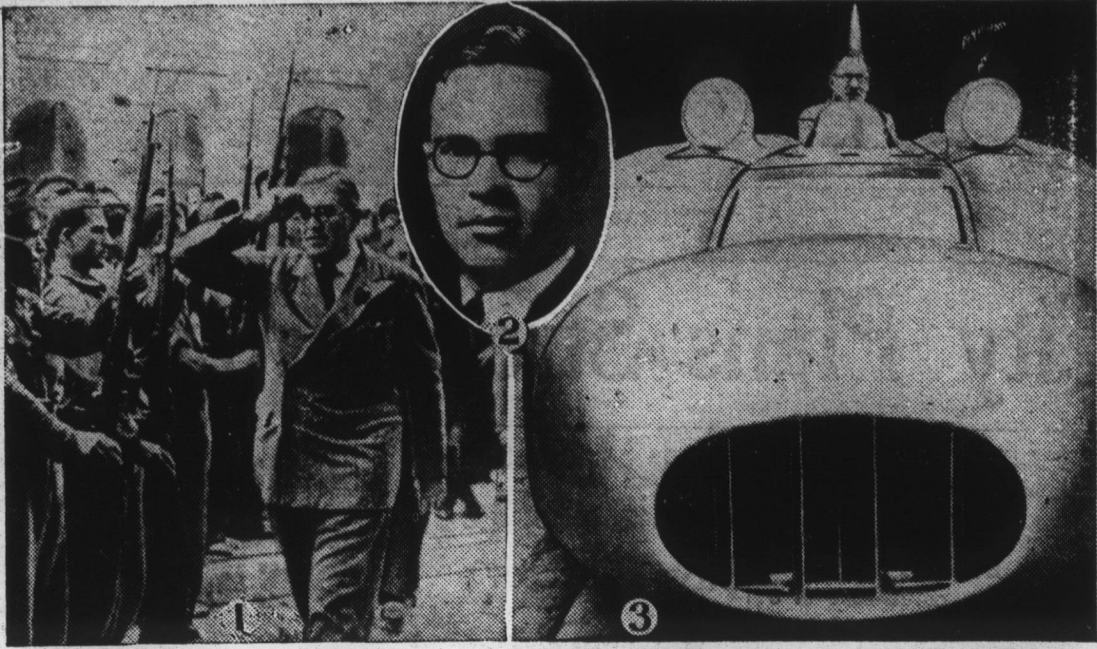


In the World's News: War, Business, Sports



1—Soldiers of the "lost" division of the Loyalist army, who escaped into France when driven out of the Pyrenees passes they had held for months, are shown being inspected by Alvarez Del Vayo (saluting), Spanish foreign minister, following their return to Catalonia. 2—William McChesney Martin Jr., thirty-one years old, elected permanent president of the New York stock exchange with a yearly salary of \$48,000. 3—Capt. George E. T. Eyston at the wheel of "The Thunderbolt" in which he broke the world's land speed record on the Bonneville Salt Flats in Utah. The car has just been remodeled for Eyston's forthcoming attempt to better his own record.

Diseases Are Big Threat To Flower Gardens

State Pathologist Says Most Plant Diseases May Be Avoided, However.

Plant diseases are a constant threat to home and commercial flower gardeners, but most of them can be avoided or controlled, said Dr. Luther Shaw, extension plant pathologist at State College.

In roses, for example, the most common diseases are black spot, powdery mildew, brown canker, stem canker, cane blight, anthracnose, and cane gall. To raise disease-free roses, gardeners need to observe systematic disease control measures.

One of the first steps is to get good foundation stock. Before purchasing plants or cuttings, examine the canes to see whether they are infected with any of the common canker diseases. Also look for signs of other diseases, and buy only from reliable persons.

Pruning

Once canker has broken out on a rose plant, it cannot be cured. The diseased stem can be pruned off the plant, but this does not always give satisfactory control. The leaf diseases such as black spot can often be controlled by spraying with a 4-4-50 Bordeaux mixture or dusting sulphur.

