

# Zimmerman Is County Star Farmer for 1970

Jay C Zimmerman of Ephrata RD1, who hopes to become a dairy farmer, is Lancaster County's FFA Star Farmer for 1970. A member and officer of Cloister FFA Chapter, he is the son of Mr. and Mrs. James N. Zimmerman and a senior at Ephrata High School.

Zimmerman's farming program this year consists of six Holstein cows, 22 veal calves, three market lambs, six market hogs and several acres of field corn.

Zimmerman will receive \$175 to cover expenses for a trip to the national FFA convention at Kansas City.

Runnerup in the contest was Clair Witwer of Garden Spot FFA Chapter, Lampeter-Strasburg High School. Witwer is county FFA president.

Zimmerman has been very active in FFA events and recently won a gold medal in the dairy judging contest at Penn State.

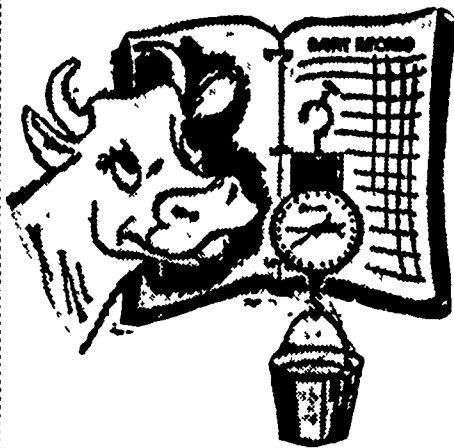
He is also active in 4-H work and the Ephrata Mennonite Church. FFA advisors at Ephrata are Lew Ayeis, Charles Ackley and Carl Graybill.

The Star Farmer award is based on a combination of farming program and leadership. Judges for the contest Monday at the Brownstown Vo-Tech School were: Earl Groff, personnel and public relations, Victor F. Weaver, Inc., New Holland, Miss Mary Alice Hunter, coordinator for speech and hearing services, Lancaster County Schools, and Stanley Musselman, farm representative, Lancaster County Farmers National Bank.

Other contenders for the county award and their FFA Chapters were: Kenneth Grube, Warwick; Jake Musser, Grassland; Scott Kleider, Solanco; James Kleider, Elizabethtown; William Landis, Penn Manor; and Wilmer Groff, Manheim Central.



Jay Zimmerman (right), chosen this week as Lancaster County Star Farmer for 1970, poses with Clair Witwer, runner-up.



## LANCASTER COUNTY DHIA MONTHLY REPORT

Facts  
Dairymen  
Should  
Know



By Max Smith  
Lancaster County Agent

### What's Your Goal?

Every dairyman should establish a production goal. A good goal is to ship 50 pounds of milk per cow per day under today's average milk price in Pennsylvania (\$6.08 per cwt). This will result in a \$1000 gross income per cow per year. Records indicate that expenses will "eat-up" about \$850 of this gross, so labor income will be \$150 per cow. Therefore, if your goal is to make a \$10,000 labor income it will take about 65 cows at this level of production to achieve the goal, if all of your income is from milk sales.

**Ketosis Prevention**  
Additional research, as reported in the May Issue of **Agricultural Research**, indicates two important steps that should be taken to prevent ketosis in the fresh cow (1) Don't have the cow too fat when she freshens (2) Feed the fresh cow an adequate diet high in grain and low in roughages.

The diet of the fresh cow can either increase or reduce the chances of ketosis. If the diet consists entirely of roughage, fermentation in the rumen favors production of acetic acid, which cannot be converted to glucose but can form ketones. But if the diet contains a high ratio of grain, rumen fermentation favors production of propionic acid, which can be converted to glucose. Glucose production in the cow is the key to preventing ketosis.

**Fast Milkers**  
Cows with wide teat canals are easy milkers and can be milked out more quickly. The width of the teat canal increases with each lactation. Easy milkers that milk out quickly give economic advantages to the dairyman, if he

A Registered Holstein cow owned by J. Eby Heishey, Gordonville RD1, has completed the highest 305 day lactation in July. Rach An produced 18,540 pounds of milk and 915 pounds of butterfat for a 4.9 per cent test.

Second high lactation was completed by a Registered Holstein cow owned by Ernest J. Sauder, Lancaster RD1. Bobbie produced 20,153 pounds of milk and 880 pounds of butterfat with a 4.4 per cent test in 305 days.

The herd of Paul B. Zimmerman, Ephrata RD1, had the highest daily butterfat average. The herd of 323 Registered Holstein cows averaged 52.3 pounds of milk and 2.11 pounds of butterfat with a 4.0 per cent test.

The herd of V. Ferry Rohrer, Columbia RD1, placed second. The herd of 340 Registered and Grade Holstein cows averaged 58.8 pounds of milk and 1.97 pounds of butterfat with a 3.4 per cent test.

