Young Farmers (Continued from Page 1)

both from the same parent center are specially equipped stock. They were obtained sim- for research. Others provide hay pushed the July Index of ply by selecting each genera- office, laboratory, and shop tion to conform to what they space. wanted.

pounds of gain the lean and search Center. Half of the workthe fat type swine gain rate is ers are scientists; half are subcbout the same. But after that professionals, clerical, farm, or you see the change. He also maintenance workers. noted that some animals have the inbred characteristics to stop eating when they get full nd others lay at the trough all Jay.

Other swine research has been done on artificial insemi- used in laboratory tests. nation and regulation of heat ycles. He reported the latter cluded the following: had a lot of promise.

famous Beltsville turkeys. At Keener Jr., Lloyd D. Esbenshade, grist, Jess R. Erway, Bob Gregpresent they are being used to Wilmer D. Esbenshade, Ray Bru. cry and Frank Campbell. . research the effects of skin grafting And also, the hatchrbility of turkey eggs is under study.

In poultry research, Morgan believes we have gone as far as possible on the present strains and they are now trying crosses with wild birds to find the good traits that can be developed

They are also doing egg laying research and feed conversion trials on broilers

On the dairy farm part of the wer 10 000 acre experimental center. the Manheim farmers were introduced to the cows in the repairation chambers Here they are doing research on animal habits and feed conversion The cows look like they would not like to be cooped up in the chambers but the researchers say they fight to get in because of the 68 degree air conditioning temperature One cow in the chamber put out 9,000 pounds of milk in 90 days to prove she is well adapted to the test chambers

Other research projects at the ¹airy farm are fly control, freeze branding and crossbreed ing The crossbreeding phase 's being discontinued however, because the first generation of rossbreed came into production with a great increase over the parents But in subsequent generations the crossbreed's production went below both breed averages.

They did try to breed into dairy animals the characteristic for heat resistance. but found they lost production So, they have decided it's cheaper to air condition your barn

The USDA Research herd average is over 17,000 lbs of milk and 735 lbs of butterfat They have top cows producing up to 25,000 pounds of milk as wo-year-olds even while being used for research projects

In the afternoon the local group was met by another staff specialist. Harley Daniel who

crops, timber stands, and soil- Level Advances treatment plots. Many of the buildings on the

Morgan said that up to 150 ployed on the Agricultural Re-

Kept on the Agricultural Refarm animals — beef and dairy keys and 3,500 small animals Hoover, Paul B. Kline, Ronald

The group saw a few of the Keener, Steve Keener, Clarence E. Hess, Dennis Hess, Carl Sie-

Penna. Price

Increasing price for most all commodities except grains and Prices Received by Pennsylvania Farmers up 12 points (5 per-About 2,400 workers are em. cent) according to the Pennsylvania Crop Reporting Service. The index of prices received

baker Jr., Glenn S. Brubaker, search Center are nearly 3,000 Raymond S. Brubaker, Parker Meck, Daniel H. Rohrer Jr., Jay cattle, hogs, and sheep — as H. Rohrer, Harold O. Shearer, well as 11,000 chickens and tur. F. F. Longenecker, Eugene G.

Kline, Preston W. Newcomer, Those going on the tour in- John R. Todd, Donald L. Hershey, Mervin Sauder, Jesse G: J. LeRoy Esbenshade, Jim Balmer, Jesse L. Balmer, John

for livestock and livestock prod- largest drop. The mid-July price ucts was up 4 percent-with in- of 78 cents was 14 cents below creases for most products in the the previous month. Corn at index. Meat animals registered \$1.16 was 3 cents under a month a 1 percent gain, as a result of a earlier. Wheat at \$1.11 was down \$1.00 rise in hog prices and a 20 11 cents; oats at 78 cents; rye at cent rise in steer and helfer 95 cents and soybeans at \$2.40 prices. Slaughter cows and sheep were all down 5 cents from a were unchanged, at \$18.40 and month earlier.

