

PESTICIDE REPORTS

Division of Agricultural Sciences and Natural Resources • Oklahoma State University

<http://pested.okstate.edu>



JANUARY 2009

CHEM

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NEWSLETTER RENEWALS

It is time to renew subscriptions to *Pesticide Reports*.

If you want to continue to receive this newsletter, please complete the form at the end of this newsletter and either mail it or e-mail it to us. If you do not return this form, we are required to drop you from our mailing list. (OSU PSEP)

NAPHTHALENE RED

EPA has issued its Reregistration Eligibility Decision for naphthalene.

EPA has determined that naphthalene can be reregistered if the companies will make minor changes in formulations.

All indoor uses will be packaged in either sachets that are tear proof or in plastic containers that allow for volatilization but prohibit direct contact with the naphthalene. Indoor uses can also be formulated into cake or block products that have a minimum of 2.5 inches in diameter. Registrants have indicated they will market the cake/block formulations in containers also.

Outdoor uses will be marketed as 2.5 inches in diameter cakes or blocks also.

These new repackaging requirements are to go into effect September 30, 2013. (EPA-HQ-OPP-2008-0343 Docket)

MORE ON AGENT ORANGE

The Department of Veterans Affairs has decided that there is an association between exposure to Agent Orange and AL amyloidosis – a condition marked by the abnormal deposition of a protein in various body tissues – and is proposing to amend regulations to establish a presumptive service connection for the condition and exposure to the herbicide.

The VA currently presumes a service connection for 11 categories of disease based on exposure to Agent Orange: chloracne, Type 2 diabetes, Hodgkin's disease, chronic lymphocytic leukemia,

multiple myeloma, non-Hodgkin's lymphoma, acute and subacute peripheral neuropathy, porphyria, prostate cancer, respiratory cancers, and soft-tissue sarcoma. (Pesticide & Toxic Chemical News, Vol. 37 No 2, November 10, 2008)

MORE ON AG-MART

Three current and former Ag-Mart farm workers have told the North Carolina Pesticide Board that they were never exposed to pesticides. The board is considering whether the tomato grower, which state officials say forced workers into freshly-sprayed fields, is guilty of around 200 worker safety violations. (Pesticide & Toxic Chemical News, Vol. 37 No 2, November 10, 2008) **NOTE:** Ag-Mart received large fines in NC and FL for WPS violations.

EU VOTES BAN ON DANGEROUS PESTICIDES

Members of the European Parliament (MEPs) voted to ban pesticides that are endocrine disrupting, genotoxic, carcinogenic or toxic to reproduction – rejecting criticism that the ban could lead to increased food prices or even shortages. They also voted to ban products that are developmentally neurotoxic and immunotoxic if they pose a significant risk.

In the second reading at the committee stage, MEPs rejected the European Commission's idea of dividing Europe into three zones for authorization.

Under the amendments agreed, if a substance is needed to combat a serious danger to plant health, it may be approved for up to four years if it does not meet safety criteria. This is a tightening up of the proposal in the common position from the European Council that had no time limit, but

it is a compromise in case a particular farming industry faces a serious problem.

Chemicals will be approved at the EU level for different time periods depending on their toxicity. Products containing certain hazardous substances, candidates for substitution, are to be replaced if safer alternatives are shown to exist. (Pesticide & Toxic Chemical News, Vol. 37 No 2, November 10, 2008)

CREOSOTE, CCA & PENTA WOOD TREATMENTS

EPA has issued its Reregistration Eligibility Decision for creosote, chromated arsenicals and pentachlorophenol wood preservatives.

There are some major changes on how these products can be used during the pressure treating process.

After December 31, 2013 treatment use restrictions include mechanical methods must be used to replace/remove bridge rails for creosote, chromated arsenicals and pentachlorophenol.

All persons handling treated wood must wear washable or disposal coveralls or long-sleeve shirt and long pants, chemical resistant gloves, and sock plus industrial grade safety work boots with chemical resistant soles. (Federal Register, November 19, 2008)

NANOSCALE SILVER

EPA has issued a notice on rulemaking to classify nanoparticle silver as a pesticide. A nano is one billionth of a meter.

