

# Farm News

about the A. H. and other  
**EXTENSION WORK**  
County Agent

## Program Offers Pay For Sowing Pasture Land

North Carolina farmers are urged to take advantage of the opportunities they have to develop good pastures while earning payments under the agricultural conservation program.

On farms where the full amount of the soil-building allowance has not yet been earned for 1937,

growers may still earn payments up to October 31 by seeding permanent pastures.

Rates of payment offered for seeding various pasture mixtures have been noted by John A. Arey, extension dairy specialist at State College, as follows:

For mixtures containing 50 per cent or more, by weight, of mammoth clover or red clover, \$2 per acre.

For mixtures containing 50 per cent or more, by weight, of one or more of the following legumes, annual lespedeza, sweet clover, or

alsike clover, \$1.50 per acre.

For any mixture of bar clover, white clover, red top, or timothy, \$1 per acre.

Payments will also be given for applying lime, superphosphate, or potash to non-crop pasture land or in connection with the seeding of fall pasture grasses or winter cover crops such as crimson clover, Austrian peas, and vetch.

For applying 1,000 to 5,000 pounds of ground limestone per acre, \$2 a ton.

For applying 100 to 500 pounds of 16 per cent superphosphate or its equivalent, 80 cents per 100 pounds.

For applying 30 to 250 pounds of muriate of potash on land where superphosphate has been applied in accordance with the program, \$1 per 100 pounds.

Four-H Club members of Anson County are cooperating actively in the Wildlife Conservation program, with many good reports expected to be turned in this fall.

## STATE COLLEGE ANSWERS TIMELY FARM QUESTIONS

**QUES:** What can I use to keep insects out of my stored beans and peas?

**ANS:** The best preventative to treat the seed with carbon disulphid. The beans or peas are put into a water tight barrel or some other container that can be made air tight. The container is filled with the seed to within a few inches of the top and the carbon disulphid poured directly on the seed. For ordinary infestations one-half cup of carbon disulphid should be used to the barrel of seed, but where the seed are heavily infested a full cup should be used. Cover the container with a double thickness of heavy wrapping paper, tie tightly around the top and leave for at least two days. If the insects are still active, repeat the treatment. The containers should be kept covered at all times.

**QUES:** How often should new blood be introduced in the poultry flock?

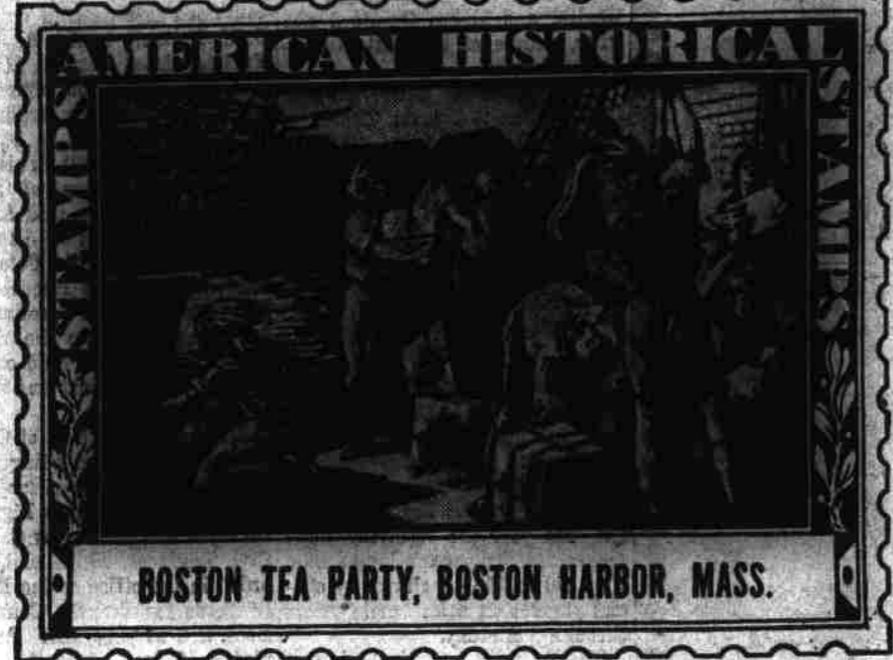
**ANS:** In general, it is wise to secure new blood on the male side every two years, but great care

must be exercised in selecting the source of these new males. Pedigree males should be used if possible, but if these cannot be secured, only males from proven profitable flocks should be purchased. Heavy flocks have had the laying qualities bred out of them because of excessive, uncontrolled breeding or because of poor judgment in selecting new males. Your county agent can be of great assistance in selecting the sources of good birds.

