

## Takes 800 Tons Of Water For 1 Ton Of Alfalfa

An extension agricultural engineer at Penn State University recently reported that it usually takes 800 tons of water to grow one ton of alfalfa, and approximately 850 tons of soil moisture to produce a ton of shelled corn.

N. Henry Wooding, associate professor of agricultural engineering extension, speaking on the topic "Irrigating Forage and Pasture Crops" at the Seventh Annual Grassland and Forage Conference on the University Park campus, said many factors affect crop production including varieties, cultural practices, and disease and insect control. However, water is by far the most important factor that determines growth and quality of farm crops.

The agricultural engineer cautioned those considering the use of irrigation to make sure a plentiful supply of water is available. If not, he said it may be better to forget irrigation and concentrate on another project.

The conference was sponsored jointly by the Pennsylvania Grassland Council and the Penn State College of Agriculture.

### ● Poultry Banquet

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Traditionally a sell-out, this year will feature guest speaker Dr. Charles E. Irvin of Daytona Beach, Florida. He is a noted educator, and has been actively associated with such organizations as General Electric Company, Eli Lilly Company, and The National Management Association. Irvin has often been referred to as "America's most versatile speaker", according to chairman Wentink. His talk at the Farm Show Banquet is titled "Angels In The Mud".

Although the Grand Ballroom at the Penn Harris Hotel will seat approximately 400 people, Wentink urged all interested persons to order their tickets without delay because of heavy advance ticket sales.

### ● State SWCD

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farm which he owns and formerly operated. For the past two years he was secretary of the Pennsylvania State Grange and served also as secretary of the Pennsylvania Council of Farm Organizations.

### ● PENB

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company for 34 years. He was President of PENB in 1961 and 1962.

Franz, while not completely retired from active direction of the group of companies he heads, has moved to a farm in Missouri. He was a PENB President in 1963 and 1964.

Huttar will begin his Retired Executive activities about February 1, and will work closely with Berwyn B. Gehgan, of the North American Poultry Co-op Association, New York, in the New York market area. Franz will work primarily in the St. Louis market area—Missouri, Arkansas and western Tennessee, with Ted Darragh, of the Arkansas Egg Company, Little Rock.

Gehgan and Darragh are regional chairmen for Operation EGGspanion.

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