

PEP-Talk, July, 2009

Pesticide Safety Education Program
Ohio State University Extension
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FARM PESTICIDE COLLECTION DATES

The Ohio Department of Agriculture has announced the dates and locations for the Farm Pesticide Collection Program. This pesticide collection service is free of charge for local farmers to properly dispose of unused farm chemicals. The program is for farm pesticides ONLY. No household or non-farm pesticides or chemicals such as paint, antifreeze or solvents will be accepted. No pesticides will be accepted from commercial companies.

The 2009 dates and locations are:

Clark County

August 12, 10:30 - 2:30

Clark County Fairgrounds

4401 S. Charleston Pike

Springfield, OH 45502

Huron County

September 9, 10:30 - 2:30

Transfer Station

2413 Townline Road 131

Willard, OH 44890

Noble County
September 15, 10:30 - 2:30
Noble County Fairgrounds
Caldwell, OH 43724

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. More information is also available at: <http://pested.osu.edu/pesticidecollection.htm>

PYRETHROIDS AND PYRETHRINS INFORMATION SITE

EPA has launched a web page dedicated to pyrethroids and pyrethrins. Included on the website is a fact sheet related to pyrethroid exposure and asthma/allergies. The website is at: <http://www.epa.gov/oppsrrd1/reevaluation/pyrethroids-pyrethrins.html>

The fact sheet on the website reviews the relationship between pyrethrins, pyrethroid exposure and asthma and allergies. In the review, the animal data does not indicate that exposure to pyrethrins or pyrethroid products are associated with the development or exacerbation of asthma. Data also indicates that pyrethrins/pyrethroids have low acute toxicity via oral, dermal and inhalation routes of exposure and are not skin sensitizers.

Available human epidemiological data do not consistently show results/outcomes that indicate pyrethrins or pyrethroids cause allergic and/or asthmatic responses, nor do they provide robust evidence that pyrethrins/pyrethroids trigger an allergic and/or asthmatic response.

The use of pyrethrins and pyrethroids has increased during the past decade with the declining use and availability of organophosphate pesticides. These insecticides are used in agriculture, mosquito control, household pesticides and pet products.

(Source: EPA Office of Pesticide Programs, June 25, 2009)

EPA CREATES POLLINATOR PROTECTION TEAM

EPA has created a multidisciplinary Pollinator Protection Team to

address pollinator issues and create a comprehensive approach for protecting pollinators. The EPA focus will be to ensure pollinators are not subject to unreasonable adverse effects from exposure to pesticides. The strategic plan calls for:

- Advancing EPA's scientific knowledge and assessment of potential pesticide risks to pollinators
- Improving risk management tools for mitigating potential risks to pollinators; and,
- Increasing and broadening EPA's collaboration and communication with governmental and non-governmental organizations and the public in addressing pollinator issues.

The EPA team website is available at: <http://www.epa.gov/pesticides/ecosystem/pollinator-protection.html>

(Source: EPA Office of Pesticide Programs)

MALARIA VACCINE MAY BE COMING

The world's first malaria vaccine could be available as soon as 2011. Advanced trials are beginning in Africa and could lead to a vaccine for people living in areas where malaria is endemic. The vaccine has been in testing stages for 17 years. The trials are being conducted in seven African countries. Limited trials already conducted showed a 65 percent improvement in reducing infection with malaria in babies aged under 12 months who are typically most vulnerable to the disease.

(Source: Michigan Mosquito Control Association Newsletter, Skeeter Scanner, Vol. 22, No. 4)

AGRICULTURE HEALTH STUDY UPDATE

The Agriculture Health Study started in 1994 to follow private and commercial applicators in Iowa and North Carolina. To date, over 89,000 individuals have participated in the study which is a joint project of the National Institutes of Health and EPA.

Several studies have been released that look at possible links between occupational exposure for applicators and diseases. A 678 person subset of the agriculture health study was looked at for the

abnormal blood condition called MGUS (monoclonal gammopathy of undetermined significance). The agriculture health study subset was compared to a group studied by the Mayo Clinic that included people from the general population. The people in the subset showed an increased risk of the blood disorder if they were exposed to the insecticide dieldrin, the fumigant carbon-tetrachloride/carbon disulfide and the fungicide chlorothalonil than people from the general population. The researchers indicated the study would need to be replicated with a larger sample. More information about the study is available

at: <http://www.hematology.org/media/06122009.cfm>

Another study from the Agriculture Health Study looked at the possible link between pancreatic cancer and the herbicides pendimethalin and EPTC. The possible link was indicated by looking at the 93 cases of pancreatic cancer in the individuals involved with the Agriculture Health Study (which is about 0.1% of the individuals in the study) and their occupational exposure to certain pesticides. The researchers caution that this is the first findings to identify a possible link, so more research is warranted to test the association. The research article is available

at: <http://www3.interscience.wiley.com/journal/121538829/abstract>

(Sources: Pesticide & Toxic Chemical News, Vol. 37, No. 31; American Society of Hematology via Ag Professional, June 17, 2009)

PESTICIDE CROP WATCH

Nicotine – The last remaining nicotine pesticide registration has been voluntarily cancelled by the registrant. The cancellation of the product, Fulex Nicotine Fumigator, will become effective January 1, 2014. Sale or distribution of existing stocks will be permitted until December 31, 2014. Use of this product will be permitted until existing stocks are depleted.

UPCOMING EVENTS

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

TRAINED SERVICEPERSON AND NEW APPLICATOR COMMERCIAL SCHOOLS

Recertification available in core, 8, 6c, 5 and 2c

August 26, 2009

September 30, 2009

Taught at Ohio Department of Agriculture, Reynoldsburg

WOOD-DESTROYING INSECT INSPECTION TRAINING

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

September 16, 2009

Taught at Ohio Department of Agriculture, Reynoldsburg

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Caldwell, OH 43724

OSU EXTENSION EDUCATOR INSERVICE

December 9 and 10, 2009

OSU Campus, Columbus

COMMERCIAL APPLICATOR RECERTIFICATION CONFERENCES

Field Crop Conference

December 16, 2009 – OSU – Lima Campus

January 13, 2010 – Dayton Convention Center

March 9, 2010 – Columbus Convention Center

General Conference

January 13, 2010 – Dayton Convention Center

February 17, 2010 – Sandusky, Kalahari Conference Center

March 3, 2010 – Akron, John S. Knight Center
March 9, 2010 – Columbus Convention Center

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