

## Dairy Day Draws 450

(Continued from Page A21)

fun trivia activity for the youth, the program also offered a serious side as Penn State representatives gave presentations on many issues that face dairy farmers daily.

The morning program time

was split between Drs. Bhushan Jayarao and Robert Van Saun, fellow extension veterinarians with Penn State University.

Jayarao focused his presentation on the prevention and control of mastitis in early and late lactation. He stressed the impor-

tance of an adequate dry period as well as the cow's environment.

"If you don't give a long enough dry period, you don't get good re-growth of the alveoli (the cells that produce milk). In the next lactation, the peak milk production will be lower," he said. He also noted that many new infections of mastitis happen at the time of drying off or right before calving.

"When there's pressure on the udder, such as when she is entering her dry period or when she is ready to calve, many cows leak milk. That gives the bacteria a chance to enter the udder," he explained.

Jayarao also highlighted prevention methods involved in a dry cow mastitis program. Steps included are to test all cows five to seven days prior to drying off with the California Mastitis Test. Quarter milk samples should be submitted for culture on cows with a positive score, or cows can be treated with a mastitis lactation preparation. Regular dry cow therapy can be used on all cows with negative test results, he said.

"Treat her right, keep her in a clean, dry environment and she will do the right things for you," said Jayarao of all dairy cows.

Van Saun added that the

(Turn to Page A43)



Members of the Athens Area FFA manned a booth that measured reaction time using a simulated power takeoff. Here Diane Elliott, Towanda, prepares to pull away from the device, while FFA members Kyan Wood and Steven Raymond watch her time.



Dr. Bhushan Jayarao, left, and Dr. Robert Van Saun, Penn State extension veterinarians, gave presentations on managing mastitis and preventing metabolic diseases, respectively. Both focused on the cow's dry period as a time of increased management to prevent future problems.

## Checklists

(Continued from Page A41)

simplifying, and de-stressing their lives to give more time for family, according to Shirk. The public is building bigger houses with smaller dining rooms but larger kitchens. Cooking shows and books are also enjoying rising popularity. "So basically people have less time for cooking but more interest in doing it," he said.

America is showing a desire to return to basics, with growing importance of eating as a family. Also increased concern in environmental issues and where the food comes from and how it was raised will also impact agriculture. Consumers are also looking at improving their health by what they eat, which will direct marketing of products. In addition they are concerned over ethics and buying food from a socially-responsible company.

"The bottom line is, what kind of a farm do you want to manage, and who do you want to produce for?" said Shirk.

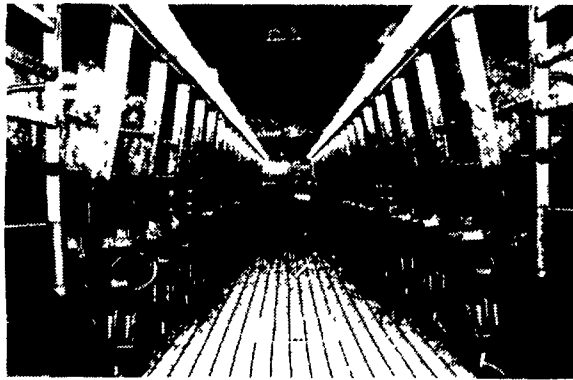
SANDBLASTING - SPRAY PAINTING - AERIAL LADDER EQUIPMENT



HENRY K. FISHER & SONS, INC.

667 Hartman Station Road  
Lancaster, PA 17601  
(717) 393-6530

# CONGRATULATIONS to Hissong Farmstead Larry, Dennis & Kirby Hissong for their new dairy facility in Greencastle, PA



New 700 cow State of The Art facility includes Westfalia/Surge Equipment.

- Double 20 Magnum 40 Parlor with arm take offs
- ProMotion crowd gate
- Dairy Plan software
- Milk metering, auto ID, sort gates
- PLC controlled wash system and barn flush system

Thanks for your confidence in Fisher & Thompson for your equipment needs.



**FISHER & THOMPSON**  
INCORPORATED

DAIRY & MILKING  
EQUIPMENT  
SALES & SERVICE

MAIN OFFICE

15 Newport Rd., Leola, PA 17540 • 717-656-3307

CHAMBERSBURG  
717-352-7606

MIFFLINBURG  
570-966-3900

BELLEVILLE  
717-935-7422

Open Saturday 8 a.m. - Noon (Leola & Belleville Shops Only)

