

SCIENTIFIC FARMING AID DROUGHT FIGHT

Feed Problems Are Solved Through Alfalfa Planting, Chemical Society Hears.

Pittsburgh, Sept. 18—How mid-western farmers are fighting drought by means of scientific agriculture was told to the American Chemical society, meeting here, by Prof. Emil Truog of the University of Wisconsin.

The extreme droughts of the past four or five years have emphasized the need of a drought resisting forage plant like alfalfa," he said. "Soil tests have revealed the lime and fertilizer treatment needed to grow the crop."

Alfalfa roots, he explained, penetrate to a depth of 10 feet or more and thus the plant can withstand drought to a remarkable degree. Moreover, being a perennial plant, which persists for five or 10 years when once started, it eliminates plowing and cultivation of the soil for the most part, thus greatly helping to prevent soil erosion.

Citing the example of his own state, Professor Truog asserted:

Today Wisconsin ranks near the top in alfalfa production, and is well on the way to solving her feed problems and at the same time providing for soil conservation."

This has resulted, he added, from the discovery of large lime deposits in many parts of the state, which have been prepared for soil treatment through work relief projects and delivered to the farmers at prices they could afford to pay.

But it was soil testing, Professor Truog emphasized, which turned failure into success when the state's farmers first tried to raise alfalfa. The tests have revealed, he said, that for the successful growing of alfalfa about 85 percent of the soils need lime, 75 percent need phosphate fertilizer.

Soil can now be tested in a few minutes for its lime and fertilizer needs, as a result of improved methods developed in the soil testing laboratory of the University of Wisconsin, the chemist were told. An average of 1,000 samples are



NEWS-WEEK DECORATES KING'S PALACE

Successful with Mrs. Simpson's home, Lady Mendl (Elsie de Wolf of New York) plans Buckingham Palace redecoration.

tested there each month, and thousands more are tested locally by county agricultural agents and other qualified agencies.

"The farmer is a manufacturer," Prof. Truog pointed out. "The soil is the factory. Soil tests tell if there are sufficient amounts of raw materials on the shelves in this factory to grow a satisfactory crop. The tests also tell if the sanitary and other conditions in the soil are what they should be."

The main problem of Wisconsin's farmers, he said, is to grow feed for the large numbers of dairy cattle which make her the leading dairy state.

"Corn is high in carbohydrate and alfalfa in protein, so, when properly combined, they make a balanced ration," he explained. "Alfalfa is the premier feed crop because it is high in protein and minerals. Being a legume, it gathers nitrogen needed for its growth from the inexhaustible air supply."

REA TO MAKE LOANS FOR A POWER LINE

The policy of the Rural Electrification Administration is to help themselves, said David S. Weaver, agricultural engineer at State College.

In communities where farmers show they are making an organized effort to secure electricity, he added, the REA will make loans to help finance the construction of power lines and the wiring of buildings.

But it is not going to pour money into communities that are making no effort to obtain electric power, he declared.

The national REA has set aside \$1,000,000 for loans in North Carolina, he pointed out, and is ready to allot an additional \$2,500,000 if North Carolina farmers go after it.

To get it, they must push the rural electrification program and convince the REA that they will make good use of the money. Otherwise, it will be loaned in other States.

The state REA and the State College extension service are endeavoring to help push the rural electrification program in all communities that are interested and willing to cooperate, he stated.

Already, more than 1,300 miles of rural power lines have been strung in this State, he went on, but that is only a beginning. At the close of 1935, he pointed out, only 11,558 of the 300,967 farms in the State, or 3.8 percent, were served by electricity from a central distributing station.

"With all this money available from the national REA," he said, "we face the best opportunity we have ever had for electrifying rural districts. Let's take advantage of it."

SPENDING THE BONUS

Predictions as to the volume of money that would flow into the channels of trade as a result of the payment of the soldiers' bonus have not fully materialized. Only two-thirds of the bond issue of \$1,718,000,000 distributed during the middle of June had been cashed at the end of July.

STERILIZE DAIRY UTENSILS

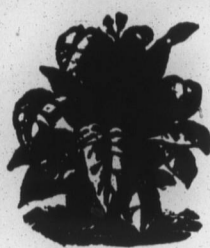
Complete sterilization of dairy utensils requires complete immersion for two minutes in water of 10 degrees, according to U. S. Public Health Milk Ordinance and Code.

Peter F. Newton of Laurinburg has been elected president of the newly organized Scotland County Negro Farmers' Club.

Seventy-five percent of the farms in Martin County have been checked for compliance with the new farm program.

Two pure bred Hampshire sows were purchased by Bertie farmers from the State Negro hospital at Goldsboro last week.

Subsoiling is gaining in favor in Forsyth County due to the fine results secured through the operation this season.



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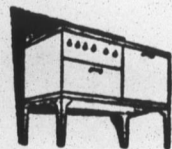
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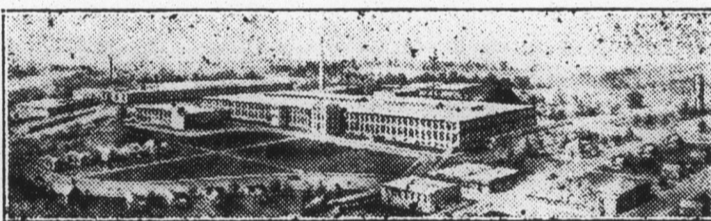


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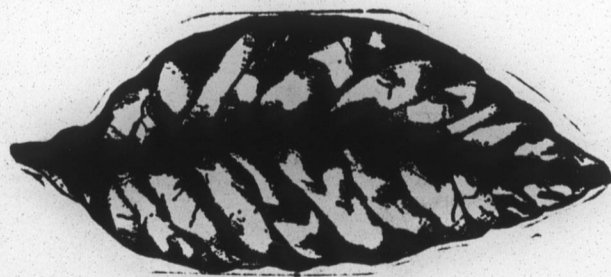
Market Opens
Monday,
October 5th.

We are Interested in the Roxboro Tobacco Market AND IN THE FARMERS OF THIS COUNTY

and we believe Roxboro has a good market, good warehousemen, and many other advantages.

Last Year Roxboro's Average was \$20.26 per Hundred

Averages of a few nearby markets were as follows: Mebane \$17.10 - Oxford \$20.97 - Durham \$19.79 - Henderson \$20.57 - Burlington \$15.89 - Reidsville \$17.85 - Danville \$20.26 - South Boston \$19.62.



Only five markets out of 18 in this belt made an average this high. None were as high as 21c and the others were under 20c. This definitely proves that Roxboro is among the leaders and Roxboro has been for years.

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