



FARM AND HOME CENTER

The directors of the Farm and Home Foundation, met on the site of the new building Monday morning to launch the wrap-up of the farm gifts campaign among Lancaster County farmers.

Jack Lee, New Holland Machine Co., sitting in for co-chairman Lawrence H. Skromme, reported that only 28 percent of the campaign cards have come back. Lee said 156 thousand dollars are

still needed.

Levi Brubaker, co-chairman, speaking of the good crop year said, "There are few farmers that can't spare \$100 this year. These are the people who we must get interested in this fine opportunity to help in the development of agriculture." In the photo above the sprawling complex is rapidly taking shape at the junction of Routes 30 and 230.

L. F. Photo

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Soil Testing Laboratory Dedicated At Penn State

University Park - Dedication ceremonies here recently marked the official opening of the new Soils and Forage Testing Laboratory which, officials of The Pennsylvania State University say, "will give Commonwealth homeowners and farmers the most comprehensive testing program found anywhere in the nation."

Keys to the new laboratory, which houses ultra-modern equipment including a "hook-up" with the Penn State computer center, were turned over to Dr. Russell E. Larson, dean of the College of Agriculture by State Secretary of Agriculture Leland H. Bull, through whose department, the General State Authority provided funds for the building project. Eighty dignitaries representing industry, government, and education were on hand for the formal dedication program.

Commenting on the advantages the modern equipment and computer provides, Dr. Larson said "within the next few years, we expect to add greatly to our knowledge about the nutrient status of Pennsylvania soils. With this information available, it will be possible to solve many of the nutritional problems that have tended to restrict maximum yield potentials of certain agronomic and horticultural crops."

The new improved Forage Testing Service which will be operational later this year, will also provide fast efficient service to farmers who want to know the nutritional status of their grasses and legumes. Computers will be used to convert forage analysis information into economically formulated feed rations for meat and dairy animals.

The new Soil Testing Laboratory will be, in a manner of speaking, plugged into the data processing facilities on campus. Dr. W. Wayne Hinrich, associate professor of agronomy Extension at Penn State points out. Hinrich, a University agronomist who conducts educational soil fertility programs in the state, said it will now be possible to provide accurate and expanded lime and fertilizer recommendations in "micro-seconds."

Laboratory analysis of soil samples will include pH, lime requirement, phosphorus, potassium, calcium, and magnesium, he said. Recommendations will be made for vegetables, field crops, orchards, ornamentals, and turf. Presently, the laboratory processes about 70,000 soil samples annually.

"Soil types will play a major role in the development of recommendations under the new system. Physical characteristics of soil, particularly depth and drainage, greatly determine the yield potential. Since

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Guernsey Cow Has High Record

PETERBOROUGH, N. H. — Bealea Perfect Anne, a Senior nine year old, Registered Guernsey cow, owned by R. F. and L. A. Witmer, Willow Street, has completed an official DHR actual production record of 12,920 pounds of milk and 572 pounds of butterfat, in 305 days two-times a day milking, according to The American Guernsey Cattle Club.

The testing was supervised by Pennsylvania State University.

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