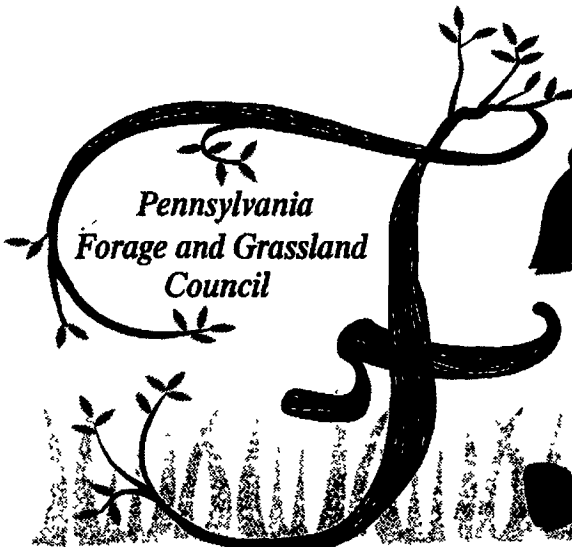


# SPECIAL

## SATURDAY, SEPTEMBER 13 ISSUE

'Industry, Farmer, Scientist - Working Together Toward A Sounder Grassland Program'



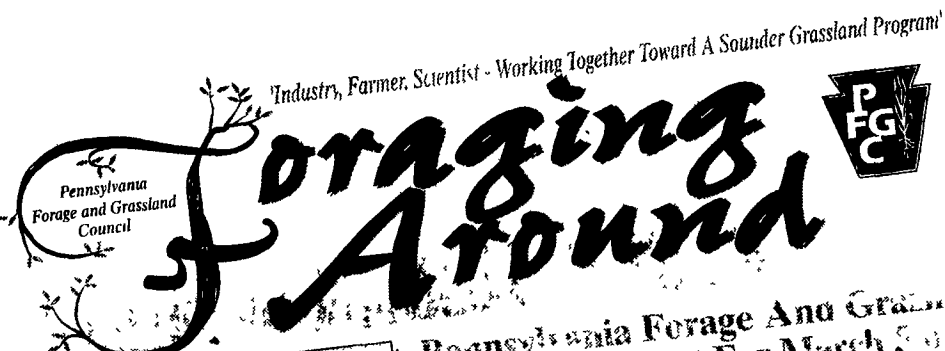
# Foraging Around



## 2003 PFGC FALL NEWSLETTER

### Forage Varieties

- Poultry Pasture Research
- Haymaking and Grazing Info
- PFGC, AFGC Info
- Hay Show Awards From Ag Progress



### Pennsylvania Forage And Grazing Conference Set For March 5 & 6

**Irish Brothers, Genetic Researcher On Slate**

GRANTVILLE (Dauphin Co.) — This year's Pennsylvania Forage and Grazing Conference will take place March 5 and 6 at the Holiday Inn in Grantville.

This conference has something for forage producers and graziers at all levels of experience. The conference is sponsored jointly by the PFGC, the Pennsylvania Grazing Research and Education Center, Pennsylvania's Grazing Lands Conservation Initiative, and Penn State Extension.

The first day of the conference kicks off with brothers John and Tom Roche. John works as a grazing researcher/consultant in New Zealand, and Tom manages the home dairy farm in Ireland. These brothers have recently been exploring the possibilities of starting a grazing dairy here in the U.S. Over the



John Roche is one of two Irish brothers who will share views on untapped grazing potential at the PFGC Grazing Conference March 5 and 6.

### Jersey/Holstein Crossbreeds

**DAVE LEFEVER**, Lancaster Farming Staff (Berks Co.) — Nevin Mast has been crossbreeding Holsteins and Jerseys for about 10 years.

"I just like the cross so well," the dairyman said during a pasture walk on his organically certified farm last September.

Mast hosted about a dozen farmers who were interested in seeing his grazing operation. Joining the group was Mona Hautau, Berks County extension agent, and Dr. Steve Washburn, a dairy researcher from North Carolina State University.

Grass and hay are the main source of feed for the 50 cows on Mast's 110-acre farm. He supplements milking cows with 12-14 pounds of grain per day. Heifers between the age of four months and their first calving receive no grain.

Advantages of the Holstein/Jersey cross include easier breeding and calving,

hybrid vigor, and greater survivability, according to Mast and Washburn.

"The biggest gains are in the survivability traits," said Washburn, who studies the benefits of crossbreeding in dairy herds. He predicted that crossbreeds will have an increasing impact on commercial dairy production in the future.

Washburn is one of the speakers slated for the upcoming Pennsylvania Forage and Grazing Conference scheduled for March 5 and 6 in Grantville.

A typical average first-conception rate for purebred Holsteins when using artificial insemination is between 30 and 40 percent. In crossbreeds, that number can reach nearly 50 percent, according to Washburn.

Washburn said dairy farmers need to have a plan when it comes to crossbreeding. The plan should include research into the fertility of the daughters of bulls used in the crossbreeding program, and knowing the bulls' production data. While hardiness and reproductive traits are important, production must be a primary goal.

As Washburn put it, "Milk still pays the bills."

In crossbred cows, production levels tend toward the higher-producing breed, he noted.

While Jersey and Holstein genetics make up the main part of the gene pool on Mast's farm, he also enjoys experimenting with different types of crossbreeding. For example, Mast said he recently purchased a White Park bull to breed to some of his heifers



Nevin Mast discusses his crossbreeding program during a pasture walk on his Berks County dairy farm last September. Dr. Steve Washburn, one of the presenters set to speak at the upcoming PFGC conference, joined the group of graziers on Mast's farm.

### Project Grass Expands, Pushes Ahead

**Graziers Can Apply For Cost-Share Funds**

**DAVE LEFEVER**, Lancaster Farming Staff (Centre Co.) — Project Grass is on the move.

Last year, the grassroots, grassland management group expanded to include every region of Pennsylvania, and has been at work developing new programs to foster grass-based farming and conservation practices in the state.

Last November marked the first-ever Project Grass Conference. More than 100 people attended the two-day event at State College.

The conference included presentations on the history of Project Grass — first formed in Southwest Pennsylvania in 1980, research findings on the economic and environmental benefits of livestock grazing

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