



PEP-TALK

OSU Pesticide Education Programs



Final Hardcopy Issue...

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Included In This Issue...

New Section 18's & 24c's for Ohio
Chemical & Label Update by Commodity
EPA Registration Cancellations
Proposed EPA Deletions from labels

Special Edition

THIS issue of PEP-TALK is dedicated to Chemical update information received over the past few months prior to our publishing PEP-TALK. Our office receives federal register postings on-line on a regular basis. Product summaries are from various sources via MSU pesticide notes. If product and cancellation summaries are useful to you, please let us know. In future issues, we will resume our regular format and provide product change information in smaller "doses."

-Joanne Kick-Raack

New Section 18 & 24(c)

NEW SECTION 18'S & 24C'S FOR OHIO

Tattoo C (propamocarb hydrochloride) - Section 18 for potatoes

A section 18 exemption granted to Ohio authorizes the use of propamocarb hydrochloride, Tattoo C, a.i. 30.5% propamocarb and 30.5% chlorothalonil, manufactured by AgrEvo USA. Tattoo C may be applied by chemigation, ground or air at a rate of 2.3 pints product at a maximum of five times per season, with a 14 day post harvest interval (PHI) to be observed.

The maximum amount of chlorothalonil permitted for potatoes is 12 lb. a.i. per acre per season, at a maximum of 6,000 acres, with the total amount applied per season from the use of any product or combination thereof not to exceed 12 lbs. If maximum applications of Tattoo C are made per season, a maximum of 4.5 lb. Chlorothalonil will be used. The Ohio exemption expires March 30, 1997.

Ziram 76 Fungicide - SLN 24© for grapes

The purpose of this application is to permit use of Ziram 76 DF Fungicide on grapes up to 21 days PHI to control fruit diseases. This product is used for broad spectrum control of disease on grapes throughout the season. Elf Atochem North America, Inc. (ODA memo, 4/18/96)

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/LIVESTOCK

Avermectin B 1 - Tolerance Exemption Issued

Residue tolerances for insecticide Avermectin B1's delta-8,9-isomer in or on the raw agricultural commodities dried hops at 0.5 ppm and cattle fat at 0.015 ppm - were established in a final rule issued by EPA. (Adapted from Pest. & Tox Chem. News, 2/15/96)

Aztec (tebupirimphos/cyfluthrin)-EPA Approval

The Bayer Aztec insecticide received EPA approval for use on corn at planting time to control rootworms, cutworms, wireworms, white grubs, seed corn maggot and seed corn beetle. (Ag. Chem. News, 1/15/96)

BSP Lime Sulfur - Received Label

Best Sulfur Products Lime Sulfur fungicide received an EPA label to use on blueberries for controlling scales, and on livestock for mange control. (Ag. Chem. News, 1/15/96)

Command 3ME (clomazone) - EPA Registration

The FMC herbicide Command 3 ME has a new formulation registered by the EPA and will be available this season. It allows the product to be applied as a surface, broadcast or banded application without soil incorporation. It is registered for use on soybeans, cotton and tobacco. (Ag. Chem. News, 1/15/96)

Flumiclorac (V-23031) - New Herbicide

Valent's Flumiclorac is a new postemergence herbicide for broadleaf weed control in corn and soybeans. (Ag. Chem. News, 2/15/96)

Stellar (lactofen/flumiclorac pentyl ester) - New Herbicide

Valent has a new combination herbicide - Stellar-developed for postemergence usage on soybeans. It controls a number of broadleaf weeds, including ALS-resistant waterhemp. (Ag. Chem. News, 2/15/96)

Surflan (oryzalin) - Proposed Tolerance Revocation

The USEPA has proposed the revocation of the residue tolerances of oryzalin (Surflan) for cottonseed, barley grain, wheat grain, peas, potatoes, and soybeans. The uses resulting in these tolerances have not been registered since publication of the 1987 registration standard for this herbicide. EPA has sufficient data to ascertain the adequacy of the established tolerances on these commodities. However, if no party indicates support for the underlying uses of oryzalin during the comment period of this proposed rule, EPA will issue a final rule revoking these tolerances. (EPA Press Release)

Touchdown (sulfonium) - Pesticide Tolerances

The EPA has established a final ruling for permanent tolerances for the residues of the herbicide sulfonium, (formerly glyphosate- trimesium/sulfosate) in or on the raw agricultural commodity stone fruit group and a food additive regulation for processed commodity prunes. This regulation establishes a 2-year time limited tolerance for the residue of this herbicide in or on the raw agricultural commodities soybean forage, soybean aspirated grain fractions, soybean hay, and soybean seed and establishes a feed additive regulation for this herbicide in or on soybean hulls. (Federal Register On-Line, 4/10/96)

