

## MOTOR BIG HELP IN IRRIGATION

Drives Pumps That Water Great Tracts of Otherwise Utterly Desert Land.

### MANY MILLIONS IN PRODUCTS

According to reports issued by the United States Department of Commerce, the irrigation of farming lands in this country has resulted in annual crops averaging in value \$500,000,000, produced from soil which would otherwise be entirely barren. Nineteen million acres are under irrigation in the west and southwest, and the crops



Grade Egyptian Irrigation.

include a great variety of cereals, fruits and vegetables. The total capital investment in irrigated land amounts to \$700,000,000.

Nowhere in the world are the methods of irrigation more modern or more efficient than in the United States. Centrifugal or reciprocating pumps are in use on all irrigating systems, driven by various forms of energy, steam, gasoline or electricity. The electric motor, which can be controlled from a distance, has come into much prominence for this work within the last ten or fifteen years, until now some of the most successful farms which depend upon irrigation are using electric motors for their pumps.

#### Electrical Irrigation Efficient

The Shasta valley, in California, yields annual harvests of \$400,000 from land irrigated entirely by electricity. The Frickley Farm irrigation project, near Helena, Mont., where the General Electric Company installed three 600-horsepower motors, is producing big harvests of peas, oats, wheat, potatoes and alfalfa.

Along the Snake River, in Oregon and Idaho, there are several electrical pumping installations, some of which



Modern American Style.

elevate water as high as 100 feet and irrigate as much as 10,000 acres of ground.

#### Egypt Irrigated by Suez

This is all in strange contrast with Egypt, where the unprogressive farmers irrigate their fields by the same old-fashioned, ineffective methods that were used thousands of years ago. A favorite device is the shaduf, operated by men, or the saqiya, operated by wind.

The shaduf consists of a leather bucket, holding about two and a half gallons, suspended from a weighted pole fastened to a horizontal rod between two uprights. When a man's weight is thrown upon the bucket the latter is lowered into the water, and upon being filled the weighted pole lifts the bucket high enough to allow it to be emptied into a trough or canal. The workers go on duty for two hours at a time, and two men will lift about 1,000 cubic feet of water in ten hours.

### PRESIDENT CARRIED \$52,100 INSURANCE

New York, Aug. 10.—President Harding's life was insured for \$52,100 with six companies, according to a statement made public here by the Insurance Press. The largest policy, for \$15,000, was with the Mutual Benefit, on the 15 payment life plan, and was taken out in 1914. President Harding, the statement said, had taken out several policies from time to time, starting when he was nineteen.

## NEGRO CONGRESS COMES TO CLOSE

Valuable Suggestions On Farming At Greensboro Meeting

Greensboro, Aug. 10.—The annual North Carolina Negro Farmers' congress came to a close here tonight, with an address by Dr. J. H. Walker, of the North Carolina Tuberculosis sanitarium, telling the negroes of plans for a State institution for negroes suffering from tuberculosis.

A big crowd heard him, many white people being present in addition to negro farmers and their friends. The attendance upon the congress proper reached about 300, while at the night meetings it was over 700. The congress began Wednesday night.

C. C. Spangh, president of the North Carolina Mutual Life Insurance company, was another speaker tonight, preaching thrift to his audience.

Considerable concrete discussion was had today of practical problems of the negroes, led by C. R. Hudson. A typical program was submitted as follows for good farming:

Soil and food crops, soil improving crops, money or sale crops. For a one-horse farm he advised eight acres of corn, eight acres of cotton and four acres of tobacco; one acre each of Irish and sweet potatoes, one-fourth acre for garden, one acre orchard, one to two milk cows, one sow producing two litters a year, 30 to 50 hens, a few goats or sheep, where conditions are favorable.

For pasture, natural or prepared, enough acres were advised to produce grazing the year round for all forms of live-stock kept on the farm. Winter and summer legumes should be grown on every acre, the farmers were told, as intertilled crops, single crops with winter covers to turn for soil improvement.

