

Berks Extension Reports Year's Accomplishments, Goals

(Continued from Page A1)

had been removed from the home because of improper care. Bonilla's bilingual abilities played an important part in her ability to teach cooking on the local television channel. Many of the families received 28 hours of food instructions.

Rick Kauffman, John Falter, and Grace Webber reported on their work with the urban 4-H program.

Falter said that agriculture continues to be the focus even though the program is in a different environment. Kids, he said, love the projects and respond in the same manner that rural members do. In the urban program, 4-H members did container gardening and even beautified vacant lots by gardening.

One vacant lot needed to have 11 dump loads of trash removed before the children could plant the

area with bushes, trees, vegetables, and flowers. Members then learned to arrange bouquets with the flowers they grew and try to the vegetables that reflected the diverse tastes of the neighborhood.

In working with soil and plants, the students also learned about earthworms, lady bugs, spiders and insects.

Judith Schwank, county extension director, reported that the vacancies of extension staff has been filled since last year. Both local and multi-county extension agents work together to provide expanded educational programming for countians.

Dr. Hector Flores, Penn State professor of plant pathology and biotechnology, helped the audience grasp the research being done to develop new products by using roots. For example, toothpaste with an anti-plaque compound and dyes that may be used for clothing or in lipstick to prevent bacterial infection have been developed.

Biotechnology enables scientists to isolate plant embryos and transplant them in other plants for mutation and engineer genes that carry resistant viruses. Introducing a single resistant gene into a plant will continue to carry the virus



Evelina Bonilla, left, receives a Nittany Lion statue for her 25 years of work with the EFNEP program. Fay Strickler, extension home economist, and Bob Leiby present the award.

resistant genes into succeeding generations of the plants.

"Biotechnology is a partnership between scientists, sociologists, economists, and farmers," Flores

said. The new technology carries lots of promise and some dangers since many of the studies are owned by chemical companies that can decide how to engineer plants.



Extension director Judith Schwank, right, talks with John Falter, extension assistant for urban 4-H, Grace Webber, teacher and 4-H volunteer, about the urban 4-H program.

Buttermore's Aged Cow

(Continued from Page A20)

Hunter, of Washington County. In other news, the fair celebrated its 40th anniversary by dedicating a new structure on the 160-acre fairgrounds, located south of Greensburg. State Secretary of Agriculture Boyd Wolff was in attendance for the dedication ceremony.

Westmoreland County Dairy Show

- SPRING CALF: 1.Jame McQuaide; 2.Justin Watson
- WINTER CALF: 1.Rachel Ebert; 2.Kathy Hudson
- FALL CALF: 1.Dave and Bar Miller; 2 James McQuaide, 3.James McQuaide
- SUMMER YEARLING: 1.Kathy Hudson; 2.William Buttermore
- SPRING YEARLING: 1.Dave and Bar Miller; 2.J.W. Buttermore
- WITNER YEARLING: 1.Jarred Frecura; 2.Jenny Vance
- FALL YEARLING: 1.Dwight Steel
- JR GET: 1 Kathy Hudson; 2.James McQuaide

- JR BEST THREE: 1.Dave, Bar Miller; 2.James McQuaide
- JR 2-YR-OLD: 1.James McQuaide, 2.William Buttermore
- SR 2-YR-OLD: 1.James McQuaide; 2.Stacy Frye

- 3-YR-OLD: 1 Amanda Buttermore; 2.James McQuaide
- 4-YR-OLD: 1.James McQuaide; 2.William Buttermore
- AGED COW: 1.J.W. Buttermore; 2 Andrew Ciesielski



From the left, Kathy Hudson shows her grand champion Holstein of the youth division, while Elizabeth McQuaide shows her reserve grand champion.

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