



PEP-TALK

OSU Pesticide Education Programs

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<http://www.ag.ohio-state.edu/~pested/>

OSU PAT News

Publications

The PAT staff has been working over the past year to up-date and revise student workbooks. The four workbooks are now available for purchase through OSU Extension.

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|--------|--------|---|
| OPATFO | 821-02 | OH Pest Appl Train Forage Crops |
| OPATG | 821-06 | OH Pest Appl Train Greenhouse |
| OPATO | 821-05 | OH Pest Appl Train Ornamental |
| OPATVP | 821-3A | OH Pest Appl Train Vegetable Production |

We recommend that county offices delete all old copies of the Vegetable Workbook as much of the information has been updated. Please note that the new updated Ornamental Workbook does not include turf. Bulletin 841-8 should be used for turf. Older copies of Forage Crops and Greenhouse workbooks can be used up as the changes made were minor.

PAT Training 1997-1998

The dates for the 1997-1998 Pesticide Applicator Training Commercial Recertification Schools are as follows:
Please note the change in the Perrysburg date to January 14.

| | |
|------------|-------------------|
| Cleveland | November 25, 1997 |
| Dayton | December 17, 1997 |
| Perrysburg | January 14, 1998 |
| Columbus | January 22, 1998 |

The Commercial New Applicator Training will be held February 24, 25, 26, 1998.

Available Material

The PAT office has some remaining copies of the 1994 EPA publication "Pesticide Poisoning Action Guide for Agricultural Pesticides in the Midwest." This free resource directory includes national and regional contacts, state contacts, and a pesticide reference section that lists pesticides, toxicity information, manufacturers, and pesticides by crop. Call Camille at (614) 292-3272 if you would like a copy.

NY IPM Certification

IPM CERTIFICATION ON NEW YORK STATE VEGETABLES

A New York supermarket chain recently introduced to consumers canned corn and peas grown using integrated pest management techniques. Labels of the canned vegetables bear the Cornell/State of New York logo - a blue ribbon superimposed with the lettering "IPM" and a map of the State of New York.

Several major New York growers agreed last year to implement elements of the Cornell/State of New York IPM program in their fields, Petzoldt, assistant director of Cornell's IPM program, explained. All of the growers succeeded in implementing at least 80% of the elements and received license to use the Cornell/State of New York IPM logo on their product, Petzoldt said. Presently, Wegman's is the only supermarket offering the canned IPM products, he noted, adding the four more IPM-grown products bearing the logo are expected to be offered at Wegman's this summer. The products- beans, carrots, beets and sauerkraut - will be offered fresh, canned and /or frozen, he said.

According to Petzoldt, the IPM program is based on a point system. Growers earn points by implementing various IPM practices including sight selection, crop rotation, use of resistant plant varieties, extensive scouting practices, use of pheromone traps, new chemical application techniques, weed and pest identification practices and appropriate planting and harvesting dates, among other things, he said. Some of the IPM program elements are more important than others and merit more points, Petzoldt maintained. For example, reducing risk of chemical pesticides will earn a grower more points than other, less important IPM practices.

The growers are required to hire a third-party investigator to monitor records of their growing practices.

Wegman's supermarket chain also hired a third-party investigator to verify that the products they label IPM are, in fact, grown using 80% or more of the elements of Cornell's IPM program. This coming summer, Wegman's expects to offer more fresh IPM-grown produce including berries, cucumbers, peppers and tomatoes.

In efforts to educate consumers about IPM, Wegman's has installed televisions in the produce departments of its Rochester stores, Poole said. "We run a video that explains what IPM is all about. We have also published brochures and pamphlets, run TV and radio announcements and [published] columns in papers," he said. Wegman's expects to spend three or four years educating Rochester consumer about IPM, Poole added.

(The Label, University of Nebraska-Lincoln, March 1997)

Chemical & Label Update

CHEMICAL & LABEL UPDATE

The following information provides registration status of particular pesticides and should not be considered as pesticide recommendations by OSU Extension.

