

# Colorado CCA News

Colorado Certified Crop Adviser Newsletter



## Greetings from the Colorado CCA Board

I hope all of you have had a successful spring and early summer! Although there have been many challenging weather situations to deal with across the state this year, I hope your grower customers' crops are doing well. Water management will be key to having a successful harvest for many of your growers. If this hot dry summer has raised questions for you about water management, make sure you watch for courses and seminars this fall and winter dealing with the subject. I'm sure there will be many quality opportunities for you to

learn more about the topic and gain valuable CEU's at the same time.

Another challenge that faces our industry on a continual basis is new and changing regulations set down by EPA. In this newsletter you'll get an update on the recent changes in policy on chlorpyrifos and how it could impact your recommendations. Here's wishing you a smooth and efficient harvest season.

Kevin Miller, Chairman

### Inside this issue:

Chlorpyrifos ban continued	2
Updating your CCA Address	3
Upcoming Meetings	3
Colorado Crop Profiles Available On-line	3
Websites Worth a Look	4

## EPA Bans Residential and Several Ag Uses of Chlorpyrifos

On June 8, the Environmental Protection Agency (EPA) announced the elimination and phase-out of chlorpyrifos for certain uses, including termiticide and residential indoor and lawn uses, as well as several agricultural uses. Chlorpyrifos, produced under various trade names including Dursban and Lorsban, is one of the most widely used organophosphate (OP) insecticides in the United States, both in agriculture as well as in and around the home.

EPA took the action in an effort to meet the stringent safety standards set in the Food Quality Protection Act (FQPA) of 1996. FQPA requires EPA to evaluate all pest management products by 2006 in order to further reduce exposures to pesticides, particularly exposures to children. EPA determined that chlorpyrifos poses a risk to children because of its potential effects on the nervous system and possibly brain development. Dow AgroSciences, the

primary registrant of chlorpyrifos maintains that when used as directed, chlorpyrifos products provide wide margins of safety for both adults and children.

Chlorpyrifos is currently used on more than 40 different agricultural crops/sites, including: fruit, nut, vegetable, grain, and oilseed crops and pastures, woodlands, and farmsteads. The current elimination/phase-out of chlorpyrifos will significantly lower or revoke allowable residues (tolerances) on fruits and vegetables regularly eaten by children including apples, grapes, and tomatoes.

*(Continued on page 2)*



### Colorado CCA News

is a quarterly publication of the Colorado Certified Crop Advisers.

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## EPA Bans Residential and Several Ag Uses of Chlorpyrifos

*(Continued from page 1)*

Nearly all home and garden uses of chlorpyrifos will be cancelled/phased out. EPA's agreement with registrants will effectively eliminate the use of chlorpyrifos by homeowners, limiting use to certified, professional, or agricultural applicators. Those uses that pose the most immediate

risks to children, including home lawn, indoor crack and crevice treatments, and whole house "post-construction" termiticide treatments will be cancelled first. Spot and local post-construction and pre-construction termiticide uses will be phased out over the next several years.



Food Uses		
Crop	Mitigation Measures	Effective Dates
Apples	Production of chlorpyrifos products labeled for post-bloom application is prohibited (only production for pre-bloom, dormant application is allowed)	August-September 2000
	Post-bloom use is prohibited	Stop use as of 12-31-00
	Tolerance will be lowered	
Tomatoes	Production of products for tomato use is prohibited	August-September 2000
	Use will be cancelled	Stop use as of 12-31-00
	Tolerances will be revoked	
Grapes	Tolerance will be lowered	
All Agricultural Uses	Classify new end-use products for restricted use or package in large containers	As of 12-1-00
	New end-use products must bear revised Restricted Entry intervals (REIs)	As of 12-1-00

Home Uses			
Site	Mitigation Measures	Effective Dates	
Home lawn and most other outdoor uses	Classify new end-use products for restricted use of package in large containers (except baits in child resistant packaging)	As of 12-1-00	
	Use will be cancelled	Stop formulation 12-1-00 Formulators stop sale 2-1-01 Retailers stop sale 12-31-01	
Crack and crevice and most other indoor uses	Classify new end-use products for restricted use or package in large containers	As of 12-1-00	
	Use will be cancelled	Stop formulation 12-1-00 Formulators stop sale 2-1-01 Retailers stop sale 12-31-01	
Termiticides	Classify new products for restricted use or package in large containers	As of 12-1-00	
	Limit use to 0.5% solution	In label directions as of 12-1-00	
	• Full barrier (whole house) post-construction use	Use will be cancelled	Stop formulation 12-1-00 Formulators stop sale 2-1-01 Retailers stop sale 12-31-01
	• Spot and local post-construction use	Use will be cancelled	Stop formulation 12-1-00 unless label has stop use date of 12-31-02
	• Pre-construction use	Use will be cancelled	Stop production 12-31-04 Stop use 12-31-05

## Updating your CCA Address

Have you moved recently? If you have not contacted both the State and International CCA offices with your updated address information, you may be missing out on important news and opportunities.

