



Texas  
Cooperative  
Extension  
The Texas A&M  
University System

# CHEMOGRAM

Agricultural & Environmental Safety unit <http://www-aes.tamu.edu>

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## New Field Crop Manual Ready

*Dr. Don Renchie*

A new manual is now available for field crop applicators. **Pesticide Application on Field Crops B-5061** incorporates numerous color photos to aid the applicators understanding. The price of this new manual is **\$25.00**. Attached you will find a new order form which now includes this manual.

## New Order Form

**Effective January 1, 2004**, the Ornamental and Turf Manual (B-5066) will increase from \$20.00 to \$25.00 per copy. Rising printing costs and administrative fees require the price change. The new order form reflects this change. If you have questions, please contact me or Margaret Havens.

Also, we post the most current order form on the web at:  
<http://agensafety.tamu.edu/TDAoform.pdf> >.  
We have had many orders sent in on old forms printed prior to 3/03. This is a great inconvenience to the applicators because their order can not be processed until they send the full payment for the order. Please check our web site to see if the form you are providing is current. The order form is changed each time a new manual is ready for sale.

## NO Home Study CEUs for TCE

*Dr. Mary Ketchersid and Dr. Don Renchie*

We have received complaints from private providers of home study CEUs stating that Texas Cooperative Extension Faculty are sending videos home with producers and then giving them CEU credit as though they had attended a

meeting. This has been discussed before but private providers allege that some of our Extension Faculty still are not following the rules. TCE faculty **DO NOT** have permission to give correspondence (home study) CEUs.

The Texas Department of Agriculture Pesticide Laws and Regulations related to Extension granting CEUs, section 7.24 (h) states, **Prior approval shall not be required for applicator recertification courses of up to three CEUs conducted by Extension faculty . . .** provided that all other requirements for course content and records are met. (One of these requirements is that CEUs be provided in a meeting or in the office in a monitored environment.)

**Correspondence activities are excluded from this provision.**

Anyone wanting to offer "correspondence activities" such as videos, interactive internet and/or other activities **MUST** get individual prior approval from TDA as required by sections **§7.24 (f)** and **§7.24 (p) (5)**. Also any "correspondence activity" must include an open book measure of competency (an open book test) approved by TDA prior to use. Then anyone approved to provide "correspondence activities" must **ensure the establishment of procedures to prohibit an individual from repeating the sponsor's course in two consecutive recertification periods**. That means that you would need to maintain records for several years to be sure no commercial or noncommercial applicator repeated a course in two consecutive recertification periods.

There are **NO** videos in the Extension AV-Library approved for "correspondence activities". The Last Chance Video set is approved for use only by County Agents in live County programs or in County Offices in a monitored setting. None of the Extension Video material should ever be sent

home with the producer. There are limited funds for video replacement and many of our videos have been lost because a CEA allowed a producer to take a video home and it was never returned.

When a producer comes into your office and asks how to obtain correspondence or home study CEUs refer them to the TDA web site < <http://www.agr.state.tx.us/pesticide/> >. From this page select education then scroll down and select Re-certification Courses for Pesticide Applicators. Look for Continuing Education by Correspondence as Self-study Courses or Internet Courses . TDA lists contact names and phone numbers for courses that have been approved for credit.

It is important that we adhere to these rules. The privilege we enjoy of being the public provider may become jeopardized if TDA continues to receive complaints from private providers about our failure to comply with the regulations.

As we go into the busy part of the recertification cycle lets continue working smart to provide high quality educational programs and experiences to our clientele.

### **Mosquito Control is NOT Acceptable Content for TDA CEUs**

*By Dr. Mary Ketchersid*

Mosquito control is on everyone s mind these days with west Nile virus and encephalitis, just a couple of diseases spread by mosquitos. However, Texas Department of Agriculture (TDA) applicators are not licensed to control mosquitos. This is the responsibility of the Texas Department of Health (TDH) statewide and Structural Pest Control Board (SPCB) in urban areas. If you are requesting approval of a CEU program from TDA, they can not approve a course on mosquito control. Both TDH and SPCB licencees need CEUs in mosquito control if that is a category on their license but these CEUs must be approved by TDH or SPCB not TDA. Therefore, if you have a program on mosquito control, seek approval from TDH and SPCB and advertise as such, but be sure program attendees understand that classes in mosquito

control are **not** acceptable for TDA credit because TDA applicators **can not** make mosquito control applications. If you feel that you have a special situation where a discussion of mosquito control in an agricultural production situation is warranted, you must discuss this with TDA by calling Jon Schmidt at 512-463-7521 and get TDA approval **BEFORE** offering this content as a CEU.