FRUIT / VEGETABLE**Avermectin - Pesticide Tolerance**

A final ruling for tolerances for combined residues of the insecticide Avermectin in or on the raw agricultural commodities (RACs) includes almonds, apples, and walnuts; and in or on processed feed items apples, wet pomace and

almonds, hulls. (Federal Register On-Line, 4/10/96)

BSP Lime Sulfur - Received Label

Best Sulfur Products Lime Sulfur fungicide received an EPA label to use on blueberries for controlling scales, and on livestock for mange control. (Ag. Chem. News, 1/15/96)

Clopyralid and its salts (Transline, Reclaim, Stinger).

With the help of IR-4, DowElanco plans to obtain registrations on asparagus, and later on pome fruits, stone fruits, cranberries, spinach, canola and most cole crops. For additional information contact: Dr. Dennis Lade, DowElanco, phone 317-337-4685. (EPA Press Release)

Folicur (tebuconazole) - Residue Tolerances

EPA established residue tolerances on cherries for Bayer's fungicide at 4 ppm and 1 ppm on peaches and nectarines. (FR Vol. 60, 12/13/95) (Ag. Chem. News, 1/15/96)

Kocide (copper hydroxide) - Label Addition

Griffin added to their Kocide fungicide label the usage on parsley (Ag. Chem. News, 2/15/96)

Lorox (linuron) - Asparagus Residue Tolerances

EPA established residue tolerances on asparagus at 7 ppm for the DuPont herbicide Lorox. (FR Vol.60, 12/13/95) (Ag. Chem. News, 1/15/96)

Mustang (cypermethrin) - Addition to Label

The FMC Mustang insecticide added to their label the usage on cabbage, bulb onions, garlic and shallots. (Ag. Chem. News, 1/15/96)

Proclaim/Banlep (emamectin) - New Compound

Merck Ag Vet has a new insecticide compound, Proclaim/Banlep, being used to control lepidoptera and other insects in leafy vegetables, cole crops, eggplant, tomatoes, peppers, corn, and soybeans. (Ag. Chem. News, 2/15/96)

Pyramin SC (pyrazon) - Replaces Previous Herbicide Formulation

BASF's Pyramin FL will be replaced by the formulation Pyramin SC (Suspension Concentrate) for use on sugar beets. (Ag. Chem. News, 2/15/96)

Rally (myclobutanil) - Received Registration

Rohm & Haas has received registration to use Rally fungicide on almonds, apricots, plums and prunes to control rot blossom blight, powdery mildew, shothole and rust. (Ag. Chem. News, 2/15/96)

Rely (glufosinate-ammonium) - New Herbicide

Agr Evo has a new nonselective herbicide - Rely - used to control emerged weeds in apples, grapes and nut crops. (Ag. Chem. News, 2/15/96)

Stinger (clopyralid) - Asparagus Residue Tolerance

EPA established residue tolerances on asparagus at 1 ppm for Dow Elanco's Stinger herbicide. (Ag. Chem. News, 1/15/96)

Surflan (oryzalin) - Proposed Tolerance Revocation

The USEPA has proposed the revocation of the residue tolerances of oryzalin (Surflan) for cottonseed, barley grain, wheat grain, peas, potatoes, and soybeans. The uses resulting in these tolerances have not been registered since publication of the 1987 registration standard for this herbicide. EPA has sufficient data to ascertain the adequacy of the established tolerances on these commodities. However, if no party indicates support for the underlying uses of oryzalin during the comment period of this proposed rule, EPA will issue a final rule revoking these tolerances. (EPA Press Release)

Touchdown (sulfonium) - Pesticide Tolerances

The EPA has established a final ruling for permanent tolerances for the residues of the herbicide sulfonium, (formerly glyphosate-trimesium/sulfosate) in or on the raw agricultural commodity stone fruit group and a food additive regulation for processed commodity prunes. This regulation establishes a 2-year time limited tolerance for the residue of this herbicide in or on the raw agricultural commodities soybean forage, soybean aspirated grain fractions, soybean hay, and soybean seed and establishes a feed additive regulation for this herbicide in or on soybean hulls. (Federal Register On-Line, 4/10/96)

STRUCTURAL PEST CONTROL

Demand Pestab (lambda-cyhalothrin) - New Formulation

Zeneca has developed a new tablet formulation and are marketing it for the insecticide Demand Pestab. It is premeasured to an exact dose for usage in and around structures to control cockroaches, fleas, flies, ants and other insects. (Ag. Chem. News, 1/15/96)

