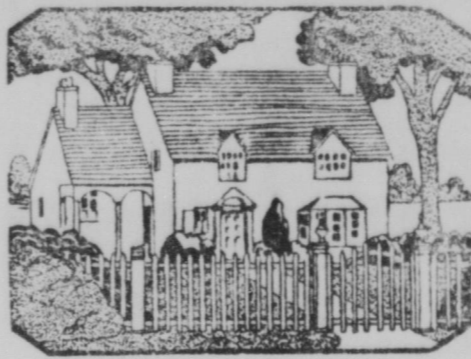




# FARM AND HOME

J. E. McINTIRE



vested crops. They have terraced their fields to hold moisture and soil. Theirs is a long time program, handed down from father to son, designed to assure a permanent agriculture.

Our experiment stations are far ahead of those in most European countries in demonstrating good soil management and making practical information on agriculture available to all. They have been urging soil conservation for many years, pointing the way to continued fertility and high production. Although their efforts have borne much fruit, we see in every community evidences of neglect and soil robbery that warn of

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NUMBER 47

## Campbell College Celebrates 51st Commencement

Campbell College will celebrate its fifty-first commencement June 1st with Editor Santford Martin of the Winston Salem Journal delivering the commencement address and Dr. Sankey L. Blanton, First Baptist pastor, Wilmington, preaching the sermon May 29.

SMITH'S

### BURNING TOBACCO CURER

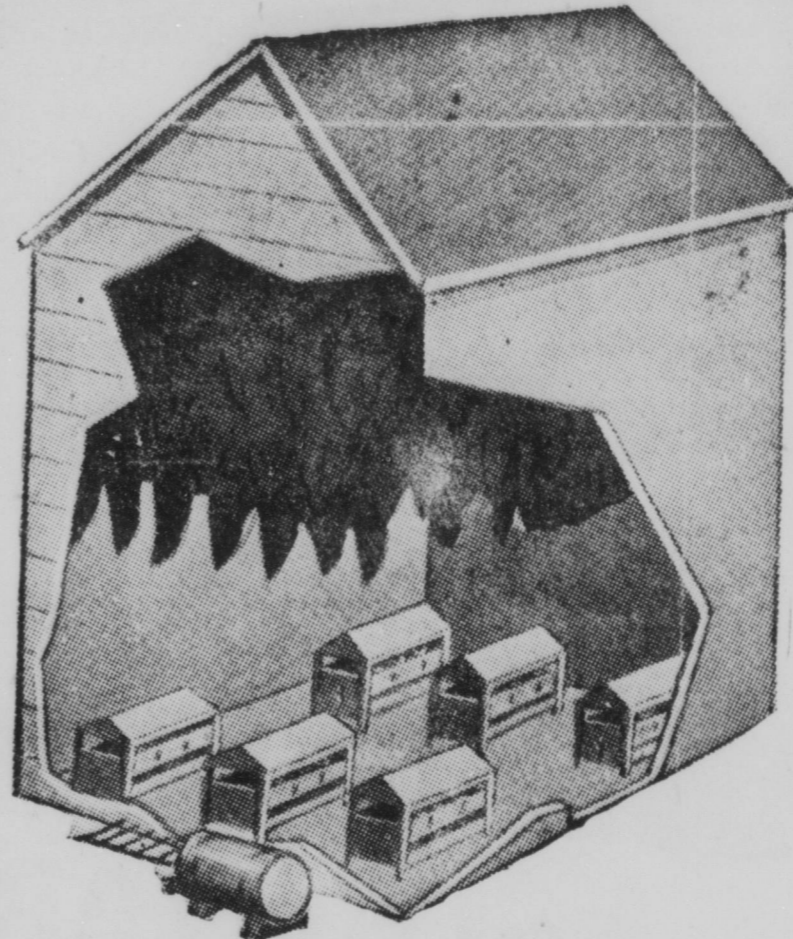
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BETTER CURING and SAFER.

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for full information about the most widely used and universally satisfactory oil-burning tobacco curers in the world.



Smith's Heating System — C. C. Strickland, Agent

### ANNOUNCES THREE NEW EXTENSION BULLETINS

The use of auxins in rooting plant cuttings is explained in a new circular published by the State College extension service for distribution to North Carolina farmers.

Soaking the cuttings in indolebutyric acid, known as auxin, is a big help in propagating plants, as the acid causes cutting to put out more and better roots at a faster rate.

This publication, extension circular No. 221, "Use of Organic Acid in Rooting Cuttings," prepared by J. G. Weaver, assistant horticulturist, with the help of C. F. Williams, associate horticulturist, may be obtained upon request.

The publication of two other new bulletins by the extension service has been announced.

Dr. Luther Shaw, extension plant pathologist, has explained the need for treating cotton seed to control damping off disease, and shown how the treatment should be administered.

The explanation is contained in extension folder No. 39, "Why and How to Treat Cotton Seed."

Extension circular No. 222, "Terracing to Reduce Erosion," was prepared by David S. Weaver, head of the department of agricultural engineering, and H. M. Ellis, extension agricultural engineer.

It points out various methods of constructing terraces on different slopes and soil types, and illustrates the use of light V-drags and heavy terracing equipment.

These publications may be obtained by writing the agricultural editor at State College, Raleigh.

Tobacco seed plants should be selected just before the tobacco is topped. The leaves should be well spaced on the stalk and the seed plant stand out above the average plants if the quality is to be improved by selection. For this reason typical plants of the variety should be selected and bagged in a 14 pound paper bag just before the first bloom opens. This prevents cross-pollination. If the plant is too slender to support the bag, pinch off the first blossoms and allow the plant to become stronger. But worm bait should be applied to the seed pods before the bags are put on.

The general symptoms of worm infestation in poultry are unthriftiness and subnormal weight. However, an autopsy is the only sure method of determination and this should be made on several birds. If the flock is infested to a great degree and the specie of worm determined, the treatment as recommended in Extension Circular No. 160 should be given. Rigid sanitation should also be practiced at all times. The circular mentioned may be secured free upon application to the Agricultural Editor at State College.

### UNPRODUCTIVE LABOR

A bystander said to a fisherman, "Time ain't very valuable to you, brother, that's plain. Here I been watchin' you three hours and you ain't had a bite."

"Well," drawled the fisherman, "my time's too valuable, anyhow, to waste three hours of it watchin' a feller fish that ain't catchin' nothin'."

### LOOK TO THE FUTURE

A traveler, who recently returned from Europe, says: "American farmers have yet to learn the full importance of preserving the soil and maintaining its fertility. They may well take their lessons from the farmers of Italy, France, Germany, and England where the soil has been made to feed generation upon generation with no slackening in its productivity."

Ours is a comparatively new country. The agriculture of the South and East was little more than a way of self-sustenance one hundred years ago. The rolling timberlands and prairies that were to become the great Corn Belt were just getting accustomed to the plow seventy-five years ago. Most of the present Bread Basket of the nation was still a vast range swarming with cattle fifty years ago. And most of the agricultural development of the far west has taken place since the turn of the century. Yet, in every section of the country, we see the need for immediate action to stop erosion from wind and water, and to rebuild the fertility of the soil to a more productive level.

Perhaps we can take a few lessons in soil management from farmers across the waters and profit therefrom. They have no

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