

PESTICIDE REPORTS

Division of Agricultural Sciences and Natural Resources • Oklahoma State University
<http://pested.okstate.edu>



JULY, 2010

CHEM

- 1 Jim Criswell Retires
- 2 Quarantine Exemption
- 2 GM Alfalfa
- 2 Makhteshim Acquires Albaugh
- 2 Thiamethoxam Tolerance
- 3 Endosulfan
- 3 Registration Review Schedule (Atrazine)
- 4 Pesticide Product Registrations
- 4 2-(Hydroxymethyl)
- 5 Poisoning Victims United
- 6 In State CEU Meetings
- 7 Online CEU Links
- 7 ODAFF Test Session Dates

Jim Criswell Retires



After 32 years of dedicated service to Oklahoma State University, Oklahoma Cooperative Extension Service and the State of Oklahoma, Jim announced his retirement. Jim was a Pesticide Program Specialist from 1978 to 1987, Interim Pesticide Coordinator from 1987 - 1988 and Extension Pesticide Coordinator from 1988 to present. Jim has worked closely with many state organizations over the last 30 years. The Oklahoma Pest Control Association, Oklahoma Agriculture Aviators Association, Oklahoma Agribusiness Retailers Association, Certified Crop Advisers just to name a few. Jim was a major factor in helping to obtain funding for the Pinkston Educational Facility for Structural and Urban Pest Control. Although they have no immediate plans, Jim and Angela will no doubt have plenty of family and church activities to keep them busy. We wish them all the best. Jim's last day was June 30th.

QUARANTINE EXEMPTION

EPA has received a quarantine exemption request from EPA's, Office of Emergency Management, Office of Solid Waste and Emergency Response (OSWER) to use formaldehyde gas (CAS No. 82115-62-6) to decontaminate non-food contact surfaces to control *Bacillus anthracis*.

The applicant proposes the use of a new chemical which has not been registered by the EPA.

DATES: Comments must be received on or before July 15, 2010.

ADDRESSES: Submit your comments, identified by docket identification (ID) number EPA-HQ-OPP-2010-0420, by one of the following methods:

Federal eRulemaking Portal:

<http://www.regulations.gov>.

Follow the on-line instructions for submitting comments. Mail: Office of Pesticide Programs (OPP) Regulatory Public Docket (7502P), Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460-0001.

GM ALFALFA

GM ALFALFA OK, SAYS SUPREME COURT.

The U.S. Supreme Court in a 7-1 opinion this week formally lifted a lower court's ban on the sale of Monsanto's genetically modified alfalfa.

Environmental groups and some farmers had won an injunction against sale of the seed until after USDA had completed a full environmental impact study. In releasing the seed for sale, the high court said the U.S. District Court in San Francisco "abused its discretion" in enjoining USDA's Animal & Plant Health Inspection Service (APHIS) from "effecting a partial deregulation and in prohibiting the possibility of planting in accordance with that deregulation." Monsanto argued the lower court's suggestion that continued planting of Roundup Ready alfalfa could eliminate the availability of conventional alfalfa is "bad science fiction with support in the record." The Supreme Court decision sets precedent for future actions against biotech crops, but it also raises the bar for activist groups which sue to prevent technology advances based on so-called environmental concerns.

MAKHTESHIM ACQUIRES ALBAUGH

The Makhteshim Agan Group will acquire US generic crop protection company Albaugh for \$1 billion.

The world's largest generic crop protection product manufacturer, Makhteshim Agan Industries (MAI), will buy Iowa, US-based [Albaugh](#), which also produces generic agrochemicals for \$1 billion, according to an MAI [press release](#). Albaugh is a leading generics producer in the US, Mexico, Argentina and Brazil.

Yesterday, MAI signed a letter of intent to pay \$340 million in cash, \$455 million in seven-year promissory notes and \$59 million of its own shares equivalent to a 12% stake worth \$211 million. The deal has been approved by the boards of both companies. MAI -- a subsidiary of Koor Industries, which is part of Nochi Dankner's IDB Holding -- had sales of \$2.2 billion in 2009. The combined company will have the potential to realize \$50 million to \$60 million in synergies, said MAI, which cited key benefits of the transaction as: penetration into North American markets; market-leading, low-cost operations in Latin America with existing sales and distribution relationships; significant product cross-selling opportunities; improved production capabilities in major and growing molecules; and improved cost structure of active ingredients and products markets. The deal is expected to close in the fourth quarter 2010, subject to the completion of due diligence and regulatory approvals in the US, Europe and other countries. MAI expects the acquisition to be profitable within a year of closing, on a non-GAAP basis. CropLife e-news, June 2010

THIAMETHOXAM TOLERANCES

Thiamethoxam; Pesticide Tolerances

Date of publication: June 23, 2010

Citation: Volume 75, Number 120; Page 35653-35660 <http://edocket.access.gpo.gov/2010/2010-15035.htm>

Purpose: This regulation establishes tolerances for residues of thiamethoxam in or on onion, dry bulb. Syngenta Crop Protection, Inc requested these

tolerances under the Federal Food, Drug, and Cosmetic Act.

