

# Crops and Soils Day

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Even after the silo is considered to be properly ventilated, a dust mask should be worn to protect the entrant from mold spores.

While a variety of masks are available, Murphy does not recommend buying the cheaper models designed for screening "nuisance dust" particles larger than 10 microns. Buyers should note that only masks that are individually numbered and approved

for dust and mist will provide sufficient protection from mold spores.

The next level of protection from toxic dust is the chemical cartridge respirator, and only cartridges labeled for toxic dust or pesticides will provide the necessary dust protection.

The most advanced form of dust protection currently on the market is the air stream helmet, a battery powered helmet that pumps air through a dust filter located at the



Lancaster Extension agent Chet Hughes models two types of protective devices. At left is a chemical cartridge respirator, and at right is an air stream helmet for those with high sensitivity to toxic dust.



Penn State Extension safety specialist Dennis Murphy shows some of the dust masks currently available. Only numbered models (left) are recommended for toxic dust.

back of the helmet and forces it down over the face. The demonstration model that Murphy uses weighs nearly five pounds and costs \$540. "But this is cheap if you've got a problem," he points out.

Dust masks are normally available at local hardware and building supply stores, says Murphy. For those interested in more information on respiratory protective devices, the safety specialist lists the following companies:

Mine Safety Appliances  
600 Penn Center Blvd.  
Pittsburgh, PA 15235  
Phone: 1-800-674-2222

3M Company  
Occupational Health and Safety  
Products Div.  
3M Center, Bldg. 220-7W  
St. Paul, MN 55101  
Phone: 1-800-243-4630

Direct Safety Company  
600 Martway, Box 2994  
Mission, KS 66201  
Phone: 1-800-255-4416

## Lebanon Extension to hold drinking water workshop

LEBANON - Denis Hoke, Lebanon County agricultural agent, announced that area residents are invited to attend a "Safe Drinking Water Workshop" to be held Monday, Mar. 3, at the Schaefferstown Fire Hall, Oak & Light Streets, Schaefferstown. The program will be held twice during the day, from 1 p.m.-3 p.m., and 7 p.m.-9 p.m., and is designed to inform homeowners and farmers who have their own water system what should be done to insure a safe water supply.

detect problems commonly found in water supplies in Lebanon and surrounding counties. The lab will provide water sample containers and directions for taking samples.

The program is open to the public and free of charge. For more information contact the Lebanon County Cooperative Extension Service at 717-274-2801, Ext. 346.

Penn State water quality experts Dr. Karen Mancl and Dr. William Sharpe, will present information on water quality, bacterial contamination, nitrates and water treatment. In addition, Douglas Goodlander, acting district manager with the Lebanon County Conservation District will present information on "Effects of Best Management Practices on Water Quality".

## Goat workshop

In addition, the Extension Service has arranged for Spotts, Stevens & McCoy, Inc., Wyomissing, to offer water tests at a reduced price. The tests will

WHITE HALL, MD - Interested in learning about dairy goats? With sufficient interest, there will be a workshop (hands on) in early April. Topics will be proper milking techniques, handling of milk, inoculation procedures, kidding and care of kids. If you are interested in attending, would like additional topics covered, or would like to speak on a topic, please contact Steven Townsend at 301-343-0026. The workshop will be held in Maryland near the Pennsylvania line.

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