Considerable discussion was had on the proposal that renters and tenants contract with landlords for five or ten year periods in order to carry out plans for improvement of soil, and in discussion of plans for classifying, grading and marketing crops. Co-operative marketing and purchasing of supplies which cannot be produced on the farm were advocated.

### BANKS WILL ASSIST IN FINANCING CO-OPS

Raleigh, Aug. 13.—An interesting conference was held at the headquarters of the North Carolina Cotton Growers association Wednesday. It was a conference of bankers who discussed with General Manager Blalock and Treasurer King the work of the association through last year and its financial needs for the coming season. The officers of the association asked for the conference to arrange for a revolving fund of \$2,000,000 in order to be ready for the opening of the cotton season. The bankers present were: R. G. Vaughn, President of the American Exchange National Bank of Greensboro, John W. Simpson, Vice-President Atlantic Bank & Trust Co., Greensboro, Southeast Jones, Vice-President First National Bank of Durham, E. B. Crow, Vice-President Commercial National Bank, Raleigh, G. H. Andrews, Citizens National Bank, Raleigh, Gilbert T. Stephenson, Vice-President Wachovia Bank & Trust Co., Raleigh, and John H. Boushall, trust officer, Raleigh Savings Bank & Trust Co., Raleigh.

## PRICE ADVANCES FEATURE COTTON

Highest Prices For Week Made In The Early Sessions

New Orleans, La., Aug. 12.—It was an advancing market in cotton this week, the close showing net gains of 135 to 142 points. Highest prices were made in the early sessions, after which there were reactions, but in the late trading the market came back strongly. At the highest the trading positions were 144 to 160 points over the close of the preceding week; at the lowest they still were 17 to 36 points over. In the spot department prices gained 100 points in the net results, middling closing at 24.00 cents a pound against 21.13 on the close of this week last year.

The main reason for the advance was the droughty conditions prevailing in Texas and Oklahoma, although excessive moisture in portions of the eastern belt and consequent increase in insect damage also helped values. Reactions of the middle part of the week were due to scattered showers in Texas and Oklahoma, but when, at the end of the week, it was seen that they were not continuing, there was a resumption of the buying movement. Complaints of premature opening of bolls on a very extensive scale came from Texas, and this, by some traders, was considered the most unfavorable of the week.

Some of the strength on the closing session of this last week was due to the forecast of fair weather for every State in the western belt for over Sunday, and it is generally considered that if the market this coming week opens on continued drought it will be forced to still higher levels. Rains would have the effect of checking the advance, but many circulars on the week-end warned the trade that if a rainy spell should set in over the western cotton belt it would take only a very few days to bring in crop complaints of the worst character, and moreover, it was pointed out that rains in the southern half of Texas would do a world of damage to the grade of open cotton, besides preventing the gathering of the crop.

### DEMOCRATS TO PLAY HANDS OFF IN FIGHT

Washington, Aug. 12.—A prediction that there will be no co-operation between House Democrats and the Republicans belonging to the LaFollette wing of the party in organizing the next House was made today by Representative Garrett, of Tennessee, Democratic floor leader in the last congress.

While in legislative matters the Democrats may "co-operate" with the LaFollette Republicans, he said, they will not, in his judgment, permit any factional division in the Republican party to place them in control of the House and make them responsible for legislative action.

The death of President Harding did not change the general political situation, Representative Garrett declared, because President Coolidge has announced his intention to carry out the policies of his predecessor.

These gentlemen were enthusiastic in their appreciation of the success of the association, and expressed themselves as willing to stand behind it financially for the coming season.

## GERMAN PREMIER QUILTS HIS POST

Chancellor Cuno And Entire German Government Resigns

Berlin, Aug. 12.—The resignation of Chancellor Wilhelm Cuno and his entire cabinet were accepted today by President Ebert.