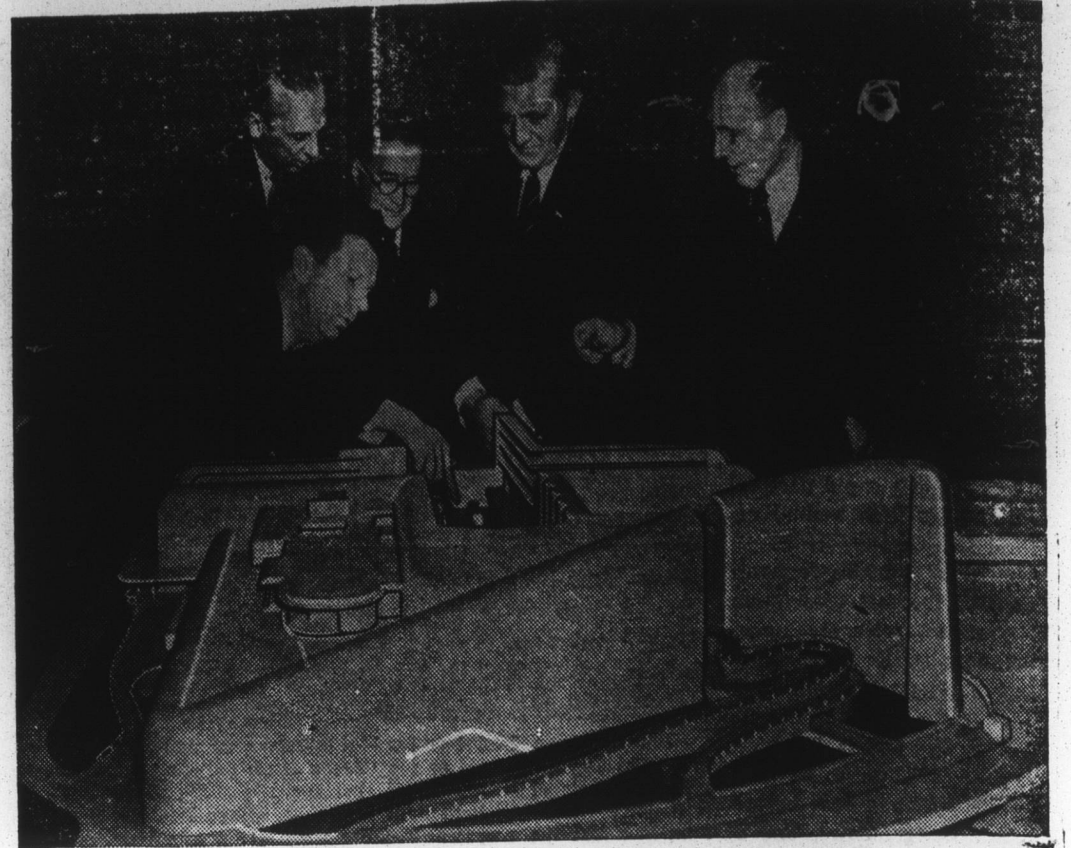
A new copper fungicide known as cuproside 54 has been placed on the market for controlling leaf spot diseases of roses. This material is inexpensive and convenient to use.

It is difficult to outline a spraying schedule for roses, as weather conditions each year must be taken into consideration.

The aim is to keep the foliage coated with fungicide, and during rainy seasons more frequent applications are necessary. Further information about diseases in other flowers and methods for controlling them may be obtained from Dr. Luther Shaw at State College, Raleigh, N. C.

J. H. Hardy, of Surry County, finds that corn on land that was subsoiled two years ago is at least one-third better than his other corn. He wants to sub-soil 50 more acres this fall.

They're Looking at the Motor Traffic of 1960



Norman Bel Geddes, left foreground, designer of the General Motors exhibit building for the New York World's Fair, is shown explaining details of the model to executives of the Corporation. Left to right, Alfred P. Sloan, Jr., Chairman; Richard H. Grant, Vice-President; William S. Knudsen, President, and Charles F. Kettering, Vice-President.

A CONCEPTION of motor traffic facilities in the world of tomorrow, in which express boulevards will carry with ease an unbelievable volume of traffic at high controlled speeds, with day and night driving equally safe and accidents almost impossible, will be shown in the General Motors exhibit at the New York World's Fair, William S. Knudsen, President, has announced. The exhibit will be known as "Highways and Horizons."

Visitors will begin their tour of "Highways and Horizons" in comfortable, moving chairs, mounted on a continuous escalator. They will be transported over what will appear to be hundreds of miles of future express superhighways and feeder roads connecting these highways with present roads. The tour will be climaxed when the visitor emerges from his Aladdin-like traveling chair onto a full-size street interchange place on an important scale. Extending for almost a city block in four directions, the spectacular street intersection, forming the center section of the building, will present a living picture of the architecture, motor traffic and pedestrian facilities of the future. The architect for the building will be Albert Kahn of Detroit.