\$7.00 respectively, while calves The preliminary estimate of and lambs were both off a dol- July milk price at \$5.80 is up 25 lar, to \$32.60 and \$24.50 respec- cents from June. Egg prices tively. were up 3 cents to 36 cents

All grain and hay prices were while all other poultry prices rebaker, Jeff Brubaker, Glenn Bru- lower, with barley showing the mained unchanged.



DENVER Gehman's Feed Mill

Hollinger's Farm Market, Inc.

INTERCOURSE **Plant Food Store**

Kirkwood Feed & Grain

٤.,

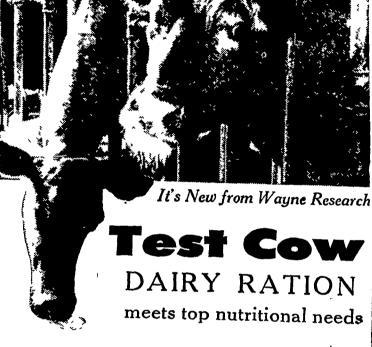
Roy A. Stoltzfus

Eby's Mill, Inc.

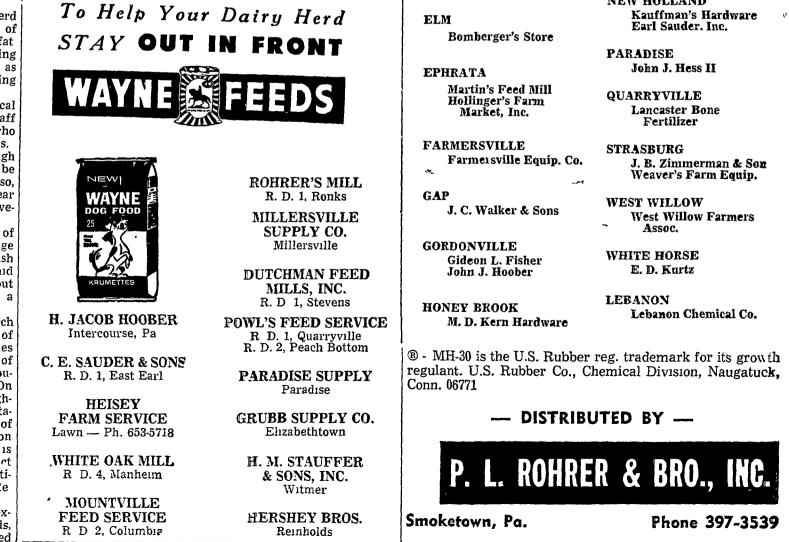
MORGANTOWN Ira Nissley

NEW HOLLAND Kauffman's Hardware Earl Sauder, Inc.

Lancaster Bone Fertilizer



High producing cows have high nutritional requirements. Wayne Test Cow Ration has met the critical feeding tests at all levels of production, with all kinds of roughage. Proved by exacting Wayne Research Farm tests. Ingredient Quality and Ingredient Balance are combined in West Test Cow Ration to produce more milk, better growth and develop the fetus at the same time. Ask us for details.



conducted a tour of the fields.

They have developed tough kinned tomatoes that can be ricked with machinery Also, esearch is being done for pear blight, apple nutrition, and vecetable crosses

Daniel humorously told of rossing a radish with a cabbage to get a plant with a radish oot and cabbage head He said 't worked for the Russians but for us; a cabbage root and a radish top

The Agricultural Research Center is 15 miles northeast of Vashington, D C It occupies two tracts on opposite sides of the Washington-Baltimore Bou-'evard (US Highway 1). On the northwest side of the highvay is the Plant Industry Station About 1 mile northeast of the Plant Industry Station, on the east side of the highway, is the entrance to the larger tract (the Center), site of many activities of the Agricultural Re earch Center.

The land is divided into experimental pastures, orchards, gardens, fields for cultivated