

# COUNTY AND FARM PAGE

## Citizens of State Now Urge More Work Be Done On Highways

Raleigh.—People in North Carolina are again becoming highway conscious and are not only wanting the present highways maintained in good condition but are wanting more new roads. Chairman E. B. Jeffress of the state highway and public works commission, said. Last summer, when the government made the allotment of \$2,000,000 of federal money to North Carolina for new highway construction, the highway commission received requests for \$50,000,000 worth of new roads within a month or so. Within the past few weeks the movement has started for doubling the width of State Highway No. 10 from Goldsboro to Morehead City, a distance of 107 miles, and for the development of several new routes eastward to Morehead City, as the result of the new port terminal to be built there. Many requests for the building of new highways or for the hard surfacing of present routes are also being received from the Pigment and the west.

"If we are going to be able to build even 10 per cent of the roads we are being petitioned to build we will not only need all the federal funds we can get, but all the state funds as well," Jeffress said. "In fact, some of these single projects now being urged would use up almost the entire federal allotment for this coming year, and leave nothing for other sections. The people must decide between now and the next session of the general assembly whether they want more highways, and hence to keep the present indications are, however, that they want more and more roads."

Under the new federal aid road bill just signed by President Roosevelt, North Carolina will get \$4,840,941 for the fiscal year 1934-35, for use without having to match with state funds, Jeffress said. But if this money has to be expended under the same rules and regulations that have governed the expenditure of this year's allotment, 25 per cent will have to be spent in cities and towns on streets traveled by federal aid highways, and 25 per cent on feeder roads, to federal aid roads, so that, in reality only 50 per cent of the total, or \$2,420,470 will be available, for new construction work on the state highway system and then only on that part of it included in the federal aid system. It will require most of this to complete projects that have already been started. So not much new construction can be expected this coming year from this latest appropriation, Jeffress pointed out.

After this year, a total of \$2,900,000 in federal aid will be available, but only if matched from state funds, it was pointed out. So next year and the year after the state, will have to put up \$2,900,000 a year from its own funds to get the same amount from the government, or else get nothing. If this money is matched, it will make available virtually \$6,000,000 a year for new construction. These amounts will help materially to speed out the state's highway system, complete important links not now usable and modernize old highways, Jeffress said.

How to Live to Be 100. Freedom from Childhood Ailments During First Fifteen Years May Settle How Long You Live. Latest Findings of Science Revealed in The American Weekly, the magazine which comes on July 8 with the BALTIMORE SUNDAY AMERICAN. Buy your copy from your favorite newsboy or newsdealer.

## A GREAT ASSET

By LEONARD V. BARRETT

Hereditly is a more important factor in life than environment. The forces we have inherited enable us to overcome a bad environment. Lincoln lived amidst surroundings which ordinarily would have killed all initiative and enthusiasm. Because of strong inherited tendencies, which he acquired largely from his mother, he was able to master those conditions. Judas, in biblical history, lived in an environment which should have made him a great man. But his inherited tendencies, which mastered him, made him known in history as the betrayer. A person must either master his environment or it will master him.



One of the greatest blessings is a strong healthy body. Any person who has inherited health is to be heartily congratulated. A healthy body can overcome disease. A physician may be subject to contagion in the environment in which he works, but if he possesses normal health and exercises proper precaution, he is not likely to be infected. The tendency of health is to ward off and overcome disease.

This same fact holds true in the world of moral and spiritual values. Our environment during the past three years has been of the most depressing nature. Persons who were able to hold on and to overcome and not be mastered by their depressed tendencies, were in the majority of cases those who had within them the power to win. Doubtless, in the majority of cases, this was an inherited tendency.

The greatest gift parents can give to their children is not material wealth, or social prestige, but an inheritance of health of body, mind, and spirit.

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## Timely Questions And Answers On Farm Problems

Question: My pullets show an eye irritation with a whitish matter in them. They are all thin and some are dying. What is the cause and how can it be controlled?

Answer: Your description indicates a deficiency or lack of vitamin A in the ration. Check the ration being sure that yellow corn or yellow corn meal put them on range and, if there is not sufficient succulent green feed, add five per cent of alfalfa leaf meal to the ration. It would also be well to add one per cent of fortified cod liver oil to the ration every second day until the trouble disappears. This should be done whether or not the ration contains cod liver oil.

Question: Will drenching control stomach worms in lambs?

Answer: Experiments conducted at this Experiment Station show that drenching is absolutely necessary especially where the lambs have grazed on permanent pasture. This applies to all lambs now on hand and the drenching should be continued until the first of November. The most practical method of control, however, is to change pastures as often as possible and drench only when conditions show this to be necessary. This method of control has given excellent results.

Question: What crops should be planted now for a home garden in eastern Carolina?

Answer: Snap beans and field peas are two garden crops that should be planted between July 1 and 15. Cabbage seed for the fall crop should also be seeded in the out-door bed. The length of rows, amount to seed, and a succession of crops for future plantings are given in Extension Circular No. 198 which will be sent free upon request to the Agricultural Editor, State College, Raleigh.

## Tobacco Program Aids All Business

The plight of tobacco growers at the time the AAA adjustment program went into effect is shown by the average family income of only \$250 a year as compared with \$720 a year in 1929.

This reduced income had its vitiating influence on business conditions in the tobacco belt. For example, in 1932 there were some 600 tobacco warehousemen and 12,000 employees engaged in selling tobacco. Their total 1932 income was about \$5,000,000—half the income of 1929.

