

SECOND SECTION

hologist Cites Role Of Plant ease Study In Man's Survival

to man's survival, ac- ity to provide shelter." are controlled is one dew."

prevention of plant dis- termine how well we eat. is one of the sciences what we wear and our abil-

g to Dr. John W. Heu- Plant diseases are not chairman of the de- new, Hewberger says. They ent of plant pathology are mentioned several times e University of Dela- in the Bible as "blightings, How well plant dis- blasts, rusts, smuts and mil-One plant disease major factor that de- played an important role in

the development of the United States. The "late blight" disease of potatoes and tomatoes caused the Irish potato famine in the 1840's, which resulted in the deaths of a million Irishmen and encouraged the emigration of a million and a half, mostly to the United States.

The continuing world food shortage and population crisis emphasizes the need for efficient crop production, Heuberger stated. He believes plant pathologists, working with other plant scientists, will lead the battle against food and fiber crops needed by the expanding population.

Plant pathology is the science that deals with plant ALL CLASSES OF PA. diseases - their nature, LIVESTOCK REDUCED (Continued on Page 17)

'65 Best Crop Season In Several Years

barley and first cutting hay species. plant diseases to protect the fared well benefiting from dant, were timely.

Numbers of all species of

farm livestock declined from January 1, 1965 to January 1, 1966, There were a total Rains beginning in August of 2,398,000 head of animals reprieved late crops from on Pennsylvania farms this early drought conditions, ac. January 1 - down about 4 cording to the Pennsylvania percent from the 2,486,000 Crop Reporting Service. Lat. a year earlier. Cattle numer maturing crops such as bers were down 3 percent or corn and later hay cuttings 56.000; hog numbers down 7 were involved. Yields in percent or 28,000; and sheep most areas turned out quite numbers down 2 percent or well for such a season, but 4,000 head; sheep numbers conditions did not complete, at all-time low. Total invenly overcome the effects of the tory value was up 5 percent, dry months. Early season however, to \$365,931,000 recrops such as winter wheat, flecting higher prices for all

CATTLE: Cattle and calves rains which, while not abun- kept for milk declined almost 5 percent. This was partially offset by an increase in other cattle, beef type and bulls, of about 2 percent. Most of the decrease was in the number of cows and heifers two years old and over kept for milk. Most other classes made smaller declines. The number of bulls held steady and only steers showed an increase.

> HOGS: Hogs and pigs on Pennsylvania farms January 1, 1966 numbered 370,000, the smallest January 1 number of record. This was 7 percent less than a year earlier and 26 percent below the (1960-64) average of 503.000. Inventory value of all hogs and pigs on hand was \$15,207,000, up 44 percent from a year earlier and 16- percent above the 5-year average This was due mostly to the all time high value per head of \$41.10.

> POULTRY: The number of chickens on farms January 1, 1966 (excluding broilers) totaled 16,907,000, a 6 percent decline from 1965 This was the minth consecutive year ot declining numbers and the lowest since 1935. Among States, Pennsylvania ranks third in total numbers Of the total chickens on farms January 1, 42 percent were hens, 53 percent pullets, and 5 percent other chickens.

U.S. CATTLE NUMBERS OFF ONE PERCENT

The January 1, 1966 inventory of cattle and calves on farms and ranches in the United States was 106,557, 000 head. Dairy stock numbers (milk cows and replace. ment heifers) continued to decline and were 6 percent below a year earlier. This reduction was partially off. set by a 1 percent increase in the number of other cattle, mostly for beef. January 1, 1966 marked the end of seven years of record anventory highs for all cattle.

HOGS: The number of hogs and pigs on farms and ranches in the U.S. on January 1, 1966 totaled 4 percent less than a year earlier. Inventory numbers of hogs decreased from a year earlier in all regions except the South Atlantic which was up 2 percent and the South Comtral up 1 percent. In the Corn Belt (12 North Central States) January 1 numbers were down 5 percent from 2 year earlier. Iowa, the leading hog producing State, had 2 percent fewer hogs on farms Hog numbers were down 7 percent in the North Atlantic States and 4 percent in the West.

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