Dr. Gustav Stresemann, leader of the German people's party, has been commissioned by President Ebert to form a new government.

After accepting the task, Herr Stresemann had a conference with the representatives of the various parties. The greatest difficulty seems to be in connection with the foreign ministry, and it is believed possible that he will take the post himself temporarily.

It is believed in political quarters that Herr Hüfner will be the new finance minister and Herr Hellman will be named minister of interior, while the name of Herr Rheinbaben, of the people's party, is mentioned as the new secretary of state to the imperial chancellery.

Thus, the new cabinet would be of a strictly political character, including representatives of the United Socialists, clerical, people's and democratic parties.

The United Socialists have made it known that they expect to have four seats in the ministry.

Just before Chancellor Cuno called on President Ebert to submit the Reichstag leaders, representing the present coalition parties, the United Socialists, visited the president and discussed with him the prospects of constructing a government on a four-party coalition basis. This indicated that the United Socialists had arrived at an understanding with Burgeois parties with respect to their readiness to enter a cabinet which would accept as a platform the program of internal tax and financial measures and other political and economic demands which the United Socialists put forward in their campaign against Herr Cuno.

The fresh brakeman approached the lunch counter Jane with a look of tenderness in his eye.

"Little dear," he began, as he started to encircle her waist with his arm.

"Down brakes, kiddo," she interrupted. "You're going around a dangerous curve."

## TWO MEN KILLED BY TRAIN AT WHITAKERS

Whitakers, Aug. 11.—Train No. 33 of Atlantic Coast line hit an automobile at 6:35 p. m. and killed Jack Whitehead and Eugene Pittman instantly. Three gallon jugs of liquor were found in the car. About two months ago Whitehead was in an automobile wreck at Buteboro near here, in which his brother was killed and another injured. Liquor was found in the car then, but he was cleared of blame for the accident.

## CRAWFISH CAUSE DAM TO BURST AT RESORT

Lenoir, Aug. 7.—The dam at Maybew Lake, located in Mayview Park, blowing Rock, burst last week and completely drained the lake. No damage was done. The break in the dam was caused by crawfish. It seems that the terra cotta tile had been used instead of iron tile in some of the drainage system. It is believed that the crawfish worked through from the filling and started water seeping through.

Mayview Lake covers only a few acres, and there was no farm land for a number of miles below. By the time the water had reached the Globe it had spread out so that there was no damage done to the people of that section.

The dam is being rebuilt.

"I hear that Kitty is getting a divorce."

"Yes, she married a captain during the war and now, of course, he is frightfully out of style."—Life.

## Drive Away MOSQUITOES

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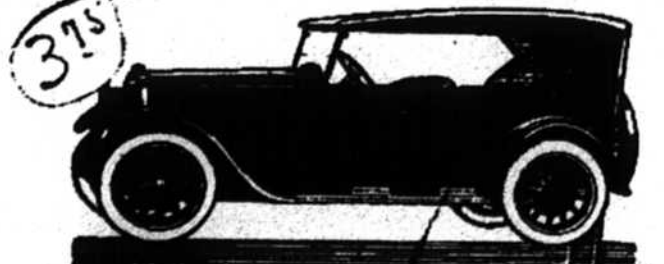
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## Here's Good News for the Man who needs a Royal Cord



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The New Five Passenger Buick! A new Buick six-cylinder touring car! Buick in character—Buick in quality—yet a new Buick—a finer Buick. It has a compelling fascination that inspires you to take the wheel and, conscious of being fittingly conveyed, travel the ways of business or of pleasure. Here, too, is power. And with this greater power is also greater safety for the proved Buick brakes are now applied to all four wheels. The new Buick 70 h. p. valve-in-head motor with its complete automatic system of lubrication contributes to that greater measure of utility and satisfaction which is Buick's policy year after year, to lead into its own. Green's Buick Service Station. DUNN, N. C.

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