

## **PEP-Talk, June, 2009**

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### **NEW REQUIREMENTS FOR SOIL FUMIGANTS**

EPA is beginning to implement the amendments to the 2008 risk management measures for soil fumigants. Metam sodium/potassium and dazomet have been reclassified as restricted use pesticides. The other soil fumigants are already restricted use products.

Applicators will also be required to prepare a written, site-specific fumigant management plan before using any soil fumigant. Buffer zones will be required if identified on the label for specified products. Posting will be required for these buffer zones to inform about the location and timing of the fumigation. If site-specific measures are required, fumigators may either need to monitor the buffer perimeter or provide emergency response information to neighbors. This would need to be provided one week prior to application.

Measures to protect pesticide handlers involve extending respirator use and ensuring fit-testing, changing timing of tarp perforation and removal and extending entry-restricted period. Applicators and handlers will also be required to have more training.

EPA has determined that certain agriculture practices listed on the pesticide label will be required rather than just recommended. Some fumigation application methods will be restricted and some rates will be lowered.

The complete listing of the risk management measures for soil fumigants is available

at: [http://www.epa.gov/oppsrrd1/reregistration/soil\\_fumigants/index.htm](http://www.epa.gov/oppsrrd1/reregistration/soil_fumigants/index.htm)

(Source: EPA Office of Pesticide Programs)

### **NEW APPLICATION TECHNOLOGY RESOURCES**

“Droplet Size Calibration: A New Approach to Effective Spraying” is a new publication that explains what’s involved in calibrating a boom sprayer to meet label specified droplet characteristics. The publication was developed by Kansas State University and University of Illinois and is available

at: <http://www.oznet.ksu.edu/library/ageng2/MF2869.pdf>

“An Evaluation of ATV-Mounted Boomless Spray Nozzles for Weed Control” summarizes research on boomless nozzles used to spray pastures, rangeland and roadsides. The publication was developed by Kansas State University and is available

at: <http://www.oznet.ksu.edu/library/ageng2/ep156.pdf>

### **TWO-YEAR STAY GRANTED BY COURTS FOR CWA PERMITTING**

The U.S. Court of Appeals for the 6th District has granted a two-year stay until April 9, 2011, to the U.S. EPA to develop, propose and issue a final general permit for pesticide applicators under the National Pollutant Discharge Elimination System (NPDES).

The original court ruling requires a permit for all biological pesticide applications and chemical pesticide applications that leave a residue in water when such applications are made in or over, including near, waters of the U.S. EPA estimates this will affect about 365,000 pesticide applicators and about 5.6 million pesticide applications annually. For more information about the permitting process, visit EPA’s NPDES page at: <http://cfpub.epa.gov/npdes/>

## **COMMERCIAL RECERTIFICATION CREDIT AVAILABLE**

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 the new applicator training classes to include recertification for applicators. Class size is limited. The basic classes will be held on August 26 and September 30 in Reynoldsburg at the Ohio Department of Agriculture (ODA). Categories included in the training are core, 2c (agriculture weed), 8 (turf), 6c (ornamental weed) and 5 (industrial vegetation) and equate to 4 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 16 in Reynoldsburg at ODA.

## **IOWA AERIAL APPLICATORS REQUIRED TO HAVE CONSULTANTS**

The Iowa Department of Agriculture and Land Stewardship requires aerial applicators operating in Iowa to cooperate with an aerial applicator consultant. The consultant coordinates the commercial application of pesticides by aerial applicators. The consultant must be a resident of Iowa, hold a commercial applicator or pesticide dealer license with the aerial category. Responsibilities of the consultant include:

- Meet with aerial applicator prior to first application to verify compliance
- Provide detailed aerial maps of applicator location
- Maintain daily communication with aerial applicator during pesticide applications and daily oversight of pesticide handlers' activities
- Other responsibilities are listed on checklist available at: <http://www.iowaagriculture.gov/Pesticide/pdf/Aerial%20ApplicatorConsultantBasicChecklist.pdf>

More information about the Iowa aerial applicator requirements is available at: <http://www.extension.iastate.edu/pme/> under "What's New" on the right side of the screen.

(Source: Iowa State University Extension – Crop News, 4/13/2009)

## **2007 MICHIGAN PESTICIDE ILLNESS AND INJURY SURVEILLANCE**

The Michigan Department of Community Health has released their state-wide report on surveillance of pesticide poisonings for 2007. The highlights of the report include:

- only 5 of the 132 cases were referred to the Michigan Department of Agriculture
  - only 9 percent of the total cases involved agriculture workers
  - the report had no exposures to children under the age of 17
  - the most common occupational exposures were housekeeping, structural applicators and lawncare workers
  - the most numerous pesticide types involved in occupational exposures were disinfectants, followed by insecticides
  - no child exposures from school treatments were recorded
- (Source: EPA Region 5 Office)

## **VIRGINIA INSTITUTES SCHOOL IPM LAW**

The Virginia Cooperative Extension and the Virginia Board of Pesticide Control have been directed to develop guidelines on integrated pest management (IPM) in schools no later than July 1, 2010. This is part of a new law that also requires the Virginia Department of Education to make information available to school boards on IPM programs for school property. Details about the law are available at: <http://leg1.state.va.us/cgi-bin/legp504.exe?ses=091&typ=bil&val=hb1836>

(Source: National Pest Management Association ePestWorld Newsletter, 4-7-2009)

## **LAWYER IN PESTICIDE EXPOSURE CASE COULD FACE CHARGES**

A lawyer involved in a pesticide exposure case against Dole could face charges. The lawyer has been accused of recruiting plaintiffs to pose as victims of pesticide exposure. The lawsuit against Dole claimed that men became sterile after exposure to the pesticide DBCP while working on Dole banana farms in Nicaragua in the 1970s. Witnesses testified that the men were recruited to lie and had never worked for Dole.

(Source: Pesticide & Toxic Chemical News, Vol. 37, No. 28)

## **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

### **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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