

Soil Erosion Ruins Over Million Acres

Why so much talk about soil conservation? About planting trees? About winter cover crops and legumes?

What is the significance of deep gullies which mar the landscape of North Carolina? The rivers that run red after heavy rains? The channels of streams that become shallow? E. Y. Floyd, AAA executive officer of State College, supplies the answers with data collected through a recent reconnaissance erosion survey of North Carolina. It showed that 1,410,490 of the 31,276,299 acres of land in the State, exclusive of large cities and waterways, has been essentially destroyed for tillage by erosion. That is 4.5 of the crop land.

The survey further revealed that 12,187,448, or 30 per cent of the farm land, has been affected by erosion, and that 9 per cent has lost over three-fourths of its topsoil and some subsoil. That was only through sheet erosion.

A total of 5,647,540 acres, or 18.1 per cent of the land, has been affected by gullying, or severe erosion.

"This is one of the major problems with which the Triple-A farm program is concerned, and it is one of the reasons why the government is offering farmers cash payments to conserve and build up the fertility of their soil through the planting and turning under of legumes, the planting of forest trees, terracing and the use of certain soil-building materials such as phosphate and lime," Floyd declared.

He urged that farmers carry out enough soil-building practices to

Government Helps Tenants Buy Farm

One fact of vital importance to business men in agricultural communities that has been obscured by the headlines on the spending-lending bill is that the government this year has another \$40,000,000 to help competent farm tenants, sharecroppers and farm laborers to purchase their own farms. This appropriation makes a total of \$75,000,000 in the last two years earmarked for the drive to stem the impoverishment of landlords, tenants and land. Thus far more than 6,000 farms have been bought under the plan, at an average cost of \$5,000 each, with the loans running for a 40-year period. The new life given to these farmers has brought needed strength to the purchasing power of their communities. That there is still a long distance to go in the program is indicated by the fact that two out of every five farmers are tenants, farming land they do not own.

Silo Keeps Feed In Good State Of Preservation

E. C. Spruill, of Windsor, opened his silo containing about 70 tons of molasses silage recently and found it in a good state of preservation. He also found that his cows like this stored feed.

They earn their maximum payments this year, and that if there is any doubt in any person's mind about any phase of the program, that he get in touch with his county farm agent immediately.

Act To Incorporate Drainage Ditch Is Before The Courts

Expressed Opposition Forces Action Before Superior Court Clerk

Robersonville, N. C., August 16. —In an effort to effect a better drainage system for the town and adjoining properties, a special proceeding was started before Martin County Superior Court Clerk L. B. Wynne last week for the incorporation of a canal leading from Robersonville to Collie Swamp, southeast of the town.

Some time ago the Works Progress Administration started the drainage project and enlarged the lower reaches of the canal. For some unannounced reason, the WPA was forced to abandon the project, and now the owners of land adjoining the upper part of the canal, anxious to have the project completed in its entirety, have joined the Town of Robersonville in its efforts to incorporate the canal and have it opened and possibly enlarged from its source.

A hearing in the action has been postponed pending a survey of the project by a licensed surveyor and a study of the drainage system made. The surveyor will be directed to map the project, and a commission of three members named by the court clerk will make a detailed study and offer cost estimates when the hearing is resumed.

Messrs. J. Linwood Knowles, of Dardens, Joshua L. Coltrain, of Williams Township, and J. C. Ross, of Oak City, have been named by Clerk of Court L. B. Wynne to make a study of the project and submit cost estimates.

Apparently the opposition plans to fight the case to a bitter end, and that final settlement can be effected only after a visit to the superior court is made. A high spot in the suit and one that reflects a shortage of room in the courthouse was reported a few days ago when a group of litigants, possibly nine or more, crowded into a toilet to discuss the project.

Attorneys Hugh G. Horton and J. Calvin Smith have been employed to represent the plaintiffs, and Attorney E. S. Peel is representing the defendants.

Clerk of Court L. B. Wynne stated this morning that he had not been advised if any or all the men named could or would serve on the special commission to make the survey of the ditch and advance a cost estimate of the project.

Reports Excellent Results By Applying Lime To Oats

Roy Henson, Sylva, Jackson County, reports excellent results from the use of lime applied to oats which he seeded last spring, saying the grain made more growth and had a better color than that on unlimed land.

This Month On the Farm



Say Bolivar Pigg, he sez, sez he: "I sure do love a friendly tree; It gives us everything that's good An' nothin' bad as I can see." — Sez Bolivar P., sez he.

THIS MONTH CUT

August is a busy month on the average North Carolina farm, so here are a few suggestions from State College specialists on various summer tasks:

Swine

H. W. Taylor, extension swine specialist, says hogs should have access to cool, shady places and a constant supply of fresh clean water during the hot sultry days of August. If natural shade is not available, an artificial shade can be made of boards, brush, or straw. A good mineral mixture should be available to every hog in the herd. A good mixture can be made of 10 pounds ground limestone, 5 pounds steamed bone meal, and 2 pounds salt. Don't mix the minerals with the feed, but keep them in a separate compartment where they will stay dry. Good pasture is necessary and should be furnished.

Veterinary

Livestock losses due to the consumption of certain plants under conditions favorable to the formation of hydrocyanic acid are large during drought periods, says Dr. C. D. Grinnells, veterinarian of the State College Experiment Station. Chokeberry, black cherry, and Johnson grass produce the poisonous acid when their normal growth is stopped or retarded by adverse conditions such as drought, bruising, cutting or trampling. To prevent livestock from becoming poisoned, eliminate these dangerous plants from your pastures and paddocks. Hydrocyanic acid poisoning produces death quickly, although antidotes have been developed which give good results.

Cattle

John A. Arey, extension dairyman, advises farmers to prepare their land now for winter grazing crops. Growers in the Upper Piedmont and Mountain section should seed these crops the latter part of August so that they may make sufficient growth before cold weather sets in.

Agronomy

Enos Blair, extension agronomist, has several suggestions for farmers for the month of August. If crimson clover seed are to be sown in the fall, they should be in the ground before August 15. These seed should be scattered between rows of corn, cotton, or tobacco and covered lightly—about a half-inch deep. Use 30 pounds of seed per acre. Velvet, Austrian winter peas, and cleaned crimson clover seed may be sown dur-

ing the latter half of August in growing crops such as corn, cotton and tobacco. The best time to sow alfalfa is during the last week of August. Other suggestions are: begin filling silo as soon as corn is well blazed; watch small grain in storage and treat for moths and weevils when necessary; and make plans for reorganizing your farm with a good