

# Video Blazes A Trail For Groundwater Protection

UNIVERSITY PARK (Centre Co.) — Should you be concerned about the quality of your groundwater? How can you keep your well or your community's water supply safe from contamination? A new video from Penn State's College of Agricultural Sciences can help you answer these questions.

"When groundwater contamination strikes, today's and tomorrow's users both suffer," says Kelli Martin, senior research technologist in the agricultural and biological engineering department. "Communities need to protect groundwater and keep our water supplies safe."

"Groundwater Protection: Blazing a Healthy Trail" is the second educational video in a four-video series about protecting our valuable water resources. Using creative video techniques and a Western-style theme, this video communicates three technical trail markers that protect groundwater.

Technical advisers for the project included Paul Robillard, associate professor of agricultural engineering; William Sharpe, professor of forest hydrology; and Charles Abdalla, associate professor of agricultural economics and co-director of the Pennsylvania Groundwater Policy Education Project.

"It covers physiographic regions and their aquifers, identifying land uses and contaminant flow paths that impact aquifers, and how to develop a community groundwater protection action group," says Martin, who wrote the video's script.

This video is aimed at water supply officials, public educators, cooperative extension personnel, municipal planning officials, school children and older students, and community special interest groups.

The third video, "Groundwater Protection Action Groups: A Roadtrip to Success," takes a road trip with the fictional Riley family as they learn four ways to make a groundwater protection action group successful.

The final video in the series, "Private Well Construction in Pennsylvania: Setting the Standard," explores why proper well construction standards are essential to safeguarding private water supplies.

The video series is funded by Penn State's College of Agricultural Sciences and the Department of Agricultural and Biological Engineering. Production services were provided by Shelow-Porterfield Productions of Boalsburg.

For an order form or more information about these videos or groundwater, contact the Department of Agricultural and Biological Engineering, The Pennsylvania State University, 246 Agricultural Engineering Building, University Park, PA 16801; phone (814) 865-7685; fax (814) 863-1031. People with Internet access can visit the department's site on the World Wide Web: <http://server.age.psu.edu/>.

In addition to Maryland and Virginia's home office and marketing division in Reston, Va., the association has three other divisions to serve members. Marva Maid, the cooperative's fluid processing arm in Newport News, Va., is one of the leading market share holders in the growing Tidewater region of Virginia. The cooperative's milk is sold under the Marva Maid name and as private label product.

Marva Maid, built by Maryland and Virginia in 1962, recently expanded cold storage capacity on its original site and annexed an adjacent warehouse to keep up with product demand.

Maryland and Virginia's Manufacturing Division, commonly called "Laurel," produces butter, nonfat dry milk, and condensed milk for customers across the country and around the world. The plant, located in Laurel, Md., is one of a handful of facilities across the United States that makes and packages butter for Land O'Lakes. Nonfat milk solids and condensed milk are processed at Laurel and end up as ingredients in such foods as bread, baby formula, candy, and ice cream.

The manufacturing division has

been a part of Maryland and Virginia since 1955. As well as providing value-added dollars for Maryland and Virginia members, the division acts as a balancing plant for many milk processors in the region.

The associations' equipment division is operated as a service for members. Members can purchase farm and dairy items from the equipment warehouse in Frederick, Md., or from a route truck that visits member farms periodically. Division savings are allocated to members at year end as a percentage of their total purchases.

In addition to providing an avenue for collective marketing for its members, Maryland and Virginia also joins with other milk marketing cooperatives in various federations and associations for marketing, promotional and political strength.

In addition to financial reports, members also applauded their peers who celebrated 50 to 75 year anniversaries with the association. Families celebrating 75 years were Mehrle H. and Thelma H. Ramsburg, Brookfield Farms, Thurmont, Md.; Martz Farm, Frederick, Md.; and Rudell Beall and Sons, Inc., Clarksburg, Md.

Farms with 50 year membership were Dennis and Audrey Bowman and Steve and Beth Bowman, Big Spring Farm, Inc., Union Bridge, Md.; Harold J., Martha F. and Robert H. Burrier, Frederick, Md.; Maynard, Jane, Donald and Donna Grossnickle, Myersville, Md.; Leonard Grove Dairy, Midland, Va.; W.E. Henshaw, Wilbob Farms, Inc., Kearneysville, W.V.; Jones Dairy Farm, Aroda, Va.; David and Elizabeth Small and Marty and Rhonda Miller, Shenandoah Junction, W.V.; and Charles, Irene, Donald, Gloria, Mark and Angie Savage, Mount Airy, Md.