**QUES:** When should lespedeza be cut for seed?

**ANS:** The Korean variety may be cut for seed about October 1, and the other varieties after the first hard frost. If the crop has been cut for hay enough second growth will be made to reach the land, but it is seldom possible to remove a hay crop and a seed crop the same year. After cutting, the Korean variety is left in the barn or stacks for a few weeks and the seed threshed out on a grain separator. Seed from the Common, Tennessee 76, and Kobe are harvested with a seed pan.

Significant progress of the County Extension Service is shown by the fact that 12,000 pounds of seed have been distributed to date. A large number of farmers in Anson County are participating in the program, and for adults, according to P. Butler, county farm agent, in County.



## American Historical Society

BOSTON TEA PARTY, BOSTON HARBOR, MASS.

### Boston Tea Party made History in Colonial Days American Oil Company makes History in 1937 with Greatest AMOCO-GAS

The history of America is a story of courage... of an unconquerable spirit that turned a colonial wilderness into the most productive country in the world.

It's a big jump from the small towns of colonial days to the great cities of the present! And it's a big jump from the transportation of the eighteenth century to that of 1937. The story of the automobile and of the development of better motor fuels is an interesting chapter in American history. American Oil Company is proud of the major part it has played in this story!

American Oil Company revolutionized the automotive industry—made possible today's high compression motor—by introducing Amoco-Gas, the first and

original special motor fuel.

Amoco-Gas, for years, has held more world's records than any other motor fuel! Time after time it has been proved the world's best.

But recently new scientific developments made this world's finest motor fuel even better. New processes were invented and patented... new equipment perfected... the greatest and most modern refining unit in the world was made even more modern.

The result is that the new Amoco-Gas is the greatest in our history! It gives even better performance, smoother operation than last year's superb Amoco-Gas! Always the best—now better than ever!

Greatest AMOCO-GAS Now on Sale at "The Sign of Greater Values"

## Lime, Phosphate Make Bigger Wheat Yields

A nine-fold increase in wheat yield on a field where lime and phosphate were applied has been reported by L. H. Kent, Madison County farmer.

The soil is of the Haysville clay loam series and lies on a 27 per cent slope that makes it subject to erosion unless planted to close-growing crops.

He applied a ton of lime and 100 pounds of triple superphosphate per acre except on strips he left for check plots, said K. A. Haney, assistant farm agent of the State College extension service.

On land where lime and phosphate were applied, Kent made a careful check. From one square yard he cut 100 full-bodied heads that yielded nine ounces of grain.

On the check plot where phosphate was applied without lime, he cut 82 heads that yielded five ounces of grain.

From the check plot where no lime or phosphate was applied, he got 50 small heads that yielded only one ounce of wheat.

Haney said that Kent cut the samples and rubbed out the wheat grains himself and weighed them on a small scale that is highly accurate for small amounts.

The lime paid for itself in the increased wheat yield alone, Kent told Haney, and the clover crop following the wheat is more than twice as good on the limed field as it is on the unlimed check plots.

The clover has not only developed a much thicker, more luxuriant stand, but also has a big, strong root system.

## Worms Often Attack Stored Dried Fruit

Fruits and vegetables now being preserved by drying may become infested with worms, warns Dr. Z. F. Metcalf, entomologist at State College.

To protect dried fruits and vegetables from infestation, he suggested that they should be stored in tight paper bags or other containers which can be kept tightly closed.

The dried foods should be examined from time to time to see whether worms have appeared. If they get into the foods in spite of the precautions taken, the foods should be heat-treated.