### FIRST 305 DAYS OF LACTATION WITH 630 LBS. OR MORE OF BUTTERFAT

Owner - Name	Breed	Age	Days	Milk	Test	Fat
J. Eby Hershey						
Rach An	RH	6.8	305	18,540	4.9	915
Ernest J. Sauder						
Bobbie	RH	4.1	305	20,153	4.4	880
Lorna	RH	4.2	288	18,465	3.7	687
Spot	RH	2.2	305	16,241	4.0	653
Wanda	RH	7.3	291	15,824	4.1	643
Carl L. Martin						
Dois	RH	8.1	305	20,648	4.1	854
Annabel	RH	6.9	305	19,003	4.2	806
Marlene	RH	7.9	305	16,245	4.4	722
Bonita	RH	9.2	305	16,437	4.0	658
Martha	RH	4.9	305	14,714	4.3	639
J. Mowery Fleij Jr.						
Lolita	RH	6.9	305	21,954	3.9	852
Lester M. Hawthorne						
Sue	RH	7.11	305	19,436	4.2	810
Mystic	RH	2.6	305	18,114	3.8	683
Robert C. Groff						
Lill	RH	7.2	305	20,300	3.9	799
J. Z. Nolt						
Sandy	RH	10.5	305	20,763	3.8	792
Vicky	RH	2.5	305	17,776	3.8	677
Curtis E. Akeis						
Linda	RH	5.11	305	21,734	3.6	787
3	RH	8.10	305	20,142	3.8	761
Violet	RH	4.10	296	18,830	3.9	743
7	RH	9.10	305	20,197	3.6	735
Jacob S. Diener						
Pine	RH	5.8	304	18,806	4.2	785
John B. Groff						
Debby	RH	6.8	305	16,869	4.6	784
Corinne	RH	5.8	305	15,452	4.3	663
Rosy	RH	3.11	291	17,878	3.7	657
John L. Landis						
Elsie 25	RH	7.5	305	20,687	3.7	773
Pearl 30	RH	5.9	305	16,856	4.2	706
15	GrH	3.10	305	15,288	4.3	665

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# Lancaster County 4-H Queens Named

The Lancaster County 4-H queens were chosen at the annual Lancaster County 4-H Achievement Day last week. They are:

Kim Hess, 12-year-old daughter of Mr. and Mrs. J. Robert Hess, Bunker Hill Road, Strasburg RD1, junior queen.

Carol Huss, 17-year-old daughter of Mr. and Mrs. Warren Huss, 379 E. Main St., New Holland, senior queen.

The two were selected from among 10 finalists. More than 40 girls originally entered the competition.

The Hess family farms 100 acres and milks 40 head of cows with 25 head of replacement stock.

Kim began her 4-H experi-

ences at the age of nine and has just completed her fourth year.

Her projects include cooking and sewing in the Lampeter-Strasburg Mermaids Club and a heifer project with the Lancaster County Holstein Club. She plans to continue with the heifer project, expanding it to four or five animals by the end of her 4-H years.

Looking ahead, she plans to save her money from her heifer projects for college. She also wants to go further in the sewing club and anticipates future competition in dress reviews.

Also active in school, Kim was attending band camp this week following her crowning as Junior Queen. She plays the bells in the Lampeter-Strasburg High School Band and also

plays in the 8th Grade bell-ringers group. She is a Junior High Basketball Cheerleader at Lampeter-Strasburg.

Carol will be a Senior at Garden Spot High School where she is taking the Academic course prior to becoming either a dental technician or an art major. She is cheerleader captain for soccer, as well as a cheerleader for other sports.

Active in 4-H for the past seven years, starting at the age of 10, she is a member of the Garden Spot 4-H Club, which is a sewing club. This year Carol was in the top 10 in the county dress review, modeling her pantsuit of white bellbottoms, with navy blue knit tunic top. She had charge of the local fashion show and was in charge of decorations for that show.

Very active in the Garden Spot Club, she is a junior leader. She is presently a county council representative, went to Penn State as a delegate in 1969, and to camp near Penn State. Carol plans to remain in the 4-H Sewing Club until age makes her ineligible for membership.

Contest judges were Robert Malick, WGAL-TV farm editor, Lancaster, and Miss Betty Smoker, Ronks RD1.

Other finalists in the junior division were Karen Stoltzfus, Diane Kreider, Lois Wanner and Pamela Martin.

Other finalists in the senior

division were Beverly Martin, Ann Roth, Ellyce Jean Engle and Ida Reiff.

Master of ceremonies for the (Continued from Page 13)



Kim Hess (left) and Carol Huss, shortly after being crowned junior and senior 4-H queens at the Lancaster County 4-H Achievement Day at the Farm and Home Center.

**Lancaster Farming**

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