FIELD CROPS

Tebufenozide-- Pesticide Tolerances for Emergency Exemptions (Cornell) Rohrer Head

This regulation established time-limited tolerances for residues of the insecticide tebufenozide in or on the raw agricultural commodities sugar beet roots, sugar beet tops, sugar beet molasses, sugar beet refined sugar and sugar beet dried pulp in connection with EPA's granting of emergency exemptions under section 18 of FIFRA. These tolerances will expire on March 30, 1998. (Federal Register, March 20, 1997)

Imazapyr--American Cyanamid-- (Arsenal) Lightning

Tolerances have been established for the residues of the herbicide imazapyr, applied as the acid, in or on field corn. This rule became effective April 9, 1997. (Federal Register, April 9, 1997)

FUNGICIDE

Propamocarb Hydrochloride; Pesticide Tolerance for Emergency Exemptions Tattoo (Agri Eva)

This regulation establishes time-limited tolerances for residues of this fungicide in or on the raw agricultural commodities potatoes, milk; and meat, meat by-products, and fat of cattle, goat, horse, sheep, and hogs. The tolerances will expire and be revoked by EPA on March 15, 1999. (Federal Register, April 2, 1997)

Heritage Fungicide--Zeneca Ag

The Agency has approved an application to conditionally register the product Heritage Fungicide containing a new active ingredient Azoxystrobin that is not included in any previously registered product. The fungicide is for use to control certain diseases on commercial turf. (Federal Register, April 2, 1997)

INSECTICIDE

Avermectin B<INF>1 and Its Delta-8,9-Isomer--Merck Co.-

Time-limited tolerances have been established for residues of the insecticide avermectin and its delta-8,9-isomers in or on the raw agricultural commodities: cottonseed, citrus, dried hops, potatoes, meat and meat byproducts, milk and processed food/feed commodities. (Federal Register, March 24, 1997)

VEGETABLES

Imidacloprid-- Pesticide Tolerances for Emergency Exemptions (Boyer)

This regulation established a time-limited tolerance for combined residues of the pesticide imidacloprid in or on the raw agricultural commodity crop group, cucurbits (Crop Group 9 cucumbers, melons, and squash) in connection with EPA's granting of emergency exemptions under section 18 of authorizing use of imidacloprid on cucurbits in Texas and California. This tolerance will expire on March 31, 1998. (Federal Register, March 19, 1997)

MISC.

Notice of Receipt of Requests to Voluntarily Cancel Certain Pesticide Registrations

EPA has issued a notice of receipt of requests by registrants to voluntarily cancel the following pesticide registrations. Unless a request is withdrawn by September 22, 1997, orders will be issued canceling all of these registrations.

Larvadex Premix

Torus , Torus WP

Fenoxycarb Flea and Tick Household Spray, and Spray for Dogs

Fenoxycarb Indoor/ outdoor Flea and Roach Concentrate

Cythion Insecticide the Premium Grade Malathion

No. 157 Pyneco Disinfectant

Lemon-Cide

Stop Insects Before They Start

Avid 0.15 EC Miticide/insecticide

Green Light 50% Sevin Sprayable Powder, Liquid Flowable, and Granules

Green Light Lawn & Garden Insect Control Granules
Walnut Grove 4x4 Pasture Lick Mo Fli- Kil
Wilbur-Ellis Methyl Parathion 7.5 Spray
Ethyl-Methyl Parathion 6-3 Spray
Nitrox 80 for Manufacturing Use Only
Mesurol 75% Concentrate, and Technical Insecticide Monitor 4
Expose Phenolic Cleaner
Tee Time Sprayable Herbicide with Team, and Herbicide II
Gowan Dimethoate W-25 Insecticide
Drive with Equitrol
Farnam Equibloc with Equitrol, Equitrol II and Farnam Horse LiceDuster II
Equivite with Equitrol
Baytex Liquid Concentrate Insecticide
A-Maizing Lawn
Borax Disinfectant Bathroom Cleaner
Lorsban 50W
(Federal Register, March 26, 1997)

Notice of Receipt of Requests for Amendments to Delete Uses in Certain Pesticide Registrations

EPA has issued a notice of receipt of request for amendment by registrants to delete uses in certain pesticide registrations. Unless a request is withdrawn, the Agency will approve these use deletions and the deletions will become effective on September 22, 1997.

Pratt Benomyl 50 W Systemic Fungicide

-- Deletion of Turf uses

Science Benomyl 50 W Systemic Fungicide

-- Deletion of Turf uses

Alco Systemic Fungicide -- Deletion of Turf uses

Vertagreen Systemic Disease Control -- Deletion of Lawn uses

Clean Crop Benomyl 50% DF

-- Deletion of Turf & lawn grass uses

Receipt of Requests for Amendments to Delete Uses in Certain Pesticide Registrations

Unless a request is withdrawn, the Agency will approve these use deletions and the deletions will become effective on October 6, 1997.