Chemical(s): Thiamethoxam

Comments: EPA has established a docket for this action under docket identified number EPA-HQ-OPP-2009-0737. This regulation is effective June 23, 2010. Objections and requests for hearings must be received on or before August 23, 2010, and must be filed in accordance with the instructions provided in 40 CFR part 178.

Contact: Julie Chao, Registration Division (7505P), Office of Pesticide Programs, telephone number: (703) 308-8735; e-mail address: chao.julie@epa.gov.

ENDOSULFAN

EPA Moves to Terminate All Uses of Insecticide Endosulfan to Protect Health of Farmworkers and Wildlife

WASHINGTON - The U.S. Environmental Protection Agency (EPA) is taking action to end all uses of the insecticide endosulfan in the United States.

Endosulfan, which is used on vegetables, fruits, and cotton, can pose unacceptable neurological and reproductive risks to farmworkers and wildlife and can persist in the environment.

New data generated in response to the agency's 2002 decision have shown that risks faced by workers are greater than previously known. EPA also finds that there are risks above the agency's level of concern to aquatic and terrestrial wildlife, as well as to birds and mammals that consume aquatic prey which have ingested endosulfan. Farmworkers can be exposed to endosulfan through inhalation and contact with the skin. Endosulfan is used on a very small percentage of the U.S. food supply and does not present a risk to human health from dietary exposure.

Makhteshim Agan of North America, the manufacturer of endosulfan, is in discussions with EPA to voluntarily terminate all endosulfan uses. EPA is currently working out the details of the decision that will eliminate all endosulfan uses, while incorporating consideration of the needs for growers to timely move to lower-risk pest control practices.

Under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), EPA must consider endosulfan's risks and benefits. While EPA implemented various restrictions in a 2002 re-registration decision, EPA's phaseout is based on new

data and scientific peer review, which have improved EPA's assessment of the ecological and worker risks from endosulfan. EPA's 2010 revised ecological risk assessment reflects a comprehensive review of all available exposure and ecological effects information for endosulfan, including independent external peer-reviewed recommendations made by the endosulfan Scientific Advisory Panel.

Endosulfan, an organochlorine insecticide first registered in the 1950s, also is used on ornamental shrubs, trees, and herbaceous plants. It has no residential uses.

For more information:

<http://www.epa.gov/pesticides/reregistration/endo-sulfan/endosulfan-cancl-fs.html>

REGISTRATION REVIEW SCHEDULE (TRIAZINES, FUMIGANTS MOVED UP)

Registration Review Schedule/Program Update Information Available

EPA has issued an updated schedule for the registration review program, the periodic review of all registered pesticides mandated by the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The updated schedule provides the timetable for opening public dockets for the next four years of the registration review program, from fiscal year (FY) 2010 to 2013, and includes information on dockets that opened in FY 2007 through FY 2009. The schedule reflects the Agency's plan to continue to open about 70 new dockets each year through 2017. Following this schedule, EPA will complete the first 15-year cycle of registration review by October 1, 2022, for all pesticides registered as of October 1, 2007.

The registration review schedule for FY 2010 to 2013 reflects EPA's decision to review all pesticides in two additional groups - the fumigants and the triazines - within the same time frame. In recent years, the Agency moved the fumigants and triazines ahead in the schedule so that dockets for all pesticides in these groups will open in FY 2013. While EPA is implementing risk mitigation decisions for the soil fumigants, new research is underway to address current data gaps and to refine the understanding of factors that affect how fumigants move in the environment. New methods and technologies for fumigation are emerging. By moving the soil

fumigants forward in registration review from 2017 to 2013, the Agency will be able to consider new data and new technologies sooner, determine whether mitigation included in its decisions is effectively addressing risks as EPA believes it will, and include other fumigants that were not part of the reregistration review of these pesticides.

EPA initiated a reevaluation of the triazine pesticide atrazine in fall 2009. Given the availability of new scientific information as well as the documented presence of atrazine in both drinking water sources and other bodies of water, EPA has determined it appropriate to consider the new research and ensure that the Agency's regulatory decisions about atrazine protect health and the environment. EPA's reevaluation process is based on transparency and sound science, including independent scientific peer review. The current atrazine reevaluation will help address aspects of the atrazine registration review scheduled to begin in 2013 that involve human health risk assessment. As a result, the current reevaluation should reduce the scope and resources needed to complete the atrazine registration review.