Dr. Metcalf says the fruits and vegetables found to be infested should be heated to a temperature of at least 135 degrees Fahrenheit for two hours or longer.

The oven of an ordinary cook stove makes as good a place as any to heat the fruits or vegetables should be stored in a dry place to protect them from mould.

## 4-H Exhibits to be State Fair Feature

The 4-H club exhibits are expected to be a feature attraction at the State Fair, Raleigh, October 12-16, according to L. B. Harrill, 4-H club leader at State College.

Last year the baby beef and dairy calf exhibits together with the corn show put on by 4-H club members were considered the best ever witnessed in North Carolina, and an attempt will be made to equal or better that record this fall, Harrill added.

Club members are also working hard getting ready for the judging contests covering crops, livestock, and poultry to be held Friday of fair week.

Other exhibits in which entries will be made by individual club members will include swine, poultry, clothing, food conservation, and room improvement projects.

Harrill is particularly interested in the educational exhibits which will illustrate what 4-H clubs are doing for North Carolina farm boys and girls. The theme will be "4-H club work trains in the art of living."

One county will be selected from each of the five extension districts of the state to put on the educational exhibits in wildlife conservation, recreation, first aid, health, and farm and home conveniences.

Harrill pointed out that in addition to the cash and special prizes offered by the fair association, three one year scholarships to State College will be offered in the

## Worms Often Attack Stored Dried Fruit

Fruits and vegetables now being preserved by drying may become infested with worms, warns Dr. Z. F. Metcalf, entomologist at State College.

To protect dried fruits and vegetables from infestation, he suggested that they should be stored in tight paper bags or other containers which can be kept tightly closed.

The dried foods should be examined from time to time to see whether worms have appeared. If they get into the foods in spite of the precautions taken, the foods should be heat-treated.

Dr. Metcalf says the fruits and vegetables found to be infested should be heated to a temperature of at least 135 degrees Fahrenheit for two hours or longer.

The oven of an ordinary cook stove makes as good a place as any to heat the fruits or vegetables should be stored in a dry place to protect them from mould.

## Winters Resigns Station Director

After 25 years of service with the Agricultural Experiment Station of State College, the last twelve being as director, Dr. E. Y. Winters has resigned his position to accept a more remunerative place as principal administrator representing the cotton states in the Office of Experiment Stations of the United States Department of Agriculture.

Dr. Winters came to State College in January 1912 as cotton breeding agronomist and in addition to his research activities has taught plant breeding on the teaching staff. He also served as associate head of the agronomy department and developed courses in graduate study among advanced students. He was born at Society Hill, South Carolina, in 1886; was graduated from Clemson College in 1909; earned his Masters degree at the University of Florida in 1909; was awarded the honorary Doctor of Science degree by Clemson College.

Officials of State College have expressed deep regret at the resignation of the Station director but attribute it directly to a lack of financial support of the Station on the part of the State. Col. John W. Harrelson said agricultural progress is directly dependent upon scientific research and that Dr. Winters had done an excellent job with the federal funds and the limited state support at his disposal.

The resignation is to take effect as of October 1 and as yet no successor has been appointed. Dr. Winters had agreed to stay as long as possible so as to give college authorities time to study the situation and secure the best possible plan. In his new position, Dr. Winters will be associated with Dr. James E. Jaspine, in charge of scientific research for the United States Department of Agriculture.

## IT IS FAIR TIME AGAIN

### The Neuse-Atlantic Fair

#### Kinston, N. C.

October 4, 5, 6, 7, 8, 9, 1937

### SIX NIGHTS—FIVE DAYS

#### The Fair Opens Monday Night Oct. 4th at 5:30 P. M.

### All Ladies and Children Free Opening Night

**TUESDAY**—School Day for all white school children and Teachers in Eastern Carolina—FREE at the Main Gate until 4:00 P. M.

**WEDNESDAY**—School Day for the Colored School Children; All admitted FREE up to 6 P. M.

**THURSDAY**—Is Chesterfield Day, with a special program at night sponsored by the makers of Chesterfield cigarettes.

**FRIDAY**—Is Lucky Strike Day with a special Amusement Program at night sponsored by the makers of Lucky Strike Cigarettes.

