

Fifty Per Cent Of U. S. Farms Have Telephones

A survey by the Crop Reporting Board among some 22,000 farmers throughout the country, shows that about 2½ million or 51.9 per cent of our farms had some type of telephone service on July 1, 1956.

This represents a 27 per cent increase from 1955 to 1956 and is the largest year-to-year increase since 1947.

Although the South Atlantic and South Central regions are shown to be the only areas where less than 50 per cent of the farms still do not have telephones, the survey does show that the greatest increases have taken place in these two regions.

LANCASTER FARMING
Classifieds Ads Pay

USDA Seeking Twin Beef Calves Under 5 Months for Experiments

Scientists in the U. S. Department of Agriculture are in the market for additional pairs of identical-twin beef calves. The animals must be less than five months old and available within 200 miles of Washington, D. C. They can be heifers, steers, or bulls. These calves are needed for experimental work at USDA's Agricultural Research Center, Beltsville, Md.

Anyone knowing of identical-twin beef calves near Washington that are available for these USDA experiments is asked to write the Animal Husbandry Research Division, U. S. Department of Agriculture, Beltsville, Md.

During the past seven years, researchers at Beltsville have used 43 pairs of identical-twin calves to obtain valuable new information on beef-cattle nutrition. They are seeking additional

sets of twins for further studies to begin this spring.

Identical twins develop from a single germ cell and are always of like sex. With common inherited characteristics, they look very much alike (some differences may be noticed in color markings) and usually react in much the same way. Such twins are rare but extremely valuable in research.

Use of identical twins permits cattle studies to be done faster and at less cost than would otherwise be possible. Research information obtained with a single set of these twins is equivalent to that which could be obtained only with a much greater number of less closely related cattle.

The Department will buy twin calves on an offer-and-acceptance basis, depending on their suitability and the price asked by the owner. Only purebred or grade animals of good beef type are acceptable. USDA scientists hope to find the calves they need within 200 miles of Washington, since bringing them from farther away would add to their cost.

Research with twin calves has already corrected one long-held misconception about beef-cattle feeding. Many specialists formerly believed that unless calves could be kept gaining steadily at least half a pound a day, they would not grow economically later. But tests at Beltsville have shown that young beef animals kept for several months on rations that barely maintain their weight — or even on allowances that result in some weight loss — could still make good, economical gains later on cheap feed, when it was made available. For best results, however, the maintenance ration must contain sufficient protein and other nutrients to keep the animals healthy. These findings are important to cattlemen, since calf growth often slows down when the animals must be carried for several months on sparse winter forage or drought-stricken range.

Scientists and the livestock industry will need to know more about the minimum essential requirements of beef calves for protein, minerals, and carotene (provitamin A). Results of trials to help determine protein needs are expected soon from Beltsville. They were made with 26 pairs of identical-twin calves fed 14 different but related rations containing varied amounts of protein. These experiments are showing the way to better understanding of exactly how protein influences maintenance and growth in beef cattle.

Area Holsteins Total Records In HIR Program

BRATTLEBORO, Vt. — The Holstein Freisian Assn. has announced the completion of official production records by registered Holstein cows owned by the following area dairymen:

William A. Reid, Oxford, Admiral Fran Will Crestmaster, 15,554 lbs. milk, 624 lbs. butterfat, in 297 days as a seven year old.

Harvey Rettew, Manheim, Lucy Sovereign, 15,069 lbs. milk, 567 lbs. butterfat, in 365 days as a six year old.

George A. Rutt, Stevens, Ajax Garwood Barbara, 17,707 lbs. milk, 665 lbs. butterfat, in 365 days as a six year old.

Elmer B. Stoltzfus, -Elverson, Strathaven Sovereign Sophia, 13,370 lbs. milk, 543 lbs. butterfat, in 269 days as an eight year old.

Steven K. Stoltzfus, Christiana, Fay Lyons Colantha Supreme 15,248 lbs. milk, 553 lbs. of butterfat, in 327 days as a six year old.

Earl L. Umble, Atglen, Doris Wayne Colanthus, 16,682 lbs. milk, 571 lbs. butterfat, in 365 days as a six year old.

These records were made on twice a day milking in the breed herd improvement registry test program. All tests were supervised by the Pennsylvania State University.

Pennsylvania Flying Farmers Assn. To Meet March 16 in Lancaster Co.

The Pennsylvania Flying Farmers Assn will fly into Lancaster Airport, for a meeting on Saturday, March 16. The meeting will be held in the hangar of the New Holland Machine Co. with John B. Gehman, Barto, presiding.

Fly in time is scheduled for 9:30 a. m. The business meeting will be from 10-12 a. m., followed by lunch at the Glass Kitchen on Litz Pike. In the afternoon the

farmers will take a guided tour of the Landis Valley Farm Museum.

Transportation will be furnished by the Flying Farmers of Lancaster County. About 30 aircraft are expected. The meeting will be held despite the weather.

Kenneth H. Habecker, R1 Lancaster, is in charge of the program.

This year, start your chicks on BETTER THAN EVER Wayne Starting Feeds!

Good news for chick raisers! Now you can raise chicks better than ever before! Wayne Poultry Research Scientists have developed the feeds to help you do it!

After tests on thousands of birds, Wayne specialists have developed the exclusive new 3-way, total-nutrition balance called the P:AA:C Ratio. It balances proteins, amino acids, and calories in scientific amounts for better than ever feed utilization. . . more gain on less feed.

From chick to layer, there's a Wayne Chick Starting Program that will fit your needs . . .