### **Illegal and Invasive Plants**

*By Dr. Mary Ketchersid*

The spread of exotic plants in some state waters have choked water ways and rendered portions of lakes unusable for humans and native aquatic life. Many of these plants are invasive, that is, they spread aggressively, out-competing the native species. Some species form floating mats that impede boating, fishing, swimming and clog water intakes for irrigation and electrical generation. Thick mats also reduce oxygen content and degrade water quality for fish and other aquatic organisms.

**Texas Law:** The State of Texas doesn't just frown on the possession of harmful or potentially harmful exotic plants. It is illegal to posses these plants in Texas. Possession of any prohibited plant species is a Class B Parks and Wildlife Code Misdemeanor punishable by one or more of the following:

- \* a fine of not less than \$200 nor more than \$2000,
- \* a jail term not to exceed 180 days, or
- \* both a fine AND imprisonment.

Each individual plant of a prohibited species constitutes a separate violation. The law applies to everyone: aquatic plant producers and distributors, garden centers, pond supply stores, pet stores, and individual pondkeepers. So, for example, if Joe Ponder is caught with 10 water hyacinth in his backyard pond, that would be 10 separate violations, with potential fines totaling \$20,000.

For the complete list of prohibited and restricted plants, shellfish, and fish, you can download the official Revised Exotic Species Rules published by the Texas Department of Fisheries as a Word document at: <

<http://www.ntwgs.org/articles/illegalAquatics.html#texas%20law> >

This site also has links to descriptions and images of each of the harmful or potentially harmful exotic plants currently regulated by TPW including giant duckweed, waterhyacinth, rooted waterhyacinth, waterlettuce, hydrilla, Lagarosiphon, Eurasian watermilfoil, alligatorweed, Melaleuca, torpedograss, water spinach, and all species of the genus *Salvinia*.

One particular water gardening establishment was investigated by TPW and was found to have 5 of these plant species in their pond intended for sale. They were told that the plants were illegal first by a customer. Then the owner asked his County Agent who said there was no problem with selling the plants. TPW confiscated the illegal plants, informed them of the law, and explained the fine they would pay if these plants were ever found at their business again. TPW also suggested that our County Agents needed to be aware of this law.

## Questions & Answers

*By Mary Ketchersid*

**Question:** Can a CEA use a Private Applicator Training as a CEU Course?

**Answer:** The Texas Department of Agriculture (TDA) has encouraged us NOT to use a Pesticide Applicator Training class for CEUs. However, TDA understands that there are/will be situations when someone is in a serious "pinch" and the CEA might allow CEUs for the Pesticide Applicator Training class. However, we and TDA do not encourage Extension to do this. If a CEA feels this is an emergency and decides to give CEUs for the Pesticide Applicator Training, the CEA must NOT advertise CEUs for this course.

The information on the training tape is good CEU material. If a person needs CEU credit you can arrange for him/her to come to your office and allow him to watch the video used for the Pesticide Applicator Training class in your office. VHS-960 Using Pesticides - Private Applicator Certification Training runs for 82 minutes if all parts of the tape are viewed and

VHS-2624 Pests and Pest Damage runs 30 minutes - so you could give 2 hours of CEU credit for watching both of these videos. The videos are NOT under any circumstances to be sent home with the producer.

**Question:** In the last Chemogram this question was asked but the answer was accidentally left out. Does a County Agent need a TDA pesticide applicator license to plan a CEU program or to give CEU presentations?

**Answer:** As an Extension Faculty Employee (CEA-Ag, EA-Ento, EA-IPM, Specialist, etc.) you can give 3 CEUs a day. You do need to be sure that whatever you approve for CEUs fit TDA's criteria for CEUs - for content and time.

It is NOT necessary to have your license before you offer CEUs (that would be nice but it is not a current requirement in the law). Most County Agents have a degree in some field of Agriculture or in a closely related field and that along with being part of the Extension Faculty is what qualifies you to give CEUs.

We (Extension Faculty) are NOT allowed to do correspondence CEUs. That means you can not send a video or other learning activity home with an applicator who comes back to tell you he has completed it. CEU activities must be in a monitored situation. CEUs can be offered in a meeting or you can allow an applicator to watch a video or complete some other worthy activity in your office. You must be sure that all paper work is completed and turned in to TDA promptly and that each CEU participant receives a Completion Certificate with all of the necessary information on it.