## Pennsylvania Livestock

WAYNESBURG, PA  
APRIL 10, 1997

### CATTLE:

SLAUGHTER COWS: Utility & Commercial 36.00-44.00; Cutter & Boning Utility 30.00-39.00; Canner & Low Cutter 28.00-34.50; Shells 28.00 & down.

BULLS: Yield Grade 1 1500/2000 lbs, 42.00-54.26; Yield Grade 2 1000/1400 lbs, 35.00-46.00.

FEEDER STEERS: M&L 1 300/500 lbs, 50.00-84.50; 250/280 lbs, 48.00-81.50; M 600/900 lbs, 45.00-71.50; HEIFERS: M 1&L 1 300/500 lbs, 35.00-73.50; L 1 400/650 lbs, 38.00-70.00; BULLS: M&L 1 300/620 lbs, 42.00-80.00.

CALVES: Veal: Prime 40.00-85.00; Choice 38.00-62.50; Good 35.00-48.00; Farm Calves: #1 Holstein Bulls 90/120 lbs, few 35.00-65.00; #2 Holstein Bulls 80/100 lbs, few 20.00-40.00; Beef X Bulls & Hfns/Hd 20.00-100.00.

HOGS: Barrows & Gilts: #1-2 210/255 lbs, 45.00-50.00; #2-3 255/280 lbs, 45.00-47.50; Sows: #1-3 300/500 lbs, 30.00-48.00; Feeder Pigs: 1-3 15/20 lbs, 5.00-17.00/Hd; 1-3 25/35 lbs, 10.00-30.00/Hd.

LAMBS: High Choice 80/100 lbs, 90.00-128.00; Choice 70/90 lbs, 80.00-140.00; Feeder Lambs: Good 75.00-105.00; Sheep 20.00-58.00; Fat Sheep 40.00 and down.

GOATS: Large 60.00-85.00/Hd; Medium 30.00-55.00/Hd; Small 10.00-40.00/Hd.

HORSES: Horses 45.50-73.00; Ponies 20.00-44.50.

## Greencastle Livestock

GREENCASTLE, PA  
APRIL 10, 1997

CATTLE: 108: Cows: Mostly steady to strong.

HEIFERS: Few Choice Holsteins 1585/1845 lbs, 47.75-54.25.

COWS: Breaking Utility and Commercial 36.00-41.00; Cutter and Boning Utility 32.00-36.50; Canner & Low Cutter 26.00-31.75, few down to 24.50; Shells down to 15.00.

BULLS: Yield Grade 1 1335/1805 lbs, 46.00-47.25; Yield Grade 2 one 1280 lbs at 43.75.

FEEDER CATTLE: STEERS: L2 570/700 lbs, 52.00-58.50.

CALVES: 223: Standard & Good 75/110 lbs, 28/35; Utility 45/100 lbs, 12.00-28.00; Farm Calves: Holstein Bulls steady to 5.00 Higher; No 1 Holstein Bulls 90/120 lbs, 57.50-84.00, mostly 70/80 lbs, No 2 Holstein Bulls 80/120 lbs, 36.00-57.50; No 1 Holstein Heifers 80/110 lbs, 100.00-145.00; Few No 2 Holstein Heifers 80/100 lbs, 60.00-75.00; Beef Cross Bulls & Heifers 75/100 lbs, 55.00-70.00.

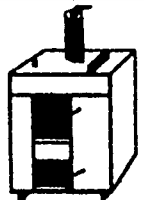
HOGS: 10. SOWS: Few 1-3 325/485 lbs, 40.00-44.00; Few Med 315/470 lbs, 32.25-35.00; BOARS: One at 56.

FEEDER PIGS: 0. SHEEP: 0. GOATS: 4: Few Medium 30.00-50.00.

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  - 1995 & 1996 Grand Champion Crossbred Ewe Eastern Stud Rams Sale
  - 1996 Supreme Champion Hampshire Ewe Eastern Stud Ram Sale
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  - 1994 and 1995 Grand Champion Maryland State Fair
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