

Know your Pesticides: protect yourself, your family, and the environment

Why?

The Wyoming office of US Geological Society (USGS) has been monitoring groundwater quality for many years. Recently, trends have been showing a decline in pesticide contamination in rural wells, while also showing a disturbing increase in pesticide contamination in wells located within municipalities.

Currently, the general public has no requirement to attend any form of training in order to purchase and apply general use pesticides. Our only opportunity to provide education to the general consumer is at the point of sale.

What?

We are looking for opportunities to provide training to retail employees who are selling these products and who are answering questions about product selection, proper use, and safety concerns. This will help employees feel more comfortable and confident, and help make for more informed customers. All with the end goal of increasing the general consumer's understanding of safe and proper pesticide use, to reduce misuse and to ultimately keep people, their families, and the environment safer.

Retail employee training:

Date, time, length of training, and topics covered can be customized to your needs

Examples of topics which can be covered covered:

- Simple, step by step process to help customers choose a pesticide
- Demonstration/introduction to the kiosk that will be placed in-store
- Review of the products you sell and specific concerns to relay to customers
- Review of common questions you receive, as well as those we get in the Extension Offices
- Pesticide safety: sprayer calibration, personal protective equipment, pesticide label, etc



Requirements

- Display kiosk at pesticides point of sale for 2018 growing season, power source for kiosk
- Will also include display of literature: i.e. fact sheets, postcards, etc.
- Okay with sound from videos?

Questions?

Please contact Caleb Carter at (307) 532-2436 • ccarte13@uwyo.edu
or Caitlin Youngquist at (307) 347-3431 • cyoungqu@uwyo.edu

A cluster of dandelion seed heads, some fully formed and some blowing away, positioned above the main title.

KNOW YOUR PESTICIDES

Tips

and

Resources



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EXTENSION



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Kiosk Information for Store Managers

Kiosk number _____

Starting up Articulate software/kiosk content:

- Turn on (power button, top left)
- Swipe up on screen/tap login to get to Desktop
- Open folder “Pesticide Kiosk...” on Desktop (two taps)
- Open “Launch_story” file (two taps)
- Once application has launched and is visible, close “Pesticide Kiosk” folder
 - Tap Folder icon at bottom of screen, in toolbar
 - Tap “X” in upper right to close

Other notes:

- Since these are touchscreens, they can be “sensitive” when being moved/placed or if the case is too tight. If you notice other applications/icons acting as if they are being touched, try adjusting the tablet within the frame by wiggling it around—we’ve been able to correct the odd “ghost” behavior by adjusting tablet placement within the kiosk case. We also added wooden dowels to better hold the tablet in place.
- External volume toggles on the tablets cannot be reached when the tablet is inside the case. To adjust the volume, use the “Speaker” icon in the system tray (lower right bottom of screen).

If you have questions or problems with the kiosk, please contact us:

Caleb Carter
(307) 532-2436
ccarte13@uwyo.edu

Caitlin Youngquist
(307) 347-3431
cyoungqu@uwyo.edu





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Key Points and Resources

Remember these steps when handling customer questions

1. Identify the problem: cause, location, affected plant, etc.
 - a. Define management options:
 - b. Is control needed?
 - c. Consider nonchemical alternatives.
2. Match pest type with pesticide type.
3. Direct customers to least-toxic products if a pesticide is desired.
4. Open and review the label with the customer:
 - a. Check that pest and site are listed.
 - b. Identify protective clothing and application equipment requirements.
 - c. Point out sections on cautions, storage, and disposal.
5. Be sure the customer has everything they need before they leave the store.

Useful Resources

Information on pesticide safety:

- University of Wyoming Extension – Know Your Pesticides website: <http://wyoextension.org/knowyourpesticides/>
- University of Wyoming Extension Barnyards and Backyards: www.barnyardsandbackyards.com, click on “Pesticides”
- Wyoming Department of Agriculture – Pesticides and Wyoming Home Owners: <http://agriculture.wy.gov/pesticide/>
- National Pesticide Information Center: <http://npic.orst.edu/gen.htm>

Pest identification, management, and pesticide disposal:

Contact your local Extension Office: _____

Contact your local Weed and Pest: _____

High Plains Integrated Pest Management: http://wiki.bugwood.org/HPIPMain_Page



The University of Wyoming and the United States Department of Agriculture cooperate. The University is an equal opportunity/affirmative action institution.



Protect yourself, your family and the environment

Retail Employee Training Agenda

Introductions

Pesticide label review

Walk through pesticides in the store

Commonly asked questions/specific concerns

Calibration demonstration using 1/128th method

Introduction to the kiosk display

Evaluations



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Helpful

Resources