

## County to have fun manure management tours

**LANCASTER** — A Manure Management meeting for dairy farmers will be held 9 a.m. to 3 p.m. on Monday, March 17 at the Farm and Home Center, Lancaster, to discuss manure handling systems and how to manage manure for maximum benefits.

As a follow up to this meeting, tours and demonstrations have been scheduled to give dairy farmers an opportunity to observe systems and equipment in operation. Tour dates are Wednesday and Thursday, March 19 and 20. The public is invited to attend.

As inflation drives fertilizer prices upward, it also increases the value of the manure produced on the farm. Farmers want to manage their manure properly to get the maximum fertilizer value from it. Farmers are also giving very serious consideration to systems that will reduce labor and fuel consumption and reduce the wear and tear on expensive machinery equipment.

These meetings, tours and demonstrations are being conducted to inform dairy farmers about alternative methods and equipment.

On March 17, gravity flow systems will be discussed by Richard Guest, Cornell Agricultural Engineer. He, along with Penn State Agricultural Engineer, will update farmers on the production of methane gas (for fuel) from manure. David Matthews, Agway

Agro-nomist, will report on his research measuring crop response to various kinds of manures, and to manures stored in a variety of different ways and at different times of the year.

Soil conservationists will discuss earthen bank storages, proper sizing of storage facilities and proper application techniques. Guidelines for planning manure systems, and safety considerations will also be included. Different systems being used in the county will be shown, including systems that require no electricity.

### March 19 Tour

Four farms in southern Lancaster County will be toured on Wednesday, March 19, and a variety of loaders, pumps, agitators, spreaders and injectors will be demonstrated. The tour schedule is as follows: 9:30 - Earl Neff farm, one mile north of Quarryville on Stone Road. Earl has a tie stall barn and the manure is rammed up grade to a treated plank storage, where it is removed with a front end loader.

The Dale Herr farm, 4 miles southeast of Quarryville and one half mile northwest of Route 472, will be visited at 10:30. Alley scrapers and barn cleaner convey manure from his free stall barn to the center of an earthen bank pond. A variety of equipment will be demonstrated at this farm.

At 12:30, the tour will arrive at the Robert L.

Kauffman farm, located on Prowls Hollow Road, off of Route 272 about 5 miles south of the Buck. Here, a picket fence, earthen bank unit stores manure from his tie stall barn, his free stall barn and from his feed lot. Liquids drain into an earthen bank pond. A variety of equipment will also be demonstrated at this stop.

A flushing and irrigation system will be featured at 2 p.m. at the Red Knob Farm owned by Henry Young and Sons, and located 2 miles south of Wakefield off Route 272.

### March 20 Tour

Five farms in northern Lancaster County will be toured on March 20. The first visit will be 9 a.m. to Glenn C. Hershey, 2 miles east of Intercourse and 3/4 mile north of Route 340 on the New Holland Road. Deep, wide, grated gutters in Glenn's tie stall barn are automatically self-flushing - no cleaner, no scraping, no water! An exhaust fan in the outside, buried pit prevents odors from backing up into the stable.

John Groff has a similar barn. He flushed his gutters with water and irrigates the manure. He is located on Prospect Road, 2 miles south of the Landisville-Salunga exit of Route 283 and will be visited at 10:30. Different irrigation pumps and nozzles may be demonstrated at his farm.

About one-half mile southwest of John's, on Pinkerton Road, is a very

simple, low cost earthen bank, picket fence system on the farm of Moses Good. The tour stops there at 11:30. He has a tie stall barn.

Robert H. Kauffman on Bossler Road, 2 miles south of the Rheems exit of Route 283, has a springy meadow and a stream near the end of

his tie stall barn. His stable manure and lot scrapings are pumped into a Slurry Store unit. The tour arrives there at 1 p.m.

At 2 p.m. the final stop will be the Noah Kreider farm on Indian Village Road, about 2 miles east of Manheim.

Noah has two systems. Manure from one free stall barn is scraped into a pit and is loaded out by gravity through a hydraulically operated gate. His other barn is completely slatted, requires no scraping, and the manure is pumped out as a liquid.

## Maryland dairy department names two new members

COLLEGE PARK, Md. — Two new College of Agriculture faculty members have joined the department of Dairy Science. Both hold the rank of assistant professor.

One is Robert R. Peters, a lactation physiology specialist. The other new staff member—a specialist in cattle nutrition—is Richard A. Erdman.

Peters will primarily be an extension specialist, with some research duties. He will have responsibility for the development and implementation of an educational program related to the prevention and control of mastitis and efficient milking management.

At Michigan State where

he earned his Ph.D., Peters conducted research demonstrating that day length has a definite effect on the amount of milk produced by lactating cows and the growth rate of maturing dairy animals.

Peters has extensive experience working with dairy cattle, having grown up on a dairy farm in western Minnesota. He was also a 4-H member for nine years and a member of the Future Farmers of America for three years.

His co-worker, Richard Erdman, will be involved in teaching courses in dairy cattle nutrition and conducting research on improving the efficiency of feeding dairy cattle.

As a graduate student at the University of Kentucky, Erdman did research evaluating buffers in the diets of dairy cattle and their effects on feed intake and milk production. In addition to his research, Erdman also coached the inter-collegiate dairy cattle judging team.

Like Peters, he gained experience with dairy cattle on the family farm.



## SPECIAL PROGRAM PRESENTING

**Richard M. Clark**

Manager of Dairy Special Matings for

American Breeders Service  
DeForest, Wisconsin

Topic: BREEDING BULL MOTHERS & THEN

### Locations:

- Tuesday, March 18 - 10:30 A.M. - 2:30 P.M.  
Shillington Restaurant - Lunch On Rt. 222 in Shillington, Berks Co.
  - Tuesday, March 18 - 7:30 P.M. - 9:00 P.M.  
Willow Valley Farms Restaurant On Rt. 222 South of Lancaster
  - Wednesday, March 19 - 10:30 A.M. - 2:30 P.M.  
Papertown Dairy Bar - Lunch On Rt. 116 (York County) on East Side of Spring Grove
- For More Details Contact Your Local ABS Representative

Bangor, PA	Eric Heinsohn	215-588-4704
Baptistown, NJ	Cindy Gordeuk	201-996-2088
Columbia, PA	James Charles	717-898-8694
Ephrata, PA	Darvin Yoder	717-733-0966
Holtwood, PA	Paul Herr	717-284-4592
Lebanon, PA	Paul Martin	717-949-2381
Leola, PA	Lynn Gardner	717-656-6509
Newburg, PA	Jerry Babonis	717-423-6451
Port Murray, NJ	Robert Kayhart	201-689-2605
Reading, PA	Robert Greider	215-378-1212
Stewartstown, PA	Tom Engle	717-993-6836
Thomasville, PA	Ira Boyer	717-225-3758
West Grove, PA	Maurice Stump	215-869-9187
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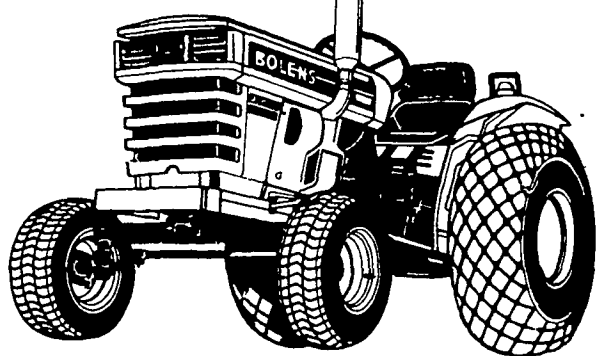
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