



www.ccsipm.wordpress.com



# Healthy Colorado Schools

## APRIL IS NATIONAL PEST MANAGEMENT MONTH

Public health officials attribute the quality of life we have today to three things: pharmaceuticals and vaccines, sanitation and pest control. Thank you for working with us to create healthy Colorado schools.

This is especially important in Colorado.

The 2014 edition of [Kids Count](#) reports that Colorado has the fifth fastest growing rate of

children in poverty in the country. The state's poor students are concentrated in the lowest performing schools. Low performing schools are correlated with poor indoor air quality. You can improve student performance and indoor air quality with IPM.

If your school district isn't a member of the Colorado Coalition for School IPM, join now.

Improving the indoor and outdoor environment in Colorado schools helps create healthy learning environments.



### Special points of interest:

- ✓ April is National Pest Management Month
- ✓ Yellowjacket Time
- ✓ National Standard for IPM Training
- ✓ IPM For School Grounds—April 21, 2014
- ✓ Other IPM Related Events

## TIME FOR YELLOWJACKET TRAPS

According to the American College of Allergy, Asthma, and Immunology, more than two million Americans are allergic to stinging insects, more than 500,000 enter hospital emergency rooms every year suffering from insect stings, and between 40-150 people a year die as a result of these stings.

We see two types of wasps around schools – the European paper wasp and the Western yellowjacket. We have several resources available to help you determine what type of wasp you have - fact sheets [Stinging insects](#) and [Nuisance Pests](#) and the [Stinging Insect Poster](#). If you need assistance to

identify a wasp, collect and submit a sample to the CSU Pest Diagnostic Clinic or your local Extension office. Yellowjackets are attracted to meat, and European paper wasps are attracted to fermenting fruit.

[continued on page 4](#)

### Inside this issue:

<a href="#">National Pest</a>	1
<a href="#">Yellowjackets</a>	1
<a href="#">IPM Training</a>	2
<a href="#">EMS Plan</a>	2
<a href="#">Eating In Classrooms</a>	3
<a href="#">Upcoming Events</a>	4
<a href="#">Online Resource</a>	4
<a href="#">Contact Us</a>	4

## STOP SCHOOL PESTS — A NATIONAL STANDARD FOR IPM TRAINING

Where can you go for school IPM training materials or curricula? The number of information resource sites can be overwhelming.

materials and support were available. One of the greatest limitations of school IPM expansion has been the limited number of trainers available to provide meaningful education events for stakeholders. The Stop School Pests initiative will change that.”

professionals. All learning lessons are evaluated by a Review Committee of 32 professionals (including Colorado State University) from a wide variety of backgrounds including extension, government and non-governmental agencies. The resulting teaching and exam materials will be field tested in schools and refined pursuant to trainers and trainee criticism. If you are interested in getting involved, please email [Mariel Snyder](mailto:Mariel.Snyder@usda.gov). The effort is funded by the USDA North Central IPM Center and the US EPA Office of Pesticide Programs.

Stop School Pests - A National Standard for IPM Training project was initiated to address the need for standardized, peer-reviewed training. Dawn Gouge of the Stop School Pests Development Committee reports, “We’ve needed freely available, science-based training materials for instructors to use. There are children’s environmental health advocates everywhere, many of who would readily serve as educators if

Building largely on existing “best-of-the-best” material, the National Standard IPM Training programs offer training materials that can be used across the country. The program provides recognition to those that complete the training, either through a certificate or certification. Training modules will include general introductory materials as well as

specific lessons for custodians, maintenance staff, nurses, teachers, administrators, grounds staff, facility managers, food service staff and pest management

*From the IPM Institute of North America, [http://www.ipminstitute.org/school\\_ipm\\_2015/index.htm](http://www.ipminstitute.org/school_ipm_2015/index.htm)*



## ENVIRONMENTAL MANAGEMENT SYSTEM PLAN FROM THE NORTHEASTERN IPM CENTER

The Northeastern IPM Center, based at Cornell University, has funded the development of an environmental management system plan based on ISO14000, an industry standard for managing environmental issues within organizations. School

officials can customize and enhance the plan to suit their individual needs. It could be set up at the building or at the district level. At its most basic, a management and operations plan gives school personnel a standard set of protocols to

manage pest issues before they develop into a crisis. To download the plan, go to <http://www.northeastipm.org/ipm-emp>

## EATING IN THE CLASSROOM

Across the state, hundreds of thousands of students receive free or reduced-price school meals through the National School Lunch and School Breakfast Programs. During the 2013-14 school year, 42 percent of all Colorado students in preschool through 12th grade qualified for free or reduced-price school meals—up from 30 percent in 2003-2004. For many students, these meals may be their primary source of nutrition. By helping relieve hunger among children,

school meal programs also help ensure children have the energy and focus they need in order to learn.

Food in the classroom results in crumbs on floors, snacks stored in desks, and more work for custodians. Establish a policy to decrease food debris that is attractive to pests by encouraging teachers and administrators to store food in pest-resistant containers.



## UPCOMING EVENTS

**May 18-21, 2014**

[National Conference on Urban Entomology](#)  
San Antonio, TX

**November 16-19, 2014**

[Entomological Society of America \(ESA\) National Meeting](#)  
Portland, OR

**June 18, 2014**

**Colorado School IPM Statewide Meeting**  
Aurora, CO

**March 24-26, 2015**

[8th International IPM Symposium](#)  
Salt Lake City, UT

**August 24-27, 2014**

[Association of Structural Pest Control Regulatory Officials \(ASPCRO\) National Meeting](#)  
Missoula, MT

## IPM FOR SCHOOL GROUNDS APRIL 21, 2014

Spring is just around the corner. Plan on attending our workshop on April 21st to learn how IPM can help you manage your grounds!



**For more information or to RSVP, please visit:**  
[The Colorado Center For Integrated Pest Management](#)



**For More Information About The Colorado Coalition For School IPM:**

**Colorado State University**  
**Fort Collins, CO 80523-1177**  
**Phone: 970-491-1377**  
**Email:**  
[deborah.young@colostate.edu](mailto:deborah.young@colostate.edu)  
<http://ipm.agsci.colostate.edu/>

The Colorado Coalition for School IPM is an effort by Colorado State University, U.S. Environmental Protection Agency, USDA National Institute of Food & Agriculture, Colorado Department of Agriculture, Colorado Department of Public Health and Environment, Colorado Department of Education, school districts, National Environmental Health Association and private pest control professionals.



**For All The Latest News Don't Forget To Check Out Our Website/Blog at: [www.ccsipm.wordpress.com](http://www.ccsipm.wordpress.com)**

**FOR MORE INFORMATION & IPM EXAMPLES CHECK OUT THE FLICKR PHOTO SETS — EXAMPLES OF IPM PESTS & METHODS**

**TIME FOR YELLOWJACKET TRAPS continued:**

The primary type of wasp trap sold in garden and home centers contains heptyl butyrate, a chemical that is attractive to the yellowjacket wasp, but not to the European paper wasp. Now is the time to place these commercially available traps for yellowjackets.

If your main concern is the paper wasp, thoroughly inspect the eaves and overhangs around the school. Knock down and remove all old wasp nests, then wash the area to remove all trace of the nest . You can make your own trap for the European paper wasp using a soda bottle trap with a mixture of 1 part fruit juice to 10 parts water + 1 tsp. liquid detergent. The juice must begin to ferment in order to be attractive, and so it may take a day or two for rapid fermentation to begin.



**European Paper Wasp nesting in clothes line pole**



**Western Yellowjacket**