

Sunspots

May Influence Earth, Says Noted Astronomer

Did you know that the best vintage wines are from crops that grow in those years when sunspots are at a maximum? And that trees show their greatest growth in periods when the surface of the sun shows the greatest number of spots? Or that the Dow-Jones stock market averages follow a curve which is very similar to curves based on sunspot numbers?

These are only a few of the many remarkable, but unexplained, coincidences between the activities of plant and animal life on earth and the appearance of those gigantic electro-magnetic disturbances on the sun which man calls sunspots.

More and more scientists, and others, are probing sunspots and seeking to learn the relationship between their appearance and the multitudinous activities of earth-bound man. In his newest book "Sunspots and Their Effects from the Human Point of View," published recently, Mr. Harlan True Stetson, astronomer and research associate of the Massachusetts Institute of Technology, summarizes the knowledge which science now has in its possession to analyze for the truth of falseness of speculation on this intriguing matter.

Dr. Stetson goes out on no limb to forecast, in so many words, a definite relationship. Rather he piles up, item by item, an imposing array of facts which offer a true challenge to those who are skeptical of the sunspot's bearing on terrestrial activity. Sunspots and their effect on human behavior, growing things, business, radio, sunlight, power, earth magnetism and even carrier pigeon flight are presented for the reader to note and draw his own conclusions.

Governor Hoey Urges Three-Point Program

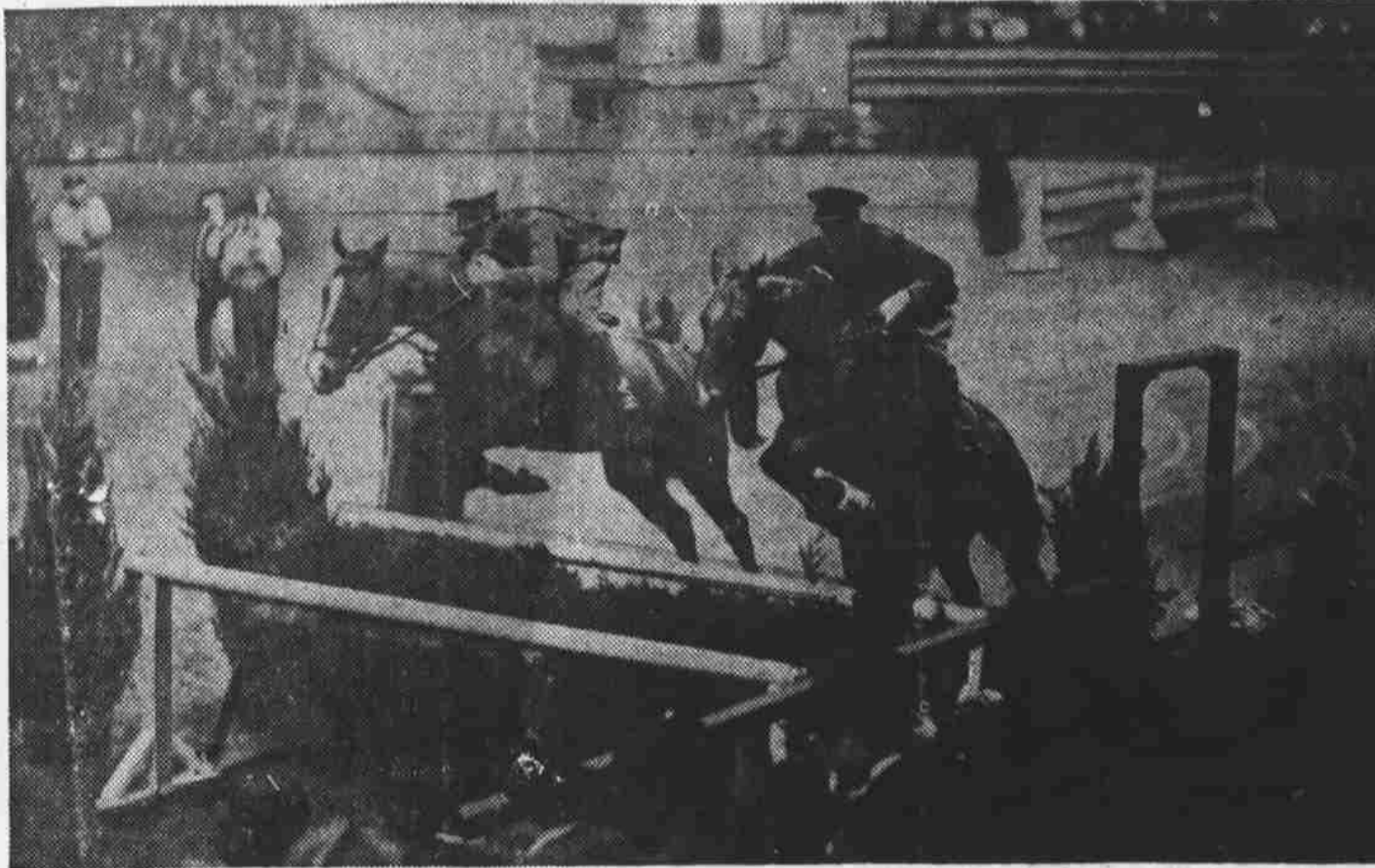
RALEIGH, Dec. 8.—A three-point farm program for North Carolina farmers, embracing diversification, more livestock and crop rotation, is urged by Governor Clyde R. Hoey in his message to more than 25,000 readers of the new 1938 Carolina Co-operator yearbook and almanac.

