within 1/2 mile of the target field. A list of the registered

apiaries is available by calling the Ohio Department of Agriculture at (800) 282-1955.

NAFTA TECHNICAL WORKING GROUP ON PESTICIDES

The North American Free Trade Agreement (NAFTA) Technical Working Group on Pesticides was established in 1997 to streamline certain pesticide shipments between Canada, Mexico and the U.S. The primary objective of the group is to develop easier and less expensive pesticide regulation and trade among the three countries.

EPA is releasing a proposed five-year strategy for the group for public comment. The strategic objectives are to provide U.S., Canadian and Mexican growers with equal access to pest management tools, including safer alternatives; to work cooperatively to re-evaluate and reregister older pesticides using each country's re-evaluation programs and to integrate smart business approaches and practices into the group's work. Comments must be received on or before August 18, 2008. More information is available at: <http://www.epa.gov/fedrgstr/EPA-PEST/2008/July/Day-23/p16381.htm> Information about the working groups is available at: <http://www.epa.gov/oppfead1/international/naftatwg/index.html> (Source: U.S. EPA Office of Pesticide Programs)

USDA AMENDS ORGANIC PRODUCT LIST

The USDA National Organic Standards Board has announced amendments to the National List of Allowed and Prohibited Substances List for organic growers. The board reviewed 11 exemptions and 1 prohibition of products. The listing is available in the published federal register article at: <http://www.ams.usda.gov/AMSV1.0/getfile?dDocName=STELPRDC5070659> (Source: U.S. EPA Office of Pesticide Programs)

ATRAZINE STUDY FOCUSES ON HORMONE FUNCTION

Researchers at the University of California in San Francisco showed that atrazine affected the hormones of zebrafish. The experiment put sexually immature zebrafish in water similar to agriculture runoff containing atrazine for 48 hours. The rate of females developing nearly doubled after exposure to atrazine. The same

researchers did separate experiments with human placental cancer cells to determine if atrazine affects hormone function in human cells. The research team suggests that atrazine activates several hormone genes in human cells that are involved in reproduction.

However, researchers from the University of Guelph in Ontario pointed out that numerous other studies have shown that atrazine does not affect amphibians' sexual growth or reproduction. They contend that this is the lone study that shows differently. The study is published in the May 7 issue of PLoS One and is available at: <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0002117>

(Source: Pesticide & Toxic Chemical News, Vol. 36, No. 29)

WOOD-DESTROYING INSECT INSPECTION – SEPTEMBER 23

September 23 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/wdilicense.html> 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.

Commercial applicators who need recertification credit in core, 10b (termite) or 12 (wood-destroying insect inspection) can attend and receive 5 hours of credit. However, there is no on-site registration available so they MUST pre-register. For more information, call (614) 292-4070.

COASTAL WATERS SHOW DECLINE OF CONTAMINANTS

The National Oceanic and Atmospheric Administration (NOAA) released a report saying concentrations of pesticides and industrial chemical contaminants in U.S. coastal waters have been decreasing over the past 20 years. However, according to the report, urban and industrial areas still register elevated levels of various chemicals.

The report is part of the Mussel Watch ecosystem monitoring program that was established in response to a congressional mandate. The data gathering began in 1986 and the reporting is now planned on a biannual basis.

The report shows concentrations of pesticides like DDT and industrial chemicals such as PCBs have been decreasing on a national level. Other contaminants that are declining include PAHs, dieldrin, tributyltin and chlordane. However, trace metals have not shown the same trend. In an interview the manager of the report remarked that he sees an association between banning of contaminants and their decreased levels in coastal waters.

The report is available on NOAA's Center for Coastal Monitoring and Assessment website at

<http://ccma.nos.noaa.gov/about/coast/nsandt/welcome.html>

(Source: Pesticide & Toxic Chemical News, Vol. 36, No. 29)

PESTICIDE CROP WATCH

INSECTICIDES

Carbofuran – EPA released a Federal Register notice on July 30 to revoke tolerances of carbofuran in any food. Because of possible dietary exposures to infants and children that are particular concern, EPA is moving to revoke carbofuran tolerances first, before cancelling carbofuran registrations. There is a 60-day comment period on the proposal to revoke carbofuran tolerances in food. More information about the tolerance revocation and carbofuran cancellation is available at:

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

UPCOMING EVENTS

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

TRAINED SERVICEPERSON AND NEW APPLICATOR COMMERCIAL SCHOOLS

Recertification credit also available in core, 8, 6c and 5.

August 27, 2008

September 24, 2008

Taught at Ohio Department of Agriculture, Reynoldsburg

WOOD-DESTROYING INSECT INSPECTION

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

September 23, 2008

Taught at Ohio Department of Agriculture, Reynoldsburg

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

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