To contact the Colorado CCA office, mail or email the address change to:

Gloria Blumanhourst  
C4 Plant Sciences Bldg.  
Colorado State University  
Fort Collins, CO 80523-1170  
Phone: (970) 491-6201  
[gbluman@lamar.colostate.edu](mailto:gbluman@lamar.colostate.edu)

To change your address at the International CCA office, do one of the following:

1. If you have internet access, go to <http://www.agronomy.org/cca>. On the left hand side of the page is a column with CCA Home listed at the top. Scroll down to Misc. and click on "Update your address."
2. Mail the address change to the office at:  
CCA  
677 South Segoe Road  
Madison, WI 53711-1086

When mailing your information to either the State or International CCA offices, please be sure to include your certification number, your previous address, and your current address.



## Upcoming Meetings

Colorado State University and Agricultural Research Services will be holding an Integrated Crop Management Sunflower Field School on August 17, 2000. The one-day event will be held at the Central Great Plains Research Center in Akron, CO from 6:30 a.m. to 1:30 p.m. Four CEU's will be given in the following categories: 0.5 NM,

0.5 S&W, 1.5 PM, and 1.5 CM. For more information, contact Jessica Davis at (970) 491-1913 or [jgdavis@lamar.colostate.edu](mailto:jgdavis@lamar.colostate.edu).

Other meetings for continuing education credits will be announced in future CCA newsletters or can be found on the American Society of Agronomy CCA website at <http://www.agronomy.org/cca/cal/calendar.html>.

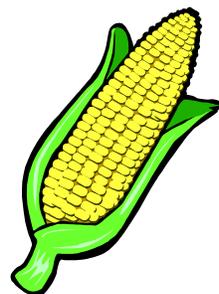
## Colorado Crop Profiles Available On-line

Several Colorado Crop profiles are now available on the World Wide Web. Crop profiles were initiated by USDA's Office of Pest Management Policy (OPMP) in May 1998. Each crop profile describes how a commodity is produced, with emphasis on critical pest management needs—including the role of pesticides in integrated pest management (IPM) and resistance management programs.

Ten Colorado crop profiles have been submitted to OPMP and are awaiting posting. Completed crop profiles include

alfalfa, barley, dry edible beans, field corn, oats, onions, potatoes, soybeans, sugarbeets, and winter wheat. Additional crop profiles for other Colorado crops are currently being developed. Colorado and other states' crop profiles can be accessed at <http://ipmwww.ncsu.edu/opmppiap/subcrp.htm>.

The Colorado Environmental Pesticide Education Program (CEPEP) has production maps for each crop profile on its website located at <http://www.colostate.edu/Depts/SoilCrop/extension/CEPEP/pun.html>.



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Colorado Certified Crop Adviser Program  
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Fort Collins, CO 80523-1170



## Websites Worth A Look

### **Colorado Environmental Pesticide Education Program (CEPEP)**

<http://www.colostate.edu/Depts/SoilCrop/extension/CEPEP/>

A new website featuring factsheets, educational and training materials, and links to pesticide-related websites.

### **E-Answers**

<http://www.e-answers.org>

E-answers is a searchable website that provides reliable, research-based information on a wide range of Extension or Outreach-oriented subjects.

### **International CCA website**

<http://www.agronomy.org/cca/>

Check your CEU's by entering your certification number, look at upcoming events on the CEU calendar, take self-study exams, and much more!

### **Crop Data Management Services (CDMS)**

<http://www.cdms.net/manuf/manuf.asp>

Find pesticide label and MSDS information from over 80 chemical companies. Search by product name for printable labels and MSDS.

### **C&P Press—Greenbook & Bluebook**

<http://www.cpress.com/>

Find pesticide label and MSDS information from the Greenbook (Crop Protection) and the Bluebook (Turf & Ornamental). Just click on the "Free search" on either site.

### **Crop Decisions Magazine/CCA Advantage**

<http://www.cropdecisions.com>

Read an electronic version of the CCA Advantage and get the latest self-study test.