SBP-1382 Insecticide EC 26% Formula I

--Deletion of commercial greenhouses

Prentox Malathion W-25 --Deletion of Ornamentals, potatoes

Green Devil Malathion WP --Deletion of use on tomatoes

Best 4 Servis Brand 25% Malathion WP

--Deletion of use on tomatoes, beef cattle

(Federal Register, April 9, 1997)

EPA Stops Sale of Product

EPA STOPS SALE OF UNREGISTERED 3M KITCHEN PRODUCTS

U.S. Environmental Protection Agency (EPA) Region 5 ordered Minnesota Mining and Manufacturing Co. (3M) to immediately stop selling and distributing several unregistered kitchen products with pesticide-type claims.

The products, now for sale in stores nationwide, are: O-Cel-O Sponge, O-Cel-O Sponge Scrubber KITCHEN, O-Cel-O Sponge Scrubber COOKWARE, and other 3M products making the following claims on their labels: "Kills Germs! Like Salmonella & E. coli in the Sponge," "Kills germs that cause food-borne illnesses," and "Kills Salmonella, E.coli and Staph Bacteria in the sponge." Salmonella, E.coli, and staph bacteria cause diseases in humans and are considered pests under the law. The sponges are considered pesticides and must be registered with EPA because their labels claim they prevent, destroy, or repel pests.

"Consumers should be aware that these products have not been proven to kill germs or prevent food-borne illnesses like their labels claim," said Norman Niedergang, Regional Director of the Waste, Pesticides, and Toxics Division. "Any company that intends to sell a product with pesticide claims must show EPA that their product works."

Congress authorized EPA to ensure that pesticides do not pose unreasonable risks to the public and the environment. EPA registers all pesticides and pesticide products for use in and around homes. No pesticide may legally be sold or used in the United States unless its label bears an EPA registration number.

(John Ward, EPA, March 24, 1997)

WPS Enforceable

WORKER PROTECTION STANDARD HELD ENFORCEABLE IN DUPONT

Administrative Law Judge Edward Kuhlmann issued a Memorandum Opinion and Order March 6, 1997 denying DuPont's motions to dismiss EPA's \$1.895 million FIFRA Worker Protection Standard misbranding enforcement action. This precedent-setting decision affirms enforceability of the FIFRA WPS and rejects a series of legal flaws alleged by DuPont. The DuPont decision includes a well-reasoned rejection of DuPont's attempt to allege Paperwork Reduction Act violations as a threshold bar to enforcing the pesticide worker protection regulation. DuPont, with the decision in Rhone-Poulenc (1996 FIFRA LEXIS 4), establishes a firm legal basis for enforcement of FIFRA WPS rules. (Donald Baumgartner, EPA, March 26, 1997)

Soybeans Approved

GENETICALLY ALTERED SOYBEANS APPROVED IN SWITZERLAND

Soybeans that have been genetically altered have been approved for import into Switzerland. Recently, "500 tons of Kraft-Jacobs-Suchard Toblerone chocolate bars were recalled from Swiss stores after they were found to contain traces of genetically altered soybeans, and Swiss chocolate manufacturers threatened to move elsewhere if the government maintained its ban on the altered soybeans. Switzerland had initially approved the importation of Monsanto's soybean strain last December, but had reconsidered after challenges from Greenpeace and Swiss consumer groups. The most recent decision from the Swiss Interior Ministry requires that any products using genetically modified soybeans be labeled as such." (P & T Chemical News, March 26, 1997)

Ohio Pesticide Case

OHIO MAN CHARGED IN PESTICIDE CASE NOW FACING FEDERAL CHARGES

Lutellis Kilgore of Elyria, Ohio, was charged in U.S. District Court in Cleveland, Ohio, on March 21, with three counts of violating the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and one count of making false statements to federal investigators. Kilgore was previously convicted on state charges in conjunction with the same illegal activities. Kilgore allegedly applied the insecticide methyl parathion in a manner inconsistent with its labeling to more than 60 properties without being certified to apply this chemical.

The spraying led to a \$20 million publicly-funded clean up of the affected properties which was conducted by EPA, the Ohio Department of Agriculture and the Health Departments of the cities of Lorain and Elyria. Kilgore is also charged with distributing methyl parathion to non-certified applicators and allegedly falsely informing federal investigators that he was not storing the chemical at his residence. Kilgore faces a maximum of one year imprisonment and/or a fine of up to \$100,000 on the three FIFRA counts and a maximum of five years imprisonment and/or a fine of up to \$250,000 on the false statement count. (Primenet, Friday April 4, 1997)

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