EPA is announcing the updated schedule as provided in Sections 155.42(d) and 155.44 of the Procedural Regulations for Registration Review: Final Rule (document EPA-HQ-OPP-2004-0404-0052 at www.regulations.gov). The Agency may consider issues raised by the public or registrant when reviewing a posted schedule, to schedule a pesticide registration review, or to modify the schedule of a pesticide registration review as appropriate. This schedule will be updated at least once a year.

The updated Schedule for Beginning Reviews and an explanation of the schedule are available at: http://www.epa.gov/oppsrrd1/registration_review/schedule.htm.

Information about the status of individual pesticides in registration review is available at: http://www.epa.gov/oppsrrd1/registration_review/registration_status.htm.

Information about the registration review program is available at: http://www.epa.gov/oppsrrd1/registration_review/index.htm.

PESTICIDE PRODUCT REGISTRATIONS; CONDITIONAL APPROVALS

Date of publication: June 23, 2010

Citation: Volume 75, Number 120; Page 35805-35807 <http://edocket.access.gpo.gov/2010/2010-15207.htm>

Purpose: This notice announces the Agency's issuance, pursuant to the provisions of section 3(c)(7)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, of conditional registrations for the pesticide products, MON 89034 and MON 89034 x MON 88017, containing active ingredients that were not in any registered pesticide products at the time of their respective submissions.

Chemical(s): *Bacillus thuringiensis*

Comments: EPA has established a docket for this action under docket identification number EPA-HQ-OPP-2007-0208.

Contact: Susanne Cerrelli, Biopesticides and Pollution Prevention Division (7511P), Office of Pesticide Programs, telephone number: (703) 3088077; e-mail address: cerrelli.susanne@epa.gov.

2-(Hydroxymethyl)-2-nitro-1, 3-propanediol (Tris Nitro);

Notice of Receipt of Request to Voluntarily Amend Registrations to Terminate Certain Uses Date of publication: June 23, 2010

Citation: Volume 75, Number 120; Page 35807-35810 <http://edocket.access.gpo.gov/2010/2010-15209.htm>

Purpose: In accordance with section 6(f)(1) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, EPA is issuing a notice of receipt of a request by the registrant to voluntarily amend its 2(hydroxymethyl)-2-nitro-1,3- propanediol (tris nitro) product registrations to terminate or delete one or more uses. The request would delete 2(hydroxymethyl)-2-nitro-1, 3-propanediol (tris nitro) use in or on metalworking fluids; latex paints; resin/latex/polymer emulsions; specialty industrial products; livestock and poultry premises; paints, emulsions and thickener solutions; use as a preservative for packaged emulsions, solutions, or suspensions such as detergents and polishes containing water; use in pulp and paper-mill process water systems. The request would not terminate the last 2(hydroxymethyl)-2-nitro-1, 3-propanediol (tris nitro) products registered for use in the United States. EPA intends to grant this request at the close of the comment period for this announcement

unless the Agency receives substantive comments within the comment period that would merit its further review of the request, or unless the registrant withdraws its request. If this request is granted, any sale, distribution, or use of products listed in this notice will be permitted after the uses are deleted only if such sale, distribution, or use is consistent with the terms as described in the final order.

Chemical(s): 2-(Hydroxymethyl)-2-nitro-1, 3-propanediol (Tris Nitro)

Comments: Submit your comments identified by the docket identification EPA-HQ-OPP-2009-0639 by one of the methods listed in the Federal Register Notice. Comments must be received on or before July 23, 2010.

Contact: Rebecca Von-Dem Hagen, Antimicrobials Division (7501P), Office of Pesticide Programs, telephone number: (703) 3056785; fax number: (703)308-8481; e-mail address: vondem-hagen.rebecca@epa.gov.

PESTICIDE POISONING VICTIMS UNITED PETITION

SUMMARY: EPA issued a notice in the Federal Register of April 28, 2010, concerning a petition from Pesticide Poisoning Victims United that asks the Agency to undertake a number of actions to protect potentially affected individuals in Lane County, OR from pesticides applied to surrounding forestlands. This document extends the comment period for 45 days, from June 28, 2010, to August 12, 2010.

DATES: Comments, identified by docket identification (ID) number EPA-HQ-OPP-2010-0265, must be received on or before August 12, 2010.

ADDRESSES: Follow the detailed instructions as provided under ADDRESSES in the Federal Register document of April 28, 2010.

FOR FURTHER INFORMATION CONTACT: Jill Bloom, Pesticide Re-evaluation Division, Office of Pesticide Programs, Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460-0001; telephone number: (703) 308-8019; e-mail address: bloom.jill@epa.gov.

SUPPLEMENTARY INFORMATION: This document extends the public comment period established in the Federal Register of April 28, 2010 (75 FR 22401) (FRL-8822-8). EPA is hereby extending the comment period, which was set to end on June 28, 2010, to August 12, 2010.

