

# Lancaster Farming

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\$2 Per Year



CORN GROWING AWARDS are exhibited by Leo Martin, seated left, and Donald Herr, to classmates at the Lampeter-Strasburg High School. Looking on, left to right, are William Houser, Elmer Stoltzfus, and Clarence Neff.

## High Carbon Dioxide In Greenhouses Ups Yields

Heavy concentration of carbon dioxide in greenhouses has doubled the yield of lettuce and increased tomato yields by four or five pounds per stalk, a Penn State extension vegetable specialist said Monday.

James Dutt, speaking at a meeting of county vegetable growers on the Farm of Amos Funk, Millersville R1, said that while the work is still experimental, the introduction of extra carbon dioxide into greenhouse atmosphere in winter appears to give excellent results.

Researchers in England found that about 300 parts per million of carbon dioxide in the atmosphere (about the amount in outside air) is needed for plants to make normal growth. Sometimes in winter the carbon dioxide content in greenhouse atmosphere drops to 150 to 200 ppm, which stops plant growth even though light, moisture, temperature and fertilizer conditions are ideal.

Dutt said, by keeping the carbon dioxide content at 800 to 2,000 ppm, plants will produce more fruit out of proportion to vegetative growth. The extra carbon dioxide appears to partially compensate for

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## Farm Calendar

- Feb. 17 — 7:30 p.m. — Central 4-H tractor club meets at the shop of L. H. Brubaker, Lititz.
- 7:30 p.m. — Dairy meeting in the Farm Bureau building, Dillerville Road, Lancaster, sponsored by Farm Bureau Cooperative.
- 7:30 p.m. — Adult class in welding at the agriculture shop of Ephrata High School.
- 7:45 p.m. — Manheim Young Farmers class at the Manheim Central High School. Subject, Farm credit and financing.
- 8 p.m. — Reorganization meeting of the Lancaster County 4-H leaders council on the Production Credit building, Roseville Road.
- Feb. 18 — 7:30 p.m. — Northeast 4-H Tractor club meets at the International Harvester store in Ephrata.

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## Fulton Grange Adds Member

Earl D Smoker, Quarryville R2, was taken in as a new member of Fulton Grange #66 at a meeting Monday night in Oakryn Hall.

Master Gyles Brown appointed the home economics committee to take charge of the turkey supper to be held April 4. The committee members are Mrs Charles Long, Mrs Harold Alexander, Mrs Joseph Sinclair, Mrs Wilmer Carrol, and Mrs James Mullen. W. Scott Ankrum is in charge of ticket sales.

The Lecturer, Charles McSparran, presented the program. Mrs. Donald McSparran gave a talk on interior decoration.

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## Local Future Farmers Of America Celebrate National FFA Week

National Future Farmers of America Week is February 15-22, and members throughout the nation are participating in activities to focus attention on the importance of agriculture.

## Lampeter FFA Members Win Corn Awards

Two Future Farmers from the Garden Spot Chapter at Lampeter Strasburg High School won awards in the Pennsylvania Crop Improvement Association's one acre corn growing contest.

They are Donald Herr, 2125 South View Road, Lancaster, and Leo Martin, Strasburg R1. Herr placed third in the Group IV maturity class of the contest. He grew 144 bushels of shelled corn to the acre with a cost of 47 cents a bushel and a profit of \$103.00 per acre. Martin placed in the 100-125 bushel class with a yield of 122 bushel per acre at a cost of 44 cents per bushel and a profit of \$88.00 for an acre. Herr achieved his yield with DeKalb 805 while Martin used Funk G91.

The one-acre corn contest is conducted annually by the Pennsylvania Crop Improvement Association.

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## Milk Co-ops Canvass Co. Eastern Milk Producers Will Insure Price Metropolitan Agency Seeks To Form New Co-op

In a bid for membership in Lancaster County, Eastern Milk Producers Cooperative Assn., Inc., this week guaranteed dairymen a full milk order blend price.

The announcement, directed to dairy farmers in the New Holland Farms and Tri-County Dairies area, was made by James Speer, Blairs Mills, Pa. He is the cooperative's district director representing producers in Lancaster, Chester, Berks and Lebanon counties.

He said the 9,000-member cooperative is guaranteeing the full order market price less

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Representatives of a large dairy farmer cooperative federation are currently canvassing this area of Pennsylvania in an effort to help dairymen form their own local cooperatives and find better markets for their milk.

A spokesman for the Metropolitan Cooperative Milk Producers Bargaining Agency, Inc., headquartered in Syracuse, N. Y. said it has representatives in this area of the state who are contacting dairymen who sell their milk under the New York-New Jersey marketing order.

The spokesman said that the

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## College President Calls For Excellence In Education

A college president Tuesday night labeled as a "myth" the idea that the top college students come from large metropolitan high schools.

Dr Keith Spalding, president of Franklin and Marshall College, speaking at the annual meeting and banquet of the County Extension Association,

said he is encouraging students from small rural high schools to enroll in college.

The myth grew up because "we do not have tests which measure accurately such things as originality, creativity, motivation, desire, and initiative."

Dr Spalding called for excellence in education, saying, "Education of all kinds is important, but excellent education will be the saving of the nation."

Excellence is elusive, but it is important enough to be a national goal. Excellence must be espoused across the board. We need the rigors of excellence in all phases of our national life, he said.

Calling attention to our growing population, Dr. Spalding said there is an "unsettling factor" in the progress of our society. The urban-centered society of today has in it more seeds of self destruction than did the agrarian society of a century ago.

He said, "It does no good to be nostalgic," about the changes.

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## FIVE-DAY WEATHER FORECAST

Temperatures during the next five days are expected to average near normal for this time of year. Normal temperatures range from a low of 24 at night to a high of 42 in the afternoon. Moderating temperatures today will give way to colder Sunday with little day to day period. Precipitation may change for the rest of the day 0.1 to 0.5 (melted) occurring as some scattered snow or rain late Saturday or Sunday and again at the end of the period.

Most of the 10 local chapters are planning special programs to celebrate the week.