Most Popular Starting Program

Most poultry raisers prefer to use two popular Wayne Feeds to grow their chicks—one to start them . . . another to grow and develop the pullets . . .

Wayne Chick Starter: Only 3 lbs. per chick for a fast, strong and sure start! Combines more than 25 powerful, carefully tested ingredients into a high-energy ration that gives maximum nutrition during those first critical weeks. (Available with Nicarbazine for coccidiosis protection.)

Wayne Growing Mash: A high energy ration specially fortified to build healthy, vigorous pullets. Only 7 lbs. of Wayne plus 10 lbs. of

own grain builds a profit pullet (Available with or without Nicarbazine)

Single-Feed Convenience

Wayne Starter and Grower: Many chick raisers prefer the convenience of this combination feed for both starting and growing. An excellent feed for developing pullets at a low feeding cost.

Where Grains Are Plentiful

If you live in a heavy grain area, ask your Wayne Feed Dealer how you can make full use of your own grains blended with better than ever Wayne Concentrates.

"First-Aid for Ailing Chicks"

Wayne H-A-D Krums: A High-level Antibiotic Diet to help keep birds eating and growing when trouble strikes. Boosts feed intake when birds need it most.

Wayne Stress Diet: Combines high-levels of antibiotics and NF-180 to fight Pullorum, paratyphoids, and non-specific infectious enteritis.

For complete details on the Wayne Starting Program to help you grow chicks better than ever, see your Wayne Feed Dealer. Also . . . better than ever starting feeds for Pigs, Poult and Calves.

WAYNE DEALERS IN LANCASTER COUNTY

Aberdeen Mills,
RD2, Elizabethtown, Pa.

S. H. Hiestand & Co.,
Salunga, Pa.

Lime Valley Mills,
Willow Street, Pa.

Millersville Supply Co.,
Millersville, Pa.



Rohrer's Mill,
RD1, Ronks, Pa.

H. M. Stauffer & Sons, Inc.,
Leola, Pa.

H. M. Stauffer & Sons, Inc.,
Ronks, Pa.

H. M. Stauffer & Sons, Inc.,
Witmer, Pa.

J. K. Stauffer & Son,
Bellaire, Pa. (Also Lawn, Pa.)

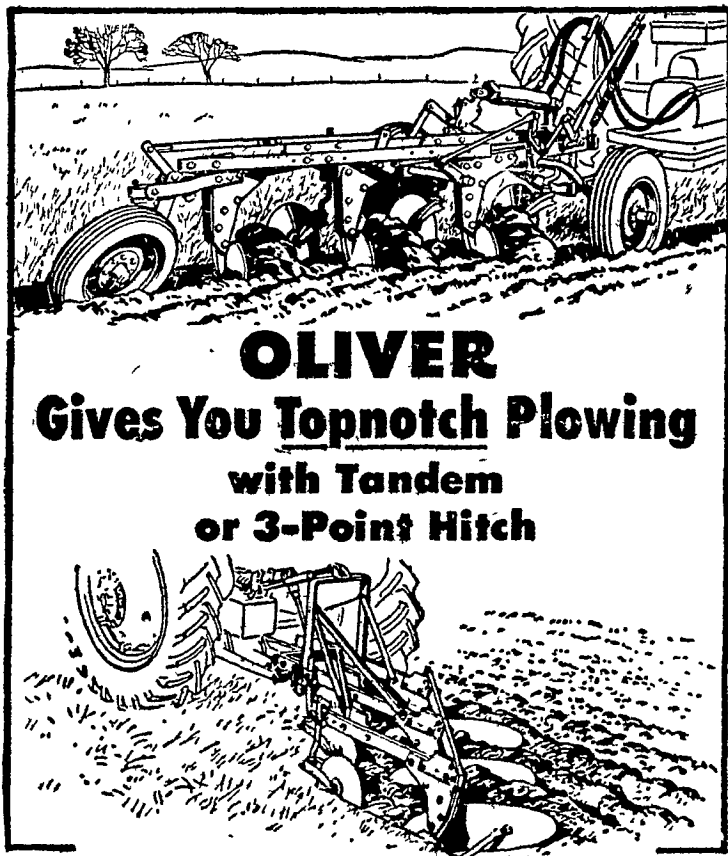
Sunshine Farm Supply Co.,
Lititz, Pa.

Ross C. Ulrich, Jr.,
Peach Bottom, Pa.



Quality Limestone

Call IVAN M. MARTIN, INC.
912 Quarry Road, Blue Ball, Pa.
New Holland: ELgin 4-2112
Terre Hill: Hillcrest 5-3455



OLIVER Gives You Topnotch Plowing with Tandem or 3-Point Hitch

You avoid plugging delays, do a better covering job, plow at top speed with an Oliver. Here are extra big passageways for trash—greater beam clearance, more furrow-turning space between bottoms.

No more rehitching or recoupling, either. Oliver plows have spring-trip beams that permit the bottoms to swing back, ride over obstructions without damage. To reset, just back the tractor. What a time- and share-saver!

And, both these plows—the pull-type No. 4240 and the 3-point hitch No. 3241—are convertible. It's easy to add an extra bottom to a 2-bottom unit to match your power, and spring and fall field conditions.

Come in and see a really modern plow. Let us prove that an Oliver plows better at lower cost.



N. G. Hershey & Son
Manheim, R.D. 1

Farmersville Equipment Co.
Ephrata, R.D. 2

Chas. J. McComsey & Sons
Hickory Hill, Pa.

E. L. Herr
Peach Bottom