TURF / ORNAMENTAL

Citation (cyromazine) - Addition to Label

The Ciba insecticide can now add to their label 16 new species of ornamental as a result of the IR-4 Project. (Ag. Chem. News, 1/15/96)

Cleary 3336 (thiophanate-methyl) - New Labeling

A new label for the Cleary's 3336 fungicide includes a 12 hour re-entry interval. It can now be used on nursery, greenhouse, landscape and interiorscapes as well as backyard non commercial fruit trees and to control basal stem anthracnose on turf. (Ag. Chem. News, 1/15/96)

Knox-out (diazinon) - Expanded Label

W.A. Cleary company received an expanded label from EPA on their insecticide Knox-out. It can now be used on nursery and commercial applied landscapes as well as in greenhouses and interiorscapes. Whitefly suppression and usage on poinsettias have also been added. (Ag. Chem. News, 2/15/96)

Oust (sulfometuron) - Conifers Added to Label

The DuPont herbicide can now add to their Oust label the usage on balsam fir, douglas fir and white pine as a result of the IR-4 Project (Ag. Chem. News, 1/15/96)

Provado (imidacloprid) - Received Label

The Bayer insecticide Provado received an EPA label for use on Christmas trees to control aphids, adelgids and sawflies. (Ag. Chem. News, 1/15/96)

Ridomil (metalaxyl) - Label Addition

As a result of the IR-4 Project, Ciba can add 23 new species of ornamentals to their Ridomil fungicide label. (FR Vol. 60, 12/13/95) (Ag. Chem. News, 1/15/96)

Scimitar CS (lambda-cyhalothrin) - EPA Approval

Zeneca's insecticide Scimitar CS received EPA approval to use on golf courses to control turf insects such as japanese beetle, mole crickets, army worm and chinch bugs. (Ag. Chem. News, 1/15/96)

Surflan (oryzalin) - Label Addition

As a result of the IR-4 Project, Dow Elanco's Surflan herbicide can add 65 new ornamental species to the label. (Agricultural News, 1/15/96)

Turfcide 400/Terraclor 400 (PCNB) - Expanded Label

Uniroyal's Turfcide 400 / Terraclor 400 herbicide received an expanded label from the EPA to increase the number of landscape planting and cut flower species it can be used on. It can also be used on vegetable bedding plants. (Ag. Chem. News, 2/15/96)

MULTIPLE COMMODITIES

Early Harvest PGR (cytokinins/GA/IBA) - New PGR

Griffin has a new growth regulator for usage on vegetables, citrus, strawberries, cotton, corn, sorghum, peanuts, soybeans, sugarbeets, rice, wheat and turfgrass. (Ag. Chem. News, 2/15/96)

Gemstar LC (Helicoverpa zea NPV) - New Insecticide

Gemstar LC by Biosys is a new biological insecticide used to control corn earworms, tobacco budworms on vegetables, field crops and ornamentals. (Ag. Chem. News, 2/15/96)

Ignite (glufosinate-ammonium) - Residue Tolerances

EPA established several residue tolerances for AgrEvo's herbicide Ignite. They include: almond hulls, grapes and apples at 0.5 ppm, tree nut group at 0.1 ppm, milk at 0.02 ppm, meat by products of livestock at 0.1 ppm and meat and fat of livestock at 0.05 ppm. (FR Vol. 60, 12/13/95) (Ag. Chem. News, 1/15/96)

Pounce (permethrin) - Re-entry Interval Changed

The FMC Pounce insecticide changed the re-entry interval from 24 hours to 12 hours. (Ag. Chem. News, 1/15/96)

Cancellations

The following registrants have notified EPA that they wish to voluntarily cancel the following registrations. Unless requests are withdrawn by June 6, 1996, orders will be issued cancelling all of these registrations.

1. **Aquaquat (diquat dibromide)** by Aquacide Co., EPA Reg #5080-4.
2. **Disinfectant Spray "H" (ethanol)** by CCL Custom Mfg, EPA Reg #11525-31.
3. **Green Light tomato & Vegetable Garden Dust (Rotenone)** by Green Light Co., EPA Reg # 869-15.
4. **Rockland Homeowner Vegetable-Tomato Dust (Rotenone and cube resins other than rotenone)** by Rockland Corp., EPA Reg # 572-57.