Nano-silver products are being used to manage bacteria and other microorganisms on such items as door handles and other such surfaces.

Several advocacy groups petitioned EPA to consider this rulemaking. These groups are asking that EPA to consider such

products as pesticides. This would require these products to go through the regulatory process as other pesticides. (Federal Register, November 19, 2008)

HERBICIDE-FERTILIZER MIXTURES BANNED

In an effort to protect water quality, Alberta Environment Minister Rob Renner announced that herbicide—fertilizer combination products will no longer be sold in the province beginning January 1, 2010. Products for spot application to weeds will still be permitted. “We need to take steps wherever possible to protect and preserve the quality of Alberta’s rivers and lakes,” Renner said. “By eliminating products that encourage mass application, we will reduce the amount of chemical runoff in our waterways.” (Pesticide & Toxic Chemical News, Vol. 37 No 3, November 17, 2008)

ONTARIO BEGINS CONSULTATIONS ON COSMETIC PESTICIDE BAN

The Ontario government is seeking public comment on proposed regulations to implement its ban on the use of home and garden pesticides.

The regulations are “tough but workable and send a strong signal to industry about the types of innovative low-risk products we want on Ontario’s store shelves,” said Environment Minister John Gerretsen. “The Ontario government believes the use of pesticides merely to improve the appearance of lawns, gardens, parks and school yards is an unnecessary risk to children, pets and our water supply, especially when one can have a beautiful lawn and garden without chemicals.”

The regulation supports the ban on non-essential use of pesticides but not outlawing all products. However, the term “essential” is not defined.

The rules preclude the use of chemical pesticides for pest infestations on lawns, gardens, parks, school yards, cemeteries and other outdoor public areas as lower risk alternatives currently exist, a backgrounder on the regulations says. However, they can still be used to control “plants that are poisonous to touch (e.g. poison ivy), animals that bite, sting, are venomous or are disease-carrying (e.g. mosquitoes) and animals or plants that may cause significant damage to a structure or infrastructure (e.g. termites).

They can also be used to maintain safe working conditions on highways, railways, power works, gas works, water works and other utilities, the backgrounder says. Golf courses must maintain Integrated Pest Management accreditation, document their annual pesticide use and hold public meetings about their pesticide reduction efforts. Sport fields used for national or international level competitions can be treated with pesticides. Only licensed exterminators will be permitted to spray conventional pesticides on infected trees under certain condition. Noxious weeds and plant diseases listed under federal rules can also be treated with pesticides. (Pesticide & Toxic Chemical News, Vol. 37 No 5, December 1, 2008)

METHYL BROMIDE STATUS

Charles Luper with the PSEP program attended the Southern Region IPM Center meeting. Among the updates was the status of methyl bromide.

The U.S. was authorized 91% of its request for critical use allocations for 2008. This represents 21% of the nation’s 1991 baseline consumption.

The major users of methyl bromide in the U.S. are post harvest, food processors, cucurbits, strawberry fruit, tomatoes, forest seedlings, and orchard replant. Post harvest allocations are down 68%, food processors down 34%, cucurbits down 17%, strawberry fruits down 11% tomatoes down 20% forest seedlings down 4% and orchard replant down 28%.

The largest decreases were for ham (<77%), post harvest (<68%), and nursery stock (<60%).

The overall methyl bromide available is decreasing each year and the costs of fumigations with methyl bromide are increasing due to the limited supply. (OSU PSEP)

REGISTRATION STATUS

Among the information Charles Luper obtained from the Southern Region IPM Center meeting was the status of a number of pesticide registration questions.

EPA appears to be allowing tobacco, coffee and pecans to remain on the aldicarb (Temik) label. Ornamental usage will be removed.

EPA is still reviewing data on atrazine but agrees that atrazine does not impact amphibian gonadal development nor likely cause cancer in humans.

For carbaryl (Sevin), EPA and the companies are altering the bee warning statements on the label. Among the changes are likely to be requiring notification of beekeepers within one mile of the treated area at least 48 hours before application and limiting applications to times when bees are least active, e.g. within two hours of sunrise or sunset.