**SATURDAY**—Is Miss Popularity Day, under the personal direction of Mr. G. C. Mitchell. The CHESTERFIELD and LUCKY STRIKE Programs will be under the personal direction of Mr. Pat Alderman; if you can sing, dance or play an instrument, get in touch with Mr. Alderman.

**This Will Be a Full Week of Entertainment and Education**

**KIDS SHOWS ON THE MIDWAY.**  
**FIRE WORKS NIGHTLY.**  
**SPECTACULAR PROGRAM OF PROFESSIONAL ACTS AFTERNOON AND NIGHT.**  
**HIGGINS FAMOUS BAND WILL FURNISH MUSIC FOR THE ENTIRE WEEK!**  
**EXHIBITS IN ALL DEPARTMENTS—\$1,500 OFFERED IN PREMIUMS.**  
**BRING YOUR EXHIBIT TO THE FAIR.**  
**PRICES OF ADMISSION: Adults, day or night, 35 Cents; Children, 10 Cents.**  
**Block Tickets Good for 4 admissions, \$1.00 sold in advance.**

**REMEMBER THE DATES**  
**October 4, 5, 6, 7, 8, 9, 1937**  
**Kinston, N. C.**

J. A. Jones, Pres. N. G. Bartlett, Sec. R. F. Grady, Vice-Pres. FAIR COMMITTEE: R. E. Rouse, O. E. Freeman, C. M. Brickhouse, Miss Mae Swann, Y. C. Banks, L. C. Herring, Guy Elliott, O. C. Aldridge, J. Q. Hart, Jesse G. Brown, J. W. Taylor, Guy Hargett, J. M. Jones, D. F. Wooten.

# MERCURY BOOKS

## For a Full-Length Novel

Here at last are the books America has been longing for. Designed by America's foremost book designer—well printed—handsomely bound in a special English-finish cover paper. At a price which has brought long, loud applause from every section of the country—25c for a full-length novel.

These great book bargains are made possible only because leading book publishers and authors are accepting a low royalty, because the books are printed on special high speed presses in quantities of 100,000, and because THE AMERICAN MERCURY—America's leading literary magazine—has launched the enterprise without charging any overhead or editorial expense to it.

To date we have published 4 books—all distributed through the better newsstands of America.

- **COMPANY K**—An extraordinarily moving and an important book. Saturday Review of Literature.
- **THIRTEEN STEPS**—A powerful, startling novel packed by breathless action and a strange love story.
- **EVERYTHING IS THUNDER**—described by O. C. McIntyre as "the most absorbing book I've read in five years."
- **THE POSTMAN ALWAYS RINGS TWICE**—described by the famous F. P. A. as "the most engrossing, unlaydownable book that I have any memory of."

If your news dealer is sold out and cannot supply you with the books, use the coupon below for these great bargains. Send 25c in coin or stamps for each book desired—or \$1.00 for all four books—to THE AMERICAN MERCURY, 570 Lexington Ave., New York.

Enclosed find \$1.00—Send me all four books.  
Enclosed find \_\_\_\_\_ A. Name send \_\_\_\_\_ Company \_\_\_\_\_  
—Thirteen Steps—Everything is Thunder—The Postman Always Rings Twice.

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
American Mercury Books, 570 Lexington Ave., New York

## AUCTION SALE

### At Scott's Store, Saturday, Oct. 9th

- 1—1935 Chevrolet Coupe.
- 1—1935 Chevrolet Truck.
- 1—Guano Truck.
- 1—30 Horse-Power Steam Engine.
- 1—Edger.
- 1—Tractor (Fordson).
- 1—Plainer.
- 1—1-2-Ton Trailer.
- 1—Ton Chain Hoist.
- 1—Little Jay Cultivator.
- 1—One-horse Wagon.
- 1—Bush and Bog Tractor Disc.
- 1—Double Section Disc.
- 1—Two-Disc Plow.
- 1—Mule.

And all Other Personal Property of the Late A. J. Scott

Sale Starts Promptly at 10:00 A. M.

Vance B. Gavin  
Administrator of the Estate of  
A. J. Scott, Deceased