VOL. 32 No. 14

Lancaster Farming, Saturday, February 7, 1987

Five Sections

\$8.50 Per Year

Biotechnology Forces Agriculture To Deal With New Groups

BY EVERETT NEWSWANGER **Managing Editor**

WASHINGTON D.C. — At the USDA Biotechnology Challenge Forum here Thursday, William Marshell said biotechnology forces agriculture to deal directly with nterest groups it heretofor did not sense the need to include.

Marshell of Pioneer Hi-Bred and chairman of the National Users Advisory Board listed these new interest groups as the enpronmentalist, the theologian and the city dweller. The forum called together 350 to 400 national, state,

European and Japanese government and industry leaders as well as scientific biotechnology and communications leaders. Discussion at the forum included regulation of biotechnology, the opportunities in biotechnology and communicating with the public about biotechnology.

Marshell stressed the need to move forward in this research to reduce agricultural imput costs rathan than increased production. "Since 1976 the variable imput costs associated with planting corn have increased \$55 per acre,'

prices, yield increases of 18 bushels per acre would be necessary just to cover the rise in imput costs. Increases in productivity cannot assure profitability," Marshell said. "We need to develop a whole new menu of inexpensive technologies to support inexpensive commodities. The low commodity prices of the future cannot support the traditional costs of imputs.

Dr. Orville Bentley, USDA's assistant secretary for science and education, said the ability to transfer genetic information molecules under laboratory conditions may be the most significant development of recent times for applied biology The ability of techniques to modify cellular components in order to achieve desired practical objectives provides a new tool of unparelled promise to agricultural scientists. For the first time, we can identify and isolate a specific genetic segment from a plant, which will create predictable end results. The door is open for us to progam the ability to vary a plant's nutrient intake from soil, sun, water or fertilizer to inpart resistant to a specific desease, insect or environmental stress and to enhance product quality In animals molecular biology enables us to modify body composition to meet the demand for leaner meats and to increase growth and production through the use of biotechnologically produced copies of naturally occurring substances

(Turn to Page A32)

Members, Leaders Honored At Lancaster 4-H Banquet BY JACK HUBLEY

LANCASTER — It was Saint Patrick's Day, 1937 when a young Penn State graduate named Max Smith began his Extension career as an assistant county agent in Lancaster County.

The transplanted Washington Countian must have liked what he found, both in the county and the 4-

H**p**rogram. Half a century later, Smith's legacy lives on, in the form of the more than 300 4-H beef and sheep club members and supporters who gave him a standing ovation at the Lancaster County 4-H Livestock Banquet on Thursday evening at the county's Farm and Home

During his tenure as county agent from 1937 to 1981, Smith guided club members to 16 grand

Center.

champion steer and 19 grand champion lamb trophies at the State Farm Show. Starting with 33 4-H members in his first year, Smith-backed up the ranks to 176 members in 1958, a record that still

According to the veteran county agent, a trip he made to Colorado during the 1950s may have been one of the reasons for the growth in the club's popularity. Smith made the trip to scout for some Hereford show prospects that might be good enough to break the string of Farm Show wins posted by Angus steers from the Lehigh Valley. Visiting ranches in the Colorado Rockies, he finally found what he was looking for.

"We picked a carload of Hereford calves and they turned (Turn to Page A26)

Lancaster County Independent Dairymen To Receive Letter

BY EVERETT NEWSWANGER **Managing Editor**

LANCASTER - Dairymen across the state of Pennsylvania are quickly getting the message through the farm press and local meetings that the Regional Cooperative Marketing Agency, Inc (RCMA) can put extra money in their pockets

The major questions seem to be where is this extra money coming from, and will my local independent handler be hurt by my association with RCMA. These questions and more will be answered in a letter to be mailed this week to the 650 independent producers in Lancaster County This local area has a concentration of of dairymen who ship to independent handlers so the mailing is being used as a test to see if armers will return the enclosed RCMA contract without the need to make personal visits and ad-

ditional mailing Harold Ely, RCMA state coordinator, and Donald Ranck, county (Turn to Page A31)



Harold Ely (left). and Donald Ranck visited the Lancaster Farming office this week in the interest of a local RCMA letter to be sent to Lancaster County dairymen who are not members of a dairy cooperative.

Larry Hay, region 5 vice president, congratulates the Outstanding Young Farmer Over 30, Tim Brown, and his wife, Marcia, of Adams County.



Harry Hilbert, region 4 vice president, congratulates the Outstanding Young Farmer Under 30, Wayne Heimbach, and his wife, Correne, of Snyder County.

Brown, Heimbach Selected **PYFA Outstanding Farmers**

the Pennsylvania Young Farmer's Association honored two farm couples with Outstanding Farmer awards during their annual convention banquet in Gettysburg Thursday evening.

Timothy and Marcia Brown of the Gettysburg Young Farmer Chapter received the award for the Outstanding Young Farmer Over 30, while Wayne and Correne Heimbach of the Selinsgrove Chapter were named the Outstanding Young Farmer Under 30.

The Browns, who represented region 4 in the competition, are dairy farmers. Tim is a 50 percent partner with his brother, Martin, in an operation that consists of 75 Holstein cows and 75 head of replacements They grow corn, small grains and hav

The Browns are active the Kingsdale Fire Company, DHIA, Interstate Milk Producers and St. Mary's United Church of Christ

Under 30 winners Wayne and Correne Heimbach from Snyder County are also dairy farmers. Wavne is a partner in a dairy operation that consists of 135 milk cows and 140 replacements They grow corn, small grains and hav Parents of two children, the

Heimbachs are active in PFA, Farm Bureau, PYFA and the Mifflinburg Church of the Nazerene They represented region 3 in the competition

Other regional finalists in the Under 30 contest were Kerry and Deborah Bovd of the Ephrata

GETTYSBURG - Members of Young Farmer Chapter, Stanley and Gina Meyers of the James Buchanan Young Farmer Chapter, Donald and Janet Cober, Jr. of the Berlin Brothersvalley Chapter, and Sam and Starr Geesaman from the Northern Lebanon Chapter.

Regional finalists in the Over 30 group included Robert and Deborah Wenger of the Solanco Chapter, Allen and Linda Wehr of the Mifflinburg Chapter, Richard and Nancy Walker of the Berlin (Turn to Page A27)

Breakfast With PA Legislatures

HARRISBURG - Dairylea Cooperative, Inc , held an informal breakfast for dairy farmers and Pennsylvania state senators and house members this week here in the Tuesday Club. This meeting gave Dairylea members and state legislatures face-to-face discussion of current dairy and ag issues. About 50 people attended the breakfast

Dairylea was founded in 1907 and is a milk marketing cooperative headquartered in Syracuse, New York. This cooperative is comprised of dairy farmer mem-ber/owners with the marketing objective to supply a guaranteed market for all producers at the best possible return Dairylea membership area includes New York, Pennsylvania and New Jersey and parts of New England