**Question:** I am the grounds keeper for a cemetery organization (not a County or Municipal cemetery). Can I do the pesticide treatments with my private applicator license?

**Answer:** The key term here is agricultural production. Caring for a cemetery is not producing an agricultural commodity. Therefore it would be necessary to get a noncommercial license with the Ornamental and Turf category. See the requirements for a Private Applicator below:

### **§ 76.112. Private Applicator**

(a) A person is a private applicator if the person uses or supervises the use of a restricted-use or state-limited-use pesticide or regulated herbicide for the purpose of **producing an agricultural commodity**:

- (1) on property owned or rented by the person or the person's employer or under the person's general control; or
- (2) on the property of another person if applied without compensation other than the trading of personal services, or services related to agricultural production, including the use of equipment, between producers of agricultural commodities.

(b) A private applicator is required to be either licensed or certified to use restricted-use or state-limited-use pesticides or regulated herbicides.

(c) An employee qualifies as a private applicator under Subsection (a)(1) of this section only if he is employed to perform other duties related to **agricultural production** and provide labor for the pesticide application but does not provide the necessary equipment or pesticide.

**Please give me your comments and suggestions - - - Mary K.**

### **New Pesticide Actions by EPA**

*By Doug Stevenson*

#### **New fumigant**

Agriguard Company of Cranford, New Jersey has introduced a new soil fumigant, Furfural (2-furyl-methanal) Technical, a.k.a. artificial ant oil or furfuraldehyde, at 99.7% a.i. They propose its use for formulating only into r.t.u. soil fumigant products for use in greenhouses on cut flowers, greens, transplants, propagative materials and other non-food/non-feed items. The file symbol will be 75753-E until final registration. Experimental use permits are anticipated in 2004 and final registration in 2005, in time to fill market vacancies produced by the end of methyl bromide registration.

#### **Dow AgroSciences registers new rice herbicide and cancels old small grains herbicide**

Dow AgroSciences recently received Reduced Risk Pesticide Status from EPA for penoxsulam, a new sulfonamides-based rice herbicide. It is a highly flexible herbicide that can be used in a variety of rice cultural practices around the globe to control many grasses, including barnyard grass, and a variety of broadleaf weeds and sedges.

Dow AgroSciences, with Agrilience and RiceCo, filed petitions to voluntarily cancel registration in small grains (barley, oats, rye, triticale and wheat) of all end-use and technical products containing the herbicide propanil (Stam<sup>®</sup>).

#### **Bayer CropScience voluntarily cancels insecticide**

Bayer CropScience filed a petition to voluntary cancel all registrations for products containing the active ingredient fenamiphos (Nemacur<sup>®</sup>). In conjunction with the request for voluntary cancellation, Bayer CropScience has also agreed to amend their existing fenamiphos product registrations and implement interim risk mitigation measures.

#### **Diazinon action: products cancelled**

EPA-OPTS-OPP Insecticide-Rodenticide Branch received notice of requests to voluntarily cancel certain non-agricultural outdoor end-use diazinon products. Under a December 5, 2000, memorandum of agreement (MOA), the technical registrants of diazinon agreed to certain provisions regarding outdoor non-agricultural end-use products. All companies holding registrations for diazinon outdoor non-agricultural end-use products submitted letters to the Agency agreeing to the following changes in the conditions of their registrations according to the MOA:

1. Stop manufacturing all diazinon outdoor non-agricultural end-use products no later than June 30, 2003.
2. Stop shipment of all diazinon outdoor non-agricultural end-use products no later than August 31, 2003.
3. Voluntarily cancel all diazinon outdoor non-agricultural end-use product registrations by December 31, 2004.

Manufacturers and formulators of products sold in Texas submitted petitions to voluntarily cancel registration of the products listed in Table 1.