Governor Hoey said that the fact that the farmer had become a world citizen in that he must enter into competition with world markets in selling many of the products from his farm, emphasizes the necessity "for cooperation among farmers in the several communities and in larger areas in successful marketing of the leading crops."

"I have watched with interest and appreciation the many successful cooperative associations which afford the farmer the facilities for marketing his products at the most opportune time, and in the most profitable way," the governor said.

The two largest farm cooperatives in the state are the North Carolina Cotton Growers Cooperative Association and the Farmers Cooperative Exchange.

Irish Army Team Is Best at Horse Jumping



The Irish Free State army team of Lieut. G. M. Heffernan and Capt. F. A. Ahearn take the jumps during the pair jumping contest for military class at the National horse show in New York recently. They came through with flying colors to win the event.

In Case of an Aircraft Raid



Prospective customers listen with interest while a street salesman in Geneva, Switzerland, demonstrates special lamp shades for use in time of an air raid. Many devices such as these are now on sale in European cities as preparations for giant air-raid drills are planned to darken entire cities.

A well-fed dairy cow produces about 13 tons of manure per year, and this has a value of from \$2 to \$8 a ton, depending upon the land and the crop grown.

A water system is among the first conveniences that should be added to a farm home because it removes drudgery, saves energy and time, improves health, aids in farm production and provides fire protection.—Dr. Jane S. McKimmon, assistant director of State Extension Service, in the 1938 Carolina Co-operator Yearbook and Almanac.

Fertilizer Plant Owned By Farmers

NORFOLK, VA., Dec. 8.—One of the largest farmer-owned fertilizer plants in the world was formally opened near here today with more than 1,000 farmers and farm leaders from North Carolina and Virginia present.

M. G. Mann, general manager of the Farmers Cooperative Exchange of Raleigh, told the assembled farmers that the opening of the new plant, which is owned jointly by the patrons of the Farmers Cooperative Exchange and the Southern States Cooperative, "signifies the bringing together of the farm cooperatives as well as the farmers."

"This new plant is farmer-owned and farmer-controlled," said Mr. Mann, "and it is dedicated to the purpose of supplying quality plant food on a cost basis to its farmer-owners." Mr. Mann said that it was impossible to estimate in dollars and cents the saving that will accrue to farmers through the operation of this cooperative fertilizer plant.

"It will serve as a regulator of both margins of profit and quality," Mr. Mann said, "and its influence should be very, very constructive, in helping farmers to get more for their fertilizer dollars."

The new fertilizer plant is located at Portlock and has an annual capacity of 75,000 tons. On it appears this inscription: "Farmers have paid for many fertilizer plants. This is one they really own."

Erosion is said to cost the state of North Carolina \$66,000,000 yearly by removing plant food alone.

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NOTICE OF SUMMONS

North Carolina,
Macon County.

In The Superior Court
Macon County

vs.

Roger S. Warner and wife, Mary H. Warner.

The Defendants, Roger S. Warner and wife, Mary H. Warner, will take notice that an action entitled as above, has been commenced in the Superior Court of Macon County, North Carolina, for the purpose of foreclosing a tax lien on property in Macon County, North Carolina, and in which the defendants have an interest, and are proper parties thereto.

It is further ordered by the court that the defendants, Roger S. Warner and wife, Mary H. Warner, are required to appear at the office of the Clerk of the Superior Court of Macon County, North Carolina, at his office in Franklin, on the 25th day of January, 1938, and answer or demur to the complaint of the plaintiff, or the relief demanded in said complaint will be granted.

This the 6th day of December, 1937.

HARLEY R. CABE,
Clerk Superior Court.

D9-4tc-D30

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1933 Chev. 4-Door Sedan, new paint ...	\$265	1933 Ford V-8 Pickup, good tires	\$295
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1929 Ford A M o d e l Roadster	\$65	1933 Chevrolet 1 1/2-Ton Truck, long wheel base	\$225
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