

## Teachers Go To School To Learn IPM

UNIVERSITY PARK (Centre Co.) — Responding to proposed K-12 academic standards that call for integrated pest management (IPM) to be taught as part of units on the environment and ecology, the Pennsylvania IPM Program is offering a course to help teachers incorporate IPM into their curriculum.

IPM aims to control pests — such as insects, diseases, weeds and animals — by combining physical, biological and chemical tactics that are safe, profitable and environmentally compatible.

The class, "IPM for Teachers K-12: Meeting New Academic

Standards," (ENT 497D) will be June 28-30 at Penn State's University Park campus.

"The course will provide the basis for teaching IPM concepts in the classroom, as well as indoor and outdoor activities to demonstrate real-world pest management decision-making skills," said Lyn Garling, education specialist with the Pennsylvania IPM Program at Penn State. "Participants will leave with IPM collection kits, a large notebook, posters, resource lists and several books and 4-H activity guides that will help them understand the concepts involved in IPM."

"IPM combines information about pest identity, biology, and population growth with the use of multiple tactics to prevent or manage pest problems if necessary," said Garling. "IPM activities are well suited for hands-on learning that cuts across the curriculum, from biology, chemistry, and ecology to math and statistics."

Garling will team-teach the course with Kerry Richards of Penn State's Pesticide Education Program. For more information, contact Garling (phone 814-863-8884 or e-mail ljg5@psu.edu) or Richards (phone 814-865-2134 or e-mail kmh14@psu.edu).

## Milking Parlor Development Workshop For Dairy Grazers

MILLHEIM (Centre Co.) — A day-long workshop for farmers and landowners on the design and construction of milking parlors suitable for dairy grazers will be held at Cove Mt. Farm in Mercersburg, PA on Thursday, June 22.

The focus of the workshop will be on herringbone "swing" parlors, a design used widely in

New Zealand and also by many dairy grazers here in the U.S. Swing parlors can be a lower cost alternative for dairy farmers who might not have the resources for a conventional parlor development. They are extremely efficient and capable of milking a large number of cows very quickly.

The featured speaker will be Vance Haugen from the University of Wisconsin extension. Haugen has worked extensively with dairy farmers in Wisconsin to plan and build swing parlors, often installing them in older stanchion barns.

Other speakers will be Dean Bell from Waikato Milking Systems; Doug Parker, grazing consultant from Williston, Vermont; and Ron Geck, a dairy farmer from Cambridge, New Zealand.

Glenn Moyer, Dave Rice, Duane Hertzler, and Phil Risser — farmers who have built swing parlors in the last two years — will participate in a panel discussion to share their insights on parlor development.

The program will run from 10 a.m. to 3 p.m. Participants are invited to stay after the workshop for afternoon milking in Cove Mt. Farm's 16-unit swing parlor at 4 p.m.

Advance registration for the workshop is not required; however, box lunches will be available only to those who call prior to June 20. Cost for lunch is \$5 per person, payable the day of the workshop. Workshop sponsors include American Farmland Trust, Pennsylvania Association for Sustainable Agriculture, USDA-Natural Resources Conservation Service, and Franklin County Graziers.

For more information or to reserve a box lunch, call (717) 328-4400. Cove Mt. Farm is located on Rt. 456 in Franklin County, nine miles south of Rt. 16. The farm is just seven miles north of Rt. 70 and the Maryland

state line. From Rt. 70, take exit 5, head north on Hollow Rd. and turn right on Rt. 456 once you've crossed into Pennsylvania.

For more information on Cove Mt. Farm, visit the American Farmland Trust's website on grass-based farming systems at <http://grassfarmer.com>

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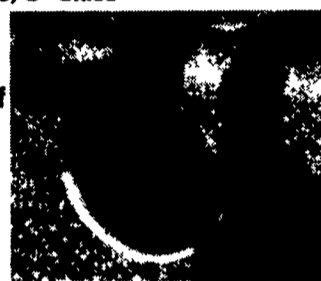
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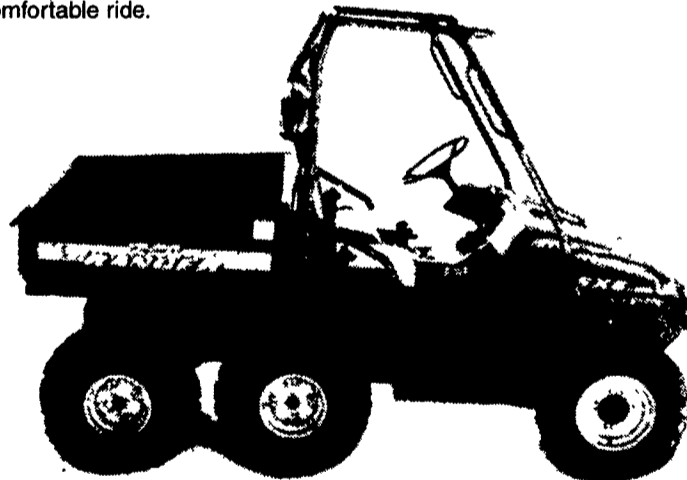
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