

PEP-Talk, November, 2005

Pesticide Education Program
Ohio State University Extension
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EPA Unveils New Approach for Endangered Species Protection

Pesticide applicators will need to consult the pesticide label and special bulletins to determine if they are in an area with special endangered species protection. The new approach for field implementation of endangered species protection was unveiled by EPA during the first week in November and is available at <http://www.epa.gov/fedrgstr/EPA-PEST/2005/November/Day-02/p21838.htm>

Any endangered species will be listed on the pesticide label. The label will also contain a statement that refers users to Endangered Species Protection Bulletins if the pesticide product has a specific geographic area that may limit its usage because of a federally listed species. These bulletins will be available on the EPA website (<http://www.epa.gov>) or by calling a toll-free number.

(Source: EPA Office of Pesticide Programs Update, November 2, 2005)

Ohio Pesticide Applicator Fined by Court

An Ohio man was found guilty by the Darke County Municipal Court for applying pesticides without a license. The applicator was applying pesticides for hire on lawns without a commercial pesticide applicators license and without a pesticide business license, both considered second-degree misdemeanors. He was fined a total of \$150 in addition to court costs and sentenced to 10 days in jail, which was suspended provided he has no additional violations for one year.

(Source: Ohio Department of Agriculture, October 18, 2005)

On-Line Registration for Private Recertification Training

Extension Educators can submit their private applicator recertification training to ODA through an on-line registration program. The link is located at <http://pested.osu.edu>, just follow the link to "Agent Information."

The program will download the loaded information to the Ohio Department of Agriculture so the Educator will receive their codes for the training. The information will also be automatically posted to the Pesticide Education Program website so that private applicators can find training near them.

If you have any questions about the on-line program, please contact Cindy Folck at folck.2@osu.edu or (614) 247-7974.

Educator Inservice Features Fungicide Workshop

A special one-half day disease and fungicide workshop for field crops will be held during the Pesticide Applicator Training Educator Inservice. The inservice will be December 8 and 9, 2005 in the Agriculture Auditorium in the Agriculture Administration Building on OSU main campus in Columbus. The entire schedule is available on-line at <http://pested.osu.edu> - follow the link to the "Agent Information" page. Registration for the inservice is \$10 each day which includes lunch, break refreshments, packet of handout materials and new fact sheets.

Special: There will be an Educator Planning and ANR Issues Meeting

on Thursday evening, 5:30 - 8:00. The meeting is coordinated by Steve Baertsche, Assistant Director, Agriculture and Natural Resources. This evening meeting will include a FREE dinner. Register on-line at <http://pested.osu.edu> and follow the link to the "Agent Information" page.

OSU Commercial Recertification Conferences

November begins the Recertification Conferences for Ohio Pesticide Commercial Applicators coordinated by OSU Extension. The conferences are designed to provide commercial applicators an opportunity to complete their recertification requirements for the license. Registration, schedules and directions are available on the website at <http://pested.osu.edu> The dates and locations will be:

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

Pesticide Fate Database Available

EPA has provided information about the fate of pesticides in the environment in a website database available at <http://cfpub.epa.gov/pfate/index.cfm> The database currently has 188 pesticide active ingredients, with plans to include more in the future. Some of the information includes basic physical and chemical properties, biotic and abiotic degradation half-lives in soil and water, adsorption/desorption constants, and bioconcentration factors in fish.

(Source: Chemically Speaking, University of Florida Extension, September 2005)

Rodenticides To Be Pulled from Shelves

Rodenticide products that contain corn oil as the active ingredient must be pulled from store shelves because they don't have an EPA registration, according to U.S. EPA. EPA recently communicated that these products are not considered exempt from EPA registration under FIFRA 25b, which allows products identified by EPA in the 25b list to be exempt from needing an EPA registration. EPA contends that these products actually contain corn cob as the active ingredient that is responsible for killing rodents and corn cob is not contained on the 25b list. To see the 25b list, visit http://www.epa.gov/oppbppd1/biopesticides/regtools/25b_list.htm (Source: EPA Office of Pesticide Programs, November 8, 2005)

New Class of Insecticide Announced

Two new broad-spectrum insecticides have been introduced by research teams at Nihon Nohyaku Co., Ltd., Bayer Crop Science and DuPont. The class may be beneficial in reducing insecticide resistance. These insecticides are designed to target the ryanodine receptor which regulates muscle and nerve activities by modifying levels of internal calcium in cells. This mode of action differs from many current insecticides which interfere with acetylcholinesterase, an enzyme that helps control nerve activity. More information is available at: <http://pest.ifas.ufl.edu/CMSP-2005/09cmisp05%20files/09cmisp05-L02.htm> (Source: *Chemically Speaking*, University of Florida Extension, September 2005)

Pesticide Crop Watch

Insecticides

Endothall – EPA has said the product is eligible for reregistration, provided the risks are mitigated. This aquatic herbicide is used to control submerged aquatic vegetation and algae in lakes, ponds and irrigation canals. More information is available at:

<http://www.epa.gov/opprrd1/reregistration/endothall/>

Oxydemeton-methyl – EPA has released an interim report that this organophosphate pesticide is eligible for reregistration, provided that risks are mitigated which will be outlined later. The product is mainly used to control aphids, mites and thrips. The registered sites

include vegetables, tree fruit, nut crops and ornamentals. More information is available

at: <http://www.epa.gov/oppsrrd1/op/odm.htm>

Misc.

Mycogen Seeds (c/o Dow AgroSciences, LLC) and Pioneer Hi-Bred, Int., have received approval from EPA for a corn plant-incorporated protectant derived from *Bacillus thuringiensis* (Bt) to control corn rootworm. As with similar products, EPA has approved it for a time-limited use which will be subject to reevaluation in five years.

(Sources for Pesticide Crop Watch: EPA Office of Pesticide Programs Update, October 11, 2005, November 8, 2005)

Upcoming Events

New Educator Inservice

November 17, 2005

10:00 a.m. – 2:00 p.m.

Held at Extension Entomology, 1991 Kenny Rd.

Contact Joanne Kick-Raack, kick-raack.1@osu.edu for more information

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

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Wood-Destroying Insect Inspection

March 9, 2006

9:00 a.m. – 4:00 p.m.

Taught at ODA in Reynoldsburg

Commercial New Applicator School

March 16, 2006

9:00 a.m. – 4:00 p.m.

Taught at ODA in Reynoldsburg

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