EPA is reviewing all pesticides and their potential impact on pollinators.

Carbofuran (Furadan) is up in the air due to EPA's action to cancel all tolerances without canceling uses. FMC is proposing to retain uses on corn, potatoes, sunflowers, pumpkins, pine seedlings, and spinach

grown for seed. All other uses are likely to be canceled. EPA is reviewing the risk assessment for these uses.

EPA seems to be in agreement to allow MSMA use on sod, golf/turf and cotton. This is still being negotiated. (OSU PSEP)

ADVICE FOR OBAMA

Several advocacy groups have provided suggestions to President-elect Obama on the environment. The 391 page document covers basically every cabinet and department within the federal government.

They suggest USDA Wildlife Services reform by "...increasing their field use of non-lethal methods on native birds and mammalian predators (as tested by their research branch) and by increasing their focus on control of exotic invasive vertebrate species, such as House Sparrow, European Starlings, Rock Doves, feral pigs and nutria." They have recommendations for regulating genetically engineered crops, conservation practices, having NASS collect pesticide use data and other agricultural activities.

For FDA they advocate increasing the testing of food for pesticide residues. They also advocate bolstering the Endangered Species Act under the Department of Interior.

For EPA they address clean air and water as well as reduced pesticide use in schools and public places.

The full report can be obtained at the following web site:
<http://www.saveourevironment.org/assets/transition-to-green-full-report.pdf> (Food Industry Environmental Network, November 25, 2008)

MALATHION CANCELLATIONS

Back in November, we reported on the proposed cancellation of malathion uses in or on commercial storages/warehouses

premises (excluding stored grain facilities such as silos), commercial transportation facilities – feed/food – empty commercial transportation facilities – commercial transportation facilities – non-feed/non-food, commercial/institutional/industrial premises/equipment (indoor), commercial/institutional/industrial premises/equipment (outdoor), dairies/cheese processing plant equipment (food contact), eating establishments, food processing plants (excluding stored grain), golf course turf, greenhouse – empty, indoor hard surfaces, indoor premises, residential dust formulations, residential lawns (broadcast), residential pressurized can formulations, and sewage systems.

EPA received very few comments on the proposed cancellation and has moved to cancel these uses. Therefore, EPA is canceling these uses of malathion. Persons with existing stock will be allowed to use that product according to label directions. (Federal Register, December 3, 2008)

JUDGE SWATS DOWN NY MOSQUITO SPRAYING CHALLENGE

A federal judge has dismissed a suit by conservationists that claimed a New York county government's mosquito control program – particularly its spraying of pesticides – violated the Clean Air Act.

The case centered on the ongoing efforts of Suffolk County – located on the eastern portion of Long Island – to kill mosquitoes as part of an effort to control West Nile Virus. The New York State Commissioner of Health has issued public health threats for the county based on the presence of West Nile Virus annually since 1999.

The county's Vector Control unit is responsible for controlling mosquito infestations, largely through a network of some 660 miles of ditches, fish reservoirs and pipes located in the wetlands of the

Peconic and South Shore estuary system. Along with the operation of the drainage ditches, Vector Control also conducts spraying of pesticides to control mosquitoes.

The Peconic Baykeeper group alleged the mosquito control program illegally discharged pollutants into the county's salt marshes in violation of the Clean Water Act's National Pollutant Discharge Elimination System (NPDES) permitting requirements.

The group also claimed the pesticide spraying is ineffective, unnecessary and responsible for recent fish kills.

The District Court Judge rejected cross motions for summary judgment noting that a July 2003 interim statement by EPA addressed the issue as it outlined the agency's conclusions that FIFRA-compliance negates the need for an NPDES permit. The agency further codified this position in a final statement in 2005 and then in a regulation issued November 2006. (Pesticide & Toxic Chemical News, Vol. 37 No 5, December 1, 2008)

MOUSE FERTILITY & GMOS

Controversy has erupted in Europe over study findings presented in Vienna, Austria showing that transgenic corn can adversely affect fertility rates in mice.

The study found that mice fed Monsanto's NK603Xmon810 transgenic corn variety for 20 weeks had fewer offspring in the third and fourth generations than controls fed conventional corn.

"GE food appears to be acting as a birth control agent, potentially leading to infertility," warns Jan van Aken, biotech expert at Greenpeace International, adding, "If this is not reason enough to close down the whole biotech industry once and for all, I am not sure what kind of disaster we are waiting for. Playing genetic roulette with

our food crops is like playing Russian roulette with consumers and public health.”

However, only the abstract has been published, and the paper hasn't been peer-reviewed or submitted for publication in a scientific journal. The study, conducted on behalf of the Austrian Agency for Health and Food Safety and the Ministry of Agriculture, looked at the long-term effects on health and reproductive rates of mice fed transgenic corn.

Regardless, lead author Jurgen Zentek, a professor at the University of Veterinary Science in Vienna, says the differences are statistically significant, concluding that mice in a control group fed non-biotech corn reproduced more efficiently due to their diet. (Pesticide & Toxic Chemical News, Vol. 37 No 4, November 24, 2008)

PESTICIDE VOLATILITY

At the recent State FIFRA, Issues, Regulatory, and Evaluation Group (SFIREG) meeting consisting of State Lead Agency (SLA) and EPA, pesticide volatility was discussed.

SFIREG's Water Quality committee is expanding to address pesticide air issues and specifically volatility. This appears to be driven by California's concerns. It is also being championed by advocacy groups such as PANA who are conducting the drift catcher programs around schools.

EPA stated that during registration review, that volatility will be one of the major review criteria for a pesticide. (OSU PSEP)

REGISTRANT STEWARDSHIP PROGRAMS

EPA continues to favor registrant stewardship programs outside of existing state Certification & Training programs.

Most of these stewardship programs are for pesticide use and would be conducted by the registrant. An applicator would be required to attend the program before using the pesticide. The pesticide could be purchased without attending a stewardship program. SLAs favor the stewardship programs being conducted within the realm of existing Certification & Training programs. (OSU PSEP).

PESTICIDE MISUSE

Misuse of pesticides has far reaching affects on all applicators. The Center for Disease Control (CDC) recently published data on exposures to insect foggers. As a result New York State wants to take strong action with the registrants and commercial applicators using foggers even though almost all the incidents were from homeowners and not commercial applications.

Similar situations occur with other pesticides. The concerns of pyrethroids in California streams is attributed to homeowner use, however, the regulations are for both commercial residential and agriculture uses of the pesticides.

The take home message is use the products according to label directions. (OSU PSEP)



Jim T Criswell
Pesticide Coordinator

PESTICIDE APPLICATOR TEST SESSIONS

JANUARY 2009

All 23 exams will be available at each session. **PLEASE MAKE SURE** you know in advance which specific exam(s) you need to take (e.g. Service Tech, Ornamental & Turf, Core, Right-of-way, General Pest, etc.).

RESERVATIONS ARE NOT REQUIRED FOR THESE TEST SESSIONS; they are all open to anyone wishing to test for certification. Tests are \$50.00 each; please bring check, money order or the exact amount of cash needed for testing, along with a form of photo ID. There is no fee for government employees in the discharge of their official duties.

Unless otherwise noted, sessions are located as follows:

ALTUS	WESTERN OK STATE COLLEGE 2801 N MAIN, RM A23
ENID	GARFIELD CO. EXT OFFICE 316 E. Oxford
GOODWELL	OKLA PANHANDLE RESEARCH & EXT CENTER Rt. 1 Box 86M
HOBART	KIOWA CO. FAIRGROUNDS Exhibit Building
LAWTON	GREAT PLAINS COLISEUM Annex Rm 920 S. Sheridan Rd.
McALESTER	KIAMICHI TECH CENTER on HWY 270 W of HWY 69
OKC	OKLA CO. EXT 930 N. Portland, Auditorium - <u>Park & enter</u> from the North side
TULSA	NE CAMPUS OF TCC 3727 E. Apache (Apache & Harvard) Engineering Tech Rm. 127

If you have any questions, please call (405) 522-5950 or e-mail
eva.landeros@oda.state.ok.us

**Testing will begin at 9:00 am. NO NEW APPLICANTS WILL BE ACCEPTED AFTER
11 AM.**

ALL TESTS must be completed by 1:00 pm

2009 Test Sessions

JANUARY		MAY		SEPTEMBER	
5	OKC	4	OKC	3	ALTUS
8	TULSA	14	TULSA	10	TULSA
12	MCALESTER	18	OKC	14	OKC
20	OKC	28	TULSA	17	TULSA
22	TULSA			28	OKC
FEBRUARY		JUNE		OCTOBER	
9	OKC	2	GOODWEL	1	HOBART
12	TULSA	11	TULSA	8	TULSA
18	LAWTON	15	OKC	12	OKC
24	OKC	25	TULSA	19	ALTUS
29	TULSA	25	ENID	22	TULSA
				26	OKC
MARCH		JULY		NOVEMBER	
2	MCALESTER	6	OKC	3	GOODWELL
3	GOODWELL	9	TULSA	5	TULSA
5	ENID	20	OKC	5	HOBART
12	TULSA	23	TULSA	5	OKC
12	OKC			12	LAWTON
23	OKC			19	TULSA
28	TULSA			23	OKC
APRIL		AUGUST		DECEMBER	
6	OKC	10	OKC	3	TULSA
9	TULSA	13	TULSA	7	OKC
15	LAWTON	27	TULSA	10	ENID
20	OKC	27	ENID	17	TULSA
23	TULSA	31	OKC	28	OKC

OPPORTUNITIES TO EARN CEU'S

JANUARY 5-8, 2009

CATEGORY: 1a – AGRICULTURAL PLANT
CEU'S: PENDING
CATEGORY: 10 – DEMONSTRATION & RESEARCH
CEU'S: PENDING
SPONSOR: BELTWISE COTTON CONFERENCE
TOPIC: COTTON PEST MANAGEMENT
PLACE: SAN ANTONIO, TX
CONTACT: DEBBIE RICHTER
901.274.9030
FEE: YES

JANUARY 5-9, 2009

CATEGORY: 7a – GENERAL PEST
CEU'S: 10
CATEGORY: 7b – STRUCTURAL
CEU'S: 4
CATEGORY: 7c – FUMIGATION
CEU'S: 2
CATEGORY: 10 – DEMONSTRATION & RESEARCH
CEU'S: 10
CATEGORY: 11 – BIRD & PREDATORY ANIMAL
CEU'S: 1
SPONSOR: PURDUE UNIVERSITY
TOPIC: ANNUAL CONFERENCE
PLACE: WEST LAFAYETTE, IN
CONTACT: SANDRA STEPHENS-REEVES
765.494.5856
FEE: YES

JANUARY 6, 2009

CATEGORY: 3a – ORNAMENTAL & TURF
CEU'S: 2
CATEGORY: 10 – DEMONSTRATION & RESEARCH
CEU'S: 2
SPONSOR: WESTERN NURSERY & LANDSCAPE ASSOCIATION
TOPIC: ANNUAL CONVENTION
PLACE: OVERLAND PARK, KS
CONTACT: SARAH WOODY BIBENS
888.233.1876 X 701
FEE: YES

JANUARY 16, 2009

CATEGORY: 1a – AGRICULTURAL PLANT
CEU'S: PENDING
CATEGORY: 10 – DEMONSTRATION & RESEARCH
CEU'S: PENDING
SPONSOR: TEXAS A&M
TOPIC: CROP PRODUCTION CLINICI
PLACE: GOODWELL, OK
CONTACT: ALICIA LIHDAHL
806.935.2593
FEE: ?

JANUARY 19-21, 2009

CATEGORY: 1a – AGRICULTURAL PLANT
CEU'S: PENDING
CATEGORY: AERIAL
CEU'S: PENDING
CATEGORY: 10 – DEMONSTRATION & RESEARCH
CEU'S: PENDING
SPONSOR: OAAA
TOPIC: ANNUAL CONFERENCE
PLACE: BILTMORE HOTEL
401 S MERIDIAN
OKLAHOMA CITY, OK
CONTACT: SANDY WELLS
405.341.3548
FEE: YES

JANUARY 26-30, 2009

CATEGORY: 7a – GENERAL PEST
CEU'S: 8
CATEGORY: 7c – FUMIGATION
CEU'S: 6
CATEGORY: 10 – DEMONSTRATION & RESEARCH
CEU'S: 8
CATEGORY: 11 – BIRD & PREDATORY ANIMAL
CEU'S: 2
SPONSOR: BUNGE
TOPIC: EXECUTIVE SEMINAR
PLACE: ST LOUIS, MO
CONTACT: WANDA MAXFILED
217.442.1800
FEE: YES

JANUARY 29-30, 2009

CATEGORY: 7a – GENERAL PEST
CEU'S: 4
CATEGORY: 7b – STRUCTURAL
CEU'S: 5
CATEGORY: 10 – DEMONSTRATION & RESEARCH
CEU'S: 9
CATEGORY: 11 – BIRD & PREDTORY ANIMAL
CEU'S: 1
SPONSOR: NPMA
TOPIC: SOUTHWESTERN CONFERENCE
PLACE: ALBUQUERQUE, NM
CONTACT: CINDY KENNEDY
703.352.6762
FEE: YES

FEBRUARY 9-12, 2009

CATEGORY: 6 – RIGHT-OF-WAY
CEU'S: PENDING
CATEGORY: 10 – DEMONSTRATION & RESEARCH
CEU'S: PENDING
SPONSOR: DeANGELO BROTHERS
TOPIC: RIGHT-OF-WAY TRAINING
PLACE: HOLIDAY INN HOTEL & SUITES
6200 NORTH ROBINSON
OKLAHOMA CITY, OK
CONTACT: ALLISON MOSLEY
405.478.1100
FEE: YES

APRIL 23, 2009

CATEGORY: 7a – GENERAL PEST
CEU'S: 2
CATEGORY: 7c – FUMIGATION
CEU'S: 5
CATEGORY: 10 – DEMONSTRATION & RESEARCH
CEU'S: 5
SPONSOR: DEGESCH
TOPIC: FUMIGATION RECERTIFICATION
PLACE: STAUNTON, VA
CONTACT: SUSAN NICHOLS
540.234.9281
FEE: YES

ONGOING

CATEGORY: 3a – ORNAMENTAL & TURF
CEU'S: 4
CATEGORY: 10 - DEMONSTRATION & RESEARCH
CEU'S: 4
SPONSOR: UNIVERSITY OF GEORGIA
TOPIC: PRINCIPLES OF TURFGRASS MANAGEMENT
PLACE: CORRESPONDENCE COURSE
CONTACT: PHYLISS BREWER
706.542.6692
FEE: YES

ONGOING

CATEGORY: 3a – ORNAMENTAL & TURF
CEU'S: 2
CATEGORY: 7a – GENERAL PEST
CEU'S: 1
CATEGORY: 7b - STRUCTURAL
CEU'S: 1
CATEGORY: 10 - DEMONSTRATION & RESEARCH
CEU'S: 6
CATEGORY: ALL CATEGORIES
CEU'S: 2
SPONSOR: CHRYSALIS EDUCATION & CONSULTING
TOPIC: O&T, GENERAL PEST & STRUCTURAL
PLACE: HOLIDAY INN
CONTACT: 3101 N. DALLAS PKW
PLANO, TX
DENNIS MALONEY
806.468.8583
FEE: YES

ELECTRONIC PROGRAMS

CATEGORY: VARIOUS
CEU'S: 1
SPONSOR: UNIVAR
TOPIC: VARIOUS
PLACE: INTERNET – WWW.PESTWEB.COM
CONTACT: JEFF SMITH
916.371.7602
FEE: NO

ONGOING

CATEGORY: 3a – ORNAMENTAL & TURF
CEU'S: 1
CATEGORY: 8 – PUBLIC HEALTH
CEU'S: 1
CATEGORY: 10 - DEMONSTRATION & RESEARCH
CEU'S: 1
SPONSOR: UNIVAR
TOPIC: A QUIET TICKING
PLACE: PESTWEB WWW.PESTWEB.COM
CONTACT: JEFF SMITH
JEFF.SMITH@UNIVARUSA.COM
FEE: NO

ELECTRONIC PROGRAMS

CATEGORY: 3a – ORNAMENTAL & TURF
CEU'S: 1
SPONSOR: UNIVAR
TOPIC: WEED CONTROL – THE HERBICIDES #604
PLACE: INTERNET – WWW.PESTWEB.COM
CONTACT: JEFF SMITH
916.371.7602
FEE: NO

ELECTRONIC PROGRAMS

CATEGORY: 7a – GENERAL PEST
CEU'S: 1
SPONSOR: UNIVAR
TOPIC: GOING GREEN & ORGANIC #207
PLACE: INTERNET – WWW.PESTWEB.COM
CONTACT: JEFF SMITH
916.371.7602
FEE: NO

ELECTRONIC PROGRAMS

CATEGORY: 7a – GENERAL PEST
CEU'S: 3
CATEGORY: 7b - STRUCTURAL
CEU'S: 1
SPONSOR: WHITMIRE MICRO-GEN
TOPIC: PRESCRIPTION TREATMENT UNIVERSITY
PLACE: WHITMIRE WEB SITE
CONTACT: JODI WILSON
880.777.8570
FEE: YES

ELECTRONIC PROGRAMS

CATEGORY: VARIOUS
CEU'S: VARIOUS
SPONSOR: PEST NETWORK
TOPIC: VARIOUS
PLACE: PESTNETWORK.COM
CONTACT: MEL YELL
512.626.1645 CELL
FEE: YES

ELECTRONIC PROGRAMS

CATEGORY: 1a – AGRICULTURAL PLANT
CEU'S: 1
CATEGORY: 10 – DEMONSTRATION & RESEARCH
CEU'S: 1
SPONSOR: Pest Network
TOPIC: GREENBUG MANAGEMENT
PLACE: www.pestnetwork.com
CONTACT: CHARLES COLE
979.732.0501
FEE: YES

ELECTRONIC PROGRAMS

CATEGORY: 1a – AGRICULTURAL PLANT
CEU'S: 1
CATEGORY: 10 – DEMONSTRATION & RESEARCH
CEU'S: 1
SPONSOR: SOUTHWEST FARM PRESS
TOPIC: WEED RESISTANCE MANAGEMENT IN COTTON
PLACE: INTERNET – WWW.SOUTHWESTFARMPRESS.COM
CONTACT: CHERYL OGLE
559.322.6558
FEE: NO

ELECTRONIC PROGRAMS

CATEGORY: 1a – AGRICLTURAL PLANT
CEU'S: 1
CATEGORY: 10 – DEMONSTRATION & RESEARCH
CEU'S: 1
SPONSOR: SOUTHWEST FARM PRESS
TOPIC: SPRAY DRIFT MANAGEMENT
PLACE: WWW.SOUTHWESTFARMPRESS.COM
CONTACT: HARRY CLINE
512.288.8288
FEE: YES

ELECTRONIC PROGRAMS

CATEGORY: VARIOUS
CEU'S: VARIOUS
SPONSOR: UNIVAR
TOPIC: VARIOUS – GENERAL PEST CONTROL
PLACE: [HTTP://WWW.PESTWEB.COM](http://WWW.PESTWEB.COM)
CONTACT: VIC PRRALEZ
888.755.5566
FEE: YES

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PESTICIDE REPORT's MAILING LIST**

PLEASE PRINT - THANK YOU!

Name _____

Company/Business Name _____

Address _____

City _____ State ____ Zip Code _____

E-Mail _____

**Please send to: Jim T Criswell
 127 NRC
 Oklahoma State University
 Stillwater, OK 74078-3033**

or E-mail us at: Sharon.hillock@okstate.edu. Please type Pesticide Report in the subject box.

If this is not returned your name will be removed from the *Pesticide Report's* mailing list.

Oklahoma State University EXTENSION personnel ARE NOT TO RETURN this form.