Approximately 90,000 wage earners in tobacco factories received \$61,000,000 in 1932, or \$675 per person. In 1929, the 116,000 workers got \$94,000,000, or \$815 per person. Late in 1933 the income of the tobacco grower had risen to an average of \$500 per family, and the income of tobacco warehousemen climbed back to \$9,000,000. More men were working in tobacco plants and at higher scales of pay.

Tobacco growers are not only helping themselves by making the tobacco program successful but are aiding employment increasing their best market for farm commodities, and helping restore the cycle of prosperity, said E. Y. Floyd, tobacco specialist at State College who has charge of the tobacco adjustment program in North Carolina.

He pointed out that the earnings of the large tobacco companies rose from \$135,000,000 in 1929 to \$145,000,000 in 1932. In addition to paying a 20 per cent dividend on capital invested, the companies paid a dozen or so administrative officials \$2,500,000 for personal service—or as much as received by 10,000 farm families for their labor and the use of their farms.

**Ohioans in White House**  
If Presidents Garfield and McKinley had been permitted to live out the terms of their office, Ohio would have had a period of 36 years, beginning with 1863, within which only one man not an Ohioan by birth occupied the White House.

**The "Hash" of Holland**  
"Rijstafel," the national Dutch dish throughout the East, often contains as many as 30 different ingredients, including meat, fish, eggs, fruit, vegetables, deviled nuts and rice.

## Pastures Started By Aid Of Terraces On Steep Slopes

Plowed fields on steep slopes, which are to be put into grasses or legumes, can sometimes be profitably terraced to check erosion until a turf is formed. Soil erosion on permanent pastures where turf grasses are firmly established has been shown by careful experiments to cause little loss.

Level terraces may influence other factors of crop production besides soil erosion since a large proportion of pastures are on rough land. Before a good turf is formed, especially on porous soils, runoff and leaching are so rapid that soil moisture may quickly become deficient for growth. Even on old pastures drought effects are first apparent on the slopes where there is little storage of soil moisture, unless the land is terraced.

Level terraces are also important in hill pastures in regions where annual legumes such as lespedeza and hop clover are part of the pasture mixture. Lespedeza especially has a light seed, and on hill slopes the seed is washed by hard rains into depression or completely off the pasture.

Closely spaced terraces reduce velocity of surface water and moving seeds are stopped at the first terrace. During the first year there will be some shifting of soil from the crest of the terraces to the troughs below. With a complete soil the second year this shifting should be almost stopped.

**Birthplace of Chrysanthemums**  
Long before the first hardy chrysanthemum reached Europe, Chinese gardeners cultivated and developed many interesting forms. The first chrysanthemum appeared in Europe after the middle of the Seventeenth century. First planted in Holland, they then were introduced in France and England where they quickly became popular. They made their appearance in this country in the Nineteenth century. Two wild chrysanthemums with small flowers are said to be the ancestors of 400 different types of this plant.

## Bovine T. B. Is On Decrease In U. S.

Bovine tuberculosis in the United States is gradually giving way to the onslaught of co-operating veterinary forces, according to the United States Department of Agriculture which has just issued a map showing the extent of the disease in all States on May 1st.

The map has various degrees of standing to indicate the areas free and comparatively free from the disease in contrast to other areas where bovine tuberculosis is still a serious case in approximately 58 per cent of the total, practically free of the disease, as shown by tuberculosis testing of cattle.

The map also shows that 14 entire states had all of their counties in that classification. These are North Carolina, Maine, Michigan, Indiana, Wisconsin, Ohio, Idaho, North Dakota, Nevada, New Hampshire, Utah, Kentucky, West Virginia, and Washington. In most of the other states favorable public opinion and satisfactory work are bringing about highly gratifying progress.

The situation portrayed in this map has developed since July, 1923 when 17 counties within 4 states were designated as the first modified accredited areas. The progress of this eradication work in the United States is shown by the results of the biennial surveys which have shown a steady decline in the extent of bovine tuberculosis. The first were tuberculosis, while in 1934 the corresponding percentage was only 1.1.

## GABBY GERTIE



"Curves are good form unless they become circles."

## Good Income Is Secured From Pulp Wood In This State

An annual income of \$1,500,000 comes to North Carolina timber owners, wood cutters, wood haulers, and marketing agents from the marketing of pulp wood.

During the past five years, an average of 255,772 cords of pulp wood were harvested yearly at a value ranging from \$4 to \$8 a cord f. o. b. cars at the shipping point. The average price was \$6 a cord.

During the five-year period, of which a survey was made by R. W. Graeber, extension forester at State College, the pulp was consumed by eight mills, three within the state and five in neighboring states.

The three mills within the state consumed 235,296 cords of wood a year, while 18,496 cords were shipped elsewhere. The greater portion of the wood was pine, poplar, hemlock, and chestnut. The balance was divided among many species, including spruce, gum, soft maple, basswood, cucumber, and buckeye.

The profit from the sale of wood to the mills is divided among four classes of people. The timber owners and hauling contractors each receive about 25 per cent, and marketing agencies about 8 per cent.

In addition, the railroads get approximately \$150 a cord in freight charges, or almost \$400,000 for delivering the pulp wood to the mills.

Mr. Graeber pointed out that well-stocked stands of timber are good investments and will produce an average annual growth of one cord per acre. Pulpwood, he continued, forms the basis of a great industry which gives employment to thousands of people.

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