To submit comments, or access the docket, please follow the detailed instructions as provided under ADDRESSES in the April 28, 2010 Federal Register document. If you have questions, consult the person listed under FOR FURTHER INFORMATION CONTACT.

In-State CEU Meetings

Date: July 20th
Title: Lawn Care Pest Management Program
Location: Tulsa, OK
Contact: Ag Conference (405) 744 6489
To Register:
<http://pested.okstate.edu/practical.htm>
Course #: OK-10-050
CEU's: 3 each
Category(s): 8- Ornamental & Turf
10- Demo & Research

Date: July 21st
Title: Lawn Care Pest Management Program
Location: Oklahoma City, OK
Contact: Ag Conference (405) 744 6489
To Register:
<http://pested.okstate.edu/practical.htm>
Course #: OK-10-050
CEU's: 3 each
Category(s): 8- Ornamental & Turf
10- Demo & Research

Date: July 22
Title: BWI's Summer Seminar
Location: Broken Arrow, OK
Contact: Kelly Keech (918)693-6461
To Register:
Course #: OK-10-052
CEU's: Category(s):
2 3c Nursery/Greenhouse
3 10 Demonstration & Research

Date: August 10, 2010
Title: AIB/FISA Recertification Seminar
Location: Kansas City, MO
Contact: Paul Laughlin (913) 782-6399
To Register:
Course #:

<u>CEU's:</u>		<u>Category(s)</u>
8	7a	General Pest
4	7c	Fumigation
8	10	Demonstration/Research
2	11	Bird & Predatory Animal

Date: August 11, 2010
Title: AIB/FISA Recertification Seminar
Location: Kansas City, MO
Contact: Paul Laughlin (913) 782-6399
To Register:
Course #:

<u>CEU's:</u>		<u>Category(s)</u>
5	7a	General Pest
3	7c	Fumigation
5	10	Demonstration/Research

Date: Ongoing
Title: Principles of Turfgrass Management
Location: Correspondence Course
Contact: Phyliss Brewer (706) 542-6692
To Register:
Course #:

<u>CEU's:</u>		<u>Category(s)</u>
4	3a	Ornamental & Turf
4	10	Demonstration & Research

Date: August 19
Title: CTN
Location: Oklahoma City, OK
Contact: Tommy Kezar (512) 829-5114
To Register:
Course #:
CEU's: 1 in each of the following categories
Category(s): 5, Aquatic; 8, Public Health; 10, Demonstration/Research; 7b Structural Pest; 7a, General Pest; 3a, Ornamental/Turf.

Date: September 20 - 22
Title: OKVMA's Fall Training
Location: Oklahoma City, OK
Contact: Kathy Markham (918) 256-9302
To Register:
Course #:

<u>CEU's:</u>		<u>Category(s)</u>
General Session		
3	5, Aquatic; 6, Right of Way; 10, D&R	
1	3a, Ornamental/Turf	
Vegetation Management Session		
3	6, Right of Way; 10, D&R;	
2	5, Aquatic & 1 3a, O&T	

DAFF Approved Online CEU Course Links

Wood Destroying Organism Inspection Course
www.nachi.org/wdocourse.htm

CTN Educational Services Inc
http://www.ctnedu.com/oklahoma_applicator.html

Pest Network
<http://www.pestnetwork.com/>

Univar USA
<http://www.pestweb.com/>

Southwest Farm Press Spray Drift Mgmt
<http://www.pentonag.com/nationalsdm>

SW Farm Press Weed Resistance Mgmt in Cotton
<http://www.pentonag.com/CottonWRM>

For more information and an updated list of CEU meetings, click on this link:
<http://www.state.ok.us/~okag/cps-ceuhome.htm>

ODAFF Test Information

Testing Dates and Locations
Pesticide applicator test sessions for July. / August. 2010 are as follows:

July		August	
8	Tulsa	9	Tulsa
12	OKC	12	OKC
22	Tulsa	23	Tulsa
26	OKC	26	OKC

Altus:	Western OK State College 2801 N Main, Room A23
Enid:	Garfield County Extension Office, 316 E. Oxford.
Goodwell:	Okla. Panhandle Research & Extension Center, Rt. 1 Box 86M
Hobart:	Kiowa County Extension Center Courthouse Annex, 302 N. Lincoln
Lawton:	Great Plains Coliseum, Annex Rm. 920 S. Sheridan Road.
McAlester:	Kiamichi Tech Center on Highway 270 W of HWY 69
OKC:	Oklahoma County Extension Office, 930 N. Portland.
Tulsa:	NE Campus of Tulsa Community College, (Apache & Harvard) Large Auditorium

**Pesticide Safety
Education Program**