

Dr. Wilson, Animal Scientist, Honored

One of the nation's highest awards to animal scientists was presented to Dr. Lowell L. Wilson of The Pennsylvania State University. Dr. Wilson received the animal management award of the American Society of Animal Science and a check for \$1,000 during the Society's annual meeting.

One of the youngest animal scientists ever to receive the award, Dr. Wilson received the doctor of philosophy degree from South Dakota State University in 1964. Since the early 1960's he has been the author or co-author of 45 technical papers and 150 semi-technical or producer-oriented articles.

As Extension beef cattle specialist at Purdue University from 1964 to 1966, he had primary responsibility for advising cattlemen involved in cow-calf

operations in Indiana. During this period the number of herds that were performance tested in Indiana increased from 35 to 130. At the same time, he was helpful in founding the Indiana Cattleman's Association and was cited by the group for his achievements.

While at Purdue University Dr. Wilson established one of the first beef bull-dairy cow crossbreeding research projects. He was responsible for initiating electronic data processing of beef cattle improvement association records in both Indiana and South Dakota.

In 1966 he accepted a position as associate professor of animal science at Penn State. He was promoted to professor in 1971. Among his achievements with the Agricultural Experiment Station at University Park are the

following:

He has shown that beef cows produced by crossing beef bulls with dairy cows develop larger calves than otherwise—since the calves gain weight rapidly because of the milk-producing potential of the dairy cow mother.

Another experiment indicates that the ranking of sires, based on weight gains and feed efficiency of offspring, is affected little by the actual "level of performance" in herds in which the offspring are evaluated.

Dr. Wilson also determined that the dimensions of a beef animal's body are not always useful in predicting the value of the carcass. For many years such dimensions were considered good indicators of carcass quality.

Dr. Wilson and associates determined that the animal growth-promotant known as zeranol can increase weight gains economically. The result is that zeranol can replace DES (diethylstilbestrol), a growth-

promotant once used widely by livestock producers but now forbidden by the Food and Drug Administration.

At the same time, it was determined that zeranol has no harmful effect on carcass meatiness or carcass quality. The same studies also found that zeranol, and combinations of other growth-promotants, are no more efficient than zeranol used alone.

His experiments proved the effectiveness and safety in using processing wastes from fruit packing plants for beef cattle feed. The recycling of wastes was found beneficial to the farmer, the food processor, and the consumer.

Dr. Wilson and associates have shown that partially castrated male lambs, known as cryptorchids, are more efficient in rate of weight gain and feed efficiency than traditional castrated wethers. Also, meat from such cryptorchid castrates is highly acceptable compared to meat from rams.

Financial support for the \$1,000 award came from Merck and Company, Inc.

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An unusual and appreciated baby-shower present, especially for a first baby, is a fever thermometer and a first-aid book.

4-H Calendar

Monday, August 6
6:30 p.m. — Penn Willow 4-H Club Roundup-Covered Dish Supper, Safe Harbor Park.
4-H State Days, Penn State University, August 6 - 8.

Thursday, August 9
7 p.m. — Lititz-Manheim Community 4-H Club Family Night, Lititz Church of the Brethren Pavilion.
7 p.m. — Queen and Talent Preliminary Competition, Farm and Home Center.

Friday, August 10
District Dress Revue, Plymouth Meeting Mall.
Penn Willow 4-H Club Field Trip to Hershey Park.

Saturday, August 11
4-H County Council Sub Sale.

Full-Employment Growth Anticipated By Bank of America

The pattern of consumer spending over the next six to nine months will largely determine the overall pattern of economic activity in the United States over the next two years, says a Bank of America economic forecast.

"The longer the current boom in consumer durables continues, the more severe will be the correction in 1974," says the current forecast, "Focus on the U.S. Economy: the Next 18 Months."

The big question facing the economy is whether the rapid expansion during the first half of 1973 can be slowed to more sustainable rates without causing an actual downturn in economic activity. The report indicates that it can.

"We believe a sustainable full-employment growth path will be achieved without a full-blown recession," the bank's economists say. "However, real output growth could be close to zero or even negative in one quarter in late 1973 or early 1974."

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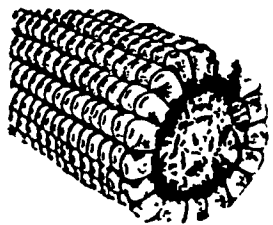
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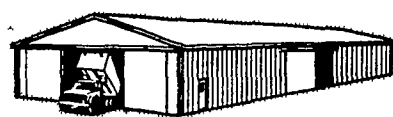
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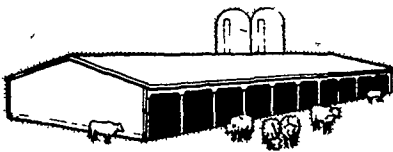
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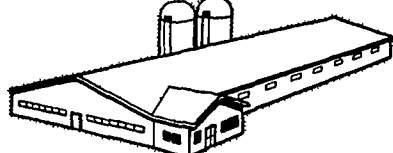
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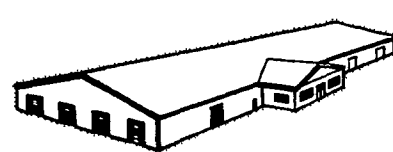
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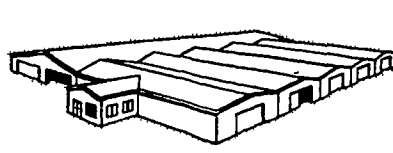
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