

# KEEP COLORADO SCHOOLS PEST- FREE



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# LEARNING OBJECTIVES

- Increase awareness of the role of IPM in green and healthy schools
- Learn how to conduct a school assessment to identify pest vulnerable areas
- Demonstrate how IPM has worked in a Colorado school district



# School Integrated Pest Management

Creating Healthy School Environments



# SIPM IS A PEST MANAGEMENT SYSTEM THAT:

- Eliminates or mitigates economic and health damage caused by pests
- Minimizes the use of pesticides and the risk to human health and the environment associated with pesticide applications



# THE BENEFITS OF SIPM

- A healthier school environment = greater academic achievement  
Minimizes incidences of food contamination from pest and pesticides
- Reduces risk of Asthma incidence by reducing triggers from pest and pesticides
- Better management of financial resources
- Reduces school's liability exposure



# SCHOOL ASSESSMENTS

- Adams 12 School District
- Boulder Valley School District
- Denver Public Schools
- Jeffco Public Schools
- Monument Schools
- St. Vrain School District
- Thompson School District
- Weld County School District 6



# INSPECT PEST VULNERABLE AREAS

-kitchens, pantries, garages, storage sheds, bathrooms



Behind cabinets



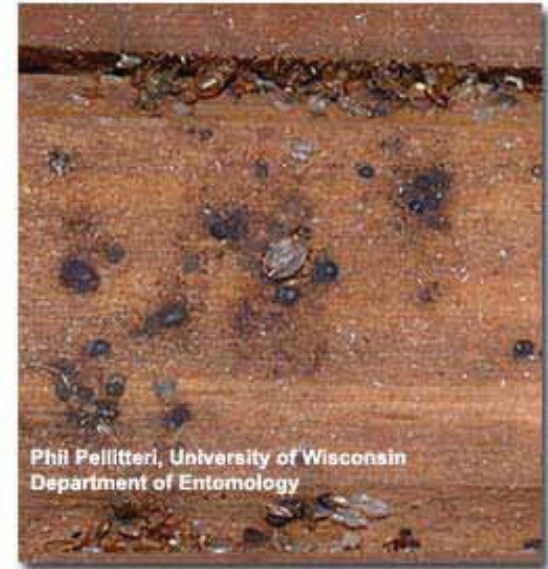
Kitchen drains



Under sinks



# COMMON PESTS IN COLORADO SCHOOLS





## CASE STUDY:



- Contacted by the Colorado IPM Coalition in Winter of 2011; began working relationship with group
- Driven by District Leadership's request to identify methods for improving pest management in facilities to improve and provide clean, healthy educational environments.
- Scheduled site audits to review typical pest management concerns with facilities.



# REVIEW OF FACILITIES

District work order system reviewed for facilities with reports of past pest management concerns.

Audits performed at a representative ES, MS, and HS in order to evaluate the typical pests encountered with each type of facility.

Typical pests encountered at SVVSD facilities:  
Mice, Bats, Wasps/Hornets, Ants, and Pigeons.

Comprehensive review of each facility performed to identify pest type, source of entry (if applicable), attractive nuisances, pesticides present, etc.

Reports generated detailing findings and recommendations which were forwarded to the Principals, Head Custodians, O & M Staff.

Staff site meetings were also offered and some accepted.

Identified areas for improvement utilizing Integrated Pest Management techniques.



## SOLUTIONS & CORRECTIVE MEASURES IMPLEMENTED

- Assigned Maintenance staff member as IPM (provided opportunity for training and EPA Pesticide Applicator certifications)
- Created an icon in SchoolDude work order system for consistent tracking of pest concerns and single point of contact for reporting.
- Development and implementation of a SOP for pesticide application inside facilities as well as for application on grounds and athletic fields.
- Elimination of poison baits and glue-traps in District facilities. Comprehensive inventory of pesticides typically used by O & M (included MSDS).
- Training provided to Maintenance and Custodial Staff on IPM concepts and techniques.



- ***Created opportunity for cost savings, improved customer satisfaction, and healthier educational environments!***



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