Deletion

Deletion of certain uses from pesticide labels. Unless requests are withdrawn, deletions become effective on May 28, June 4 or June 6, 1996

1. **Clean Crop Malathion 8EC Insecticide** (malathion) by Platte Chemical Co., EPA Reg #34704-119. Uses deleted: almonds, apples, cranberries, dates, filberts, pears, plums, quinces, inside buildings, stored grain, field & garden seeds, bagged citrus pulp, baffed surface treatment.
2. **Clean Crop Malathion 57EC** (malathion), Platte Chemical Co., EPA Reg. # 34704-108. Uses deleted: almonds, apples, cowpea hay, filberts, peanuts, pears, plums, prunes, quinces, safflower, soybeans, strawberries, tobacco, stored commodity treatment, animal uses, bagged citrus pulp.
3. **Clean Crop Malathion ULV Concentrate Insecticide** (malathion) by Platte Chemical Co., EPA Reg # 34704-18. Uses deleted: safflower, soybeans, sugar beets, beef cattle feed lots & holding pens, non-agricultural lands, tomatoes, forestry.
4. **Clean Crop Malathion / Methoxychlor Spray** (malathion/methoxychlor) by Platte Chemical Co., EPA Reg #34704-205. Uses deleted: mosquito control on beaches, cranberries, dumps, elevator tunnels, farm buildings, freight cars, grain storage bins, grain trucks, mushroom houses, non-agricultural land, peanut warehouses, pet bedding, public parks, ships' holds, standing water, acreage & aerial application.

5. **Clean Crop Malathion ULV Concentrate Insecticide** (malathion) by Platte Chemical Co., EPA Reg # 34704-565. Uses deleted: flax, peas, safflower, soybeans, sugar beets, tomatoes, beef cattle feed lots & holding pens, forestry.
6. **Clean Crop Methoxychlor 2EC** (methoxychlor) by Platte Chemical Co., EPA Reg # 34704-102. Uses deleted: mosquito control on beaches, cranberries, dumps, elevator tunnels, farm buildings, freight cars, grain storage bins, grain trucks, mushroom houses, non-agricultural land, peanut warehouses, pet bedding, public parks, ships' holds, standing water, acreage and aerial application.
7. **Green Light Rotenone** (rotenone) by Green Light Co., EPA Reg # 869-186. Uses deleted: vegetables and fruit uses.
8. **Hopkins Malathion 57% emulsifiable Liquid Insecticide B** (malathion) by Haco, Inc., EPA Reg # 2393-280. Uses deleted: almonds, apples, cowpea hay, filberts, peanuts, pears, plums, prunes, quinces, safflower, soybeans, sweet potatoes, tobacco, commercial greenhouses uses, forest crops, household uses, domestic pets, in and around house, dairies, food processing plants, livestock uses, stored products, in & around wineries, processing plants.
9. **Methoxychlor Emulsifiable Concentrate** (methoxychlor) by Universal Cooperatives, EPA Reg# 1386-352. Uses deleted: grain storage bins.
10. **Methoxychlor Emulsion Concentrate** (methoxychlor) PBI/Gordon Corp., EPA Reg # 2217-131. Uses deleted: aerial apps., beaches, standing water, mosquito breeding areas, farm buildings, grain storage bins, elevator tunnels, peanut warehouses, freight cars, grain trucks, ships' hulls, cranberries, asparagus.
11. **Prentox 2 LB. Methoxychlor Spray** (methoxychlor) by Prentiss Inc., EPA Reg # 655-742. Uses deleted: forage crops, grain storage bins, mosquito control, aircraft spraying.
12. **Quick-Killing Bug Spray** (allethrin) by Amway Corporation, EPA Reg#6718-20. Uses deleted: ornamental & house plant use.
13. **Respond w/SBP-1382 Liquid Insecticide Spray 0.5% formula III** (resmethrin) by AgrEvo Environmental Health, EPAReg#432-634. Uses deleted: thermal application outdoors.
14. **ULD BP-50 Insecticide, EPA Reg#11540-13 and ULD BP-100 Insecticide, EPAReg#11540-1** (all piperonyl butoxide, pyrethrins) by Micro-Gen Equipment Corp. Uses deleted: greenhouses & horticultural nurseries.
15. **Unicorn Flea & Tick Powder for Dogs & Cats #3** (methoxychlor), Unicorn Labs. EPA Reg#28293-14. Uses deleted: pet bedding use. (Various Register Notices)

Psst.....

You'd sent your pizza back at most restaurants if you discovered it had bugs on it, right? Well in the UC, Davis, Entomology 111 class, you'd likely send it back if it didn't. Andy McClelland's students partake of the crunchy cuisine as part of their "bug feast" while they study the effect insects have on humans. We can imagine a few of the effects ourselves, but McClelland says bugs are actually on the menu in countries around the globe. In addition to pizza, the daring student chefs are also bugging their brownies, cookies and spinach quiche. But what do you use to wash it down? Bug Light?

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