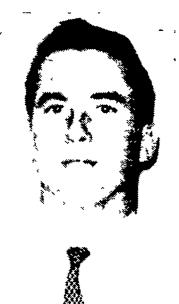
Vo-Ag Teacher Receives M.S.

It was learned this week breeding has arrived. that Robert Gene Daugherty, State University.

Daugherty has been teach- Rochester, NY. ing at Garden Spot High School for the past four years, trends in hybrid vegetable Association

Mis Hugh Daugheity of handling qualities, and high 30 in 1965. Falls Creek, Pa.



Pioneer Hybrid Tops Corn Demonstration Project With 153 Bu.

Gene Daugherty

Analysis of the data from this year's Lancaster County Coin Demonstration Plots shows a hybrid, Pioneei 3306, tops in the vield department with 1530 bushels per acre

However, according to as--ociate county agent Arnold G Lueck, no final conclu--ions as to performance of the 39 tull-season hybrids should be drawn on the basis ot this one limited test.

He described this year's growing conditions at the plot location on the Henry G Shenk taim near Mount Joy as fairly good Although raintall was light during early July, it was near normat atterwards Weed control was very good with banded atrazine and one cultivation. There was a light infestation of aphids. Lueck said, and stalk rot late in the season caused stalk breakage in all of the hybrids tested.

Each hybrid was replicated four times with a plant population of 18,000 per acre. Planting was done on May 12, and the crop harvested October 15, Lueck reported A heavy application of manure was plowed down with 90 pounds of nitrogen in the form of usea, and 200 pounds of 10-20-10 fertilizer At planting, 300 pounds of 5-

15-5 fertilizer was applied The top yield this year of 153 bushels compares favorably with last years top of 1414 bushels Last year, 38 hybrids showed an average rield of 1101 bushels This vears average was considerably better at 1244 bushels Yie'ds in both years were corrected to 155 percent moisture.

Next year marks the 25th or silver anniversary of US Savings Bonds The first Ser-1es E Bond was sold to President Franklin D. Roosevelt on May 1, 1941.

Feed Conference

(Continued from Page 1) plant scientist said the gold-

cently received a Master's De- table variety improvement accumulators.

yields per acre, he pointed

OTHER HYBRIDS CITED

as nitiogen, phosphorus, and the alfalfa weevil last spring of fertilizer.

vin W. Johnson, corn breed- stated. Recommendations for periment Station at Penn sentially the same for 1966 spring with official production ments is controlled by gene- added. en age in vegetable plant tic mechanisms, Dr. Johnson reported. He described certain "There has never been a inbred lines of corn as high agriculture teacher at Garden period when the means of accumulators of certain ele-Spot High School, had re- making giant strides in vege- ments while others are low Experiments gree in Agricultural Educa- has been as promising," stat- show these factors are contion from the Pennsylvania ed E Wilbur Scott of the stant, he said, even when Joseph Harris Company, Inc., different levels of the element are available to the Speaking on problems and corn plant as fertilizer,

Seed usage of sorghum-He is a graduate of DuBois seed production, Scott said sudan hybrids has increased Area High School, and re- new methods of hybrid seed 20-fold in the last five years, State in 1961. He is current- "milestones" in plant breed- tension agronomist at Penn-His parents are Mr. and ity of type and maturity, creased from 5 in 1960 to breed

potassium, according to Mel- was generally satisfactory, he Tested Dem er for the Agricultural Ex- control of larvae will be es-State. Accumulation of ele- as they were last spring, he records.

MAIZE DWARF MOSAIC FOUND

Clifford C. Wernham, research scientist in corn diseases at Penn State, said Maize Dwarf Mosaic of corn was found in 20 Pennsylvania counties last summer but only in trace amounts in field corn. He said late planted sweet corn showed a range of diseased plants from zero to 90 percent.

Dr. Wernham said Penn ceived his BS, from Penn production can be considered reported John E. Baylor, Ex- State plans to continue its program of testing inbred ly president of the Lancas- ing Hybrid vegetable varie- State He said the number of lines of corn so that resistant ter County Vo-Ag Teachers ties generally meet the in- soighum-sudan hybrids avail- lines can be pollinated and dustry's demand for uniform- able for distribution has in- continued in the program to resistant hybrids. Strains of the disease should The alfalfa weevil now cov- be identified, he added. Ferers all of Pennsylvania, re-tility levels will be investiported Stanley G Gesell, Ex- gated to determine whether United States each year, ac-Hybrid corn varieties vary tension entomologist at Penn symptoms of the disease are in uptake of elements such State Control of larvae of hidden by certain applications formation Institute.

(Continued from Page 1)

The cow's progeny averaged 9,412 lbs. milk and 497 lbs. butterfat on twice-dailymilking, 305-day mature equivalent basis. The records were made under one of the programs of official testing of The American Jersey Cattle Club.

The Tested Dam rating aids Jersey owners in the selection of superior breeding stock. The three tested progeny required to qualify a cow as a Tested Dam may either be three tested daughters or three tested sons, or any combination thereof totaling three.

U. S. FARM FIRES

NEW YORK - Fires and lightning strike about two out of every 100 farm's in the cording to the Insurance In-



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