4-H Members To Spend Next Week At State

Several Notables Scheduled For Addresses During Week's Session.

Farm boys and girls from practically every county in North Carolina will gather at State College next Monday to spend a week at the annual 4-H short course, July 25-30.

A well planned program of recreation and education has been arranged for the young people by L. R. Harrill and Miss Frances MacGregor, 4-H club leaders at the college.

At the first formal session Monday morning, Col. John W. Harrelson administrative dean of State College, and Dr. Jane S. McKimmon, assistant director of the extension service, will address the boys and girls. Dr. I. O. Schaub, dean of the school of agriculture and director of the extension service, will speak Monday evening.

Governor To Speak

Gov. Clyde R. Hoey will speak Thursday and Dr. Frank P. Graham, president of the University of North Carolina is scheduled for an address on Wednesday morning. Clyde R. Erwin, state superintendent of public instruction, will appear on Friday's program.

Class work will be given from 10 to 12:45 o'clock each morning. The courses will cover parliamentary procedure, good grooming, good manners, foods and nutrition, home care of milk, food conservation, handicrafts, room improvement, clothing, adventures with books, home beautification, recreation, leadership, agricultural engineering, conservation of natural resources, crops, plant diseases, livestock, the farm shop, and horticulture.

Crowning of the State 4-H King and Queen of Health Pageant on Thursday evening and the candle-lighting ceremony Friday evening will be two of the outstanding events of the short course.

The afternoons will be occupied with games, informal get-togethers, swimming, and sight-seeing tours. In addition to special programs, the evening will feature community singing, vesper services, and recreation.

Authority On Farm Life To Speak At State

Dr. O. E. Baker To Appear On Program During Farm And Home Week:

One of the Nation's foremost authorities on farm life and rural population, Dr. O. E. Baker, of the U. S. Department of Agriculture, will be one of the chief speakers at Farm and Home Week at State College, August 1-5.

He will appear on the joint program for men and women

Wednesday and Thursday morning, said John W. Goodman, assistant director of the State College extension service and secretary of the convention.

"To Rescue for Human Society the Natives of Rural Life," will be the subject of Dr. Baker's address Wednesday, and the next day he will discuss, "The Drive of Farm Youth and Wealth to the Cities." One of the great drains on farm wealth, he has found, is caused by rural people moving to town and cities.

Trade Agreements At the joint session Tuesday morning, Lynn Ramsay Edminster, of the Department of State, will discuss trade agreements with other countries so as to facilitate imports of commodities this county needs to increase United States exports of surplus agricultural and industrial products.

"Other countries cannot buy more from us unless we buy more from them," Goodman explained, "and the trade agreements that Mr. Edminster will discuss are of vital importance to Southern agriculture."

Dean I. O. Schaub, director of the extension service, has announced that, at the request of men and women who attended Farm and Home week last year, the evening programs must be kept free from speech-making and reserved for band music, group singing, and other recreation and entertainment.

An exception is being made for Thursday evening, however, at which time Gov. and Mrs. Clyde R. Hoey will address a joint assembly of men and women in Riddick Stadium, weather permitting.

Family Cows Should Receive Balanced Diet

Dairy Specialist Says She Deserves Best Of Feed And Care.

The old family cow has taken a lot of abuse in her time and kept on producing milk for her master, but she can do a much better job when she gets enough of the right thing to eat.

A good cow not only cuts down on the household food bill, but she contributes much to the health and general well-being of the family, said John A. Arey, extension dairy specialist at State College. She deserves the best of feed and care.

A cow has a huge stomach and a tremendous capacity for converting feed into milk. On full feed, she will use about half the nutrients in her feed to maintain her own bodyweight. The rest she converts into milk and butterfat.

When Rations Cut

When her rations are cut down, her milk production falls off, she loses weight, and she goes drier sooner than normal. A cow will often give milk when she really needs to use the full amount of a scant feed supply to supply her own body.

In the course of a year, an average-size farm cow needs 18 bushels of corn, 13 bushels of

oats, 600 pounds of cottonseed meal, two tons of hay, and one to two acres of good pasture. The hay should be of good quality, and the pasturage should be a good growth of grasses or legumes. Winter pastures of rye and crimson clover or of wheat, barley, oats and crimson clover are good for supplementing the dry feed.

Three or more different feeds, say 500 pounds of corn meal, 300 pounds of cottonseed meal, and 200 pounds of ground oats or wheat bran will make a good grain ration. Give a cow all the roughage she will eat and allow three quarts of grain per day for each gallon of milk she gives.

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