**Table 1. Diazinon Registrations with Pending Requests for Cancellation**

Registration number	Product name
16-118	Dragon Granular Lawn Insect Control
16-119	Dragon 5% Diazinon Granules
16-157	Dragon 25% Diazinon Spray
16-166	Dragon Diazinon Water-Based Concentrate
192-161	Dexol Diazinon 5% Granules
228-162	Riverdale Lawn Insect Killer Plus Fertilizer
228-177	Riverdale 5% Diazinon Insect Killer Granules
239-2364	Ortho Diazinon Insect Spray
239-2375	Ortho Diazinon Granules
239-2479	Ortho Diazinon Soil and Turf Insect Control
239-2503	Ortho Diazinon Granular Fire Ant Killer
239-2619	Hi-Power Ant, Roach, and Spider Spray Formula II
239-2630	Ortho Diazinon Insect Spray Ready-to-Use
239-2643	Ortho Diazinon Insect Spray 2
239-2671	Ortho Diazinon Dust
538-92	Lawn Insect Control Plus Fertilizer
538-187	Scotts Lawn Insect Control
538-204	Western Lawn Insect Control Plus Fertilizer
538-254	Fertilizer Plus Diazinon
538-258	Fertilizer and Diazinon
572-292	5% Diazinon Granular Lawn Insecticide
572-305	Rockland Diazinon Spray
655-556	Prentox Diazinon 5G
829-249	Diazinon Insecticide 2.5% Spray Concentrate
829-264	SA-50 Brand 5% Diazinon Granules
869-139	Green Light Diazinon 5 Granules
869-231	Green Light Diazinon
961-358	Lebanon Lawn and Garden Insecticide with Diazinon 5G
961-393	Sta-Green Lawn Insect Control and Fertilizer
1386-648	5% Diazinon Insect Killer Granules
3546-27	Shoofly Hornet Jet-bomb
7401-216	Ferti-lome Diazinon Insect Spray
7401-222	Ferti-lome Special Diazinon Insect Killer Granules
7401-441	Ferti-lome Diazinon Water Base Concentrate
8378-12	Lawn Insect Control Plus Fertilizer
8378-32	Shaw's 5% Diazinon Insect Granules
8780-51	Turf Line Diazinon 5G Lawn Insect Control
8780-56	Turf Line Arthroban Triple Action #4
8845-92	Spectracide Lawn and Garden Insect Control
8845-95	Spectracide 6000 Lawn and Garden Insect Control
8845-101	Spectracide Fire Ant Killer
9198-45	The Andersons Turf Food with 3.33% Diazinon
9198-62	The Andersons Lawn and Garden Insecticide 5% Diazinon
9688-89	Chemisco Diazinon 2G
10404-14	Lesco Diazinon 3.33% + Fertilizer
10404-23	Lesco Diazinon 5G
19713-263	Drexel Diazinon 5G
19713-264	Drexel Diazinon 2G
19713-317	Bug Spray
28293-199	Unicorn Diazinon 5G Granules
28293-230	Unicorn 25 EC Diazinon
32802-5	All Season Diazinon 5G Insecticide
33955-556	Acme Diazinon 25% Emulsifiable Concentrate
33955-557	Acme Diazinon 5G Lawn and Garden Insect Control
34704-57	Clean Crop Diazinon 5 Lawn and Garden
34911-13	Hi-Yield 5% Diazinon Insect Killer Granules
34911-23	Hi-Yield Imported Fire Ant Control Granules
40849-30	Enforcer Ant Kill Granules II
42057-90	Diazinon Liquid (Diazinon 25% Emulsifiable)
42057-107	Morgro 5% Diazinon Granular Lawn and Garden Insect Control
51036-69	Diazinon 2G Lawn and Perimeter Granules
51036-97	Diazinon 5G Homeowner
53883-45	Martins Diazinon 25 E Lawn and Garden Insect Control
53883-46	Martin's Diazinon Granular Lawn Insect Control
53883-51	Martins 5% Diazinon Granules
53883-54	Martin's Fire Ant Killer
53883-80	Professional Pest Control Formula DC-500
56819-13	Turf Diazinon Lawn Insect Control Plus Fertilizer #2
56819-14	Turf Diazinon Lawn Insect Control Plus Fertilizer
59144-2	5% Diazinon Granules
59144-28	Diazinon Lawn and Garden Insecticide
61282-25	Diazinon Lawn and Garden WBC
62366-2	Bug Stuff
67572-1	CP Diazinon Lawn and Garden WB Ready-to-Use
75082-2	Di-All Paint Insecticide

As we bring another successful year to a close, me and the entire A&ES team would like to thank each of you and your staff for the outstanding contributions in support of Pesticide Safety Education in Texas.

Next year we plan to release several new manuals, including Right-of-Way, Fruit Nut and Vegetable, Seed Treatment and the Aquatic Pest Control. Our customers constantly make positive comments about the level and quality of service they receive when working with you and your staffs.

Happy Holidays, be safe and lets kick 2004 off on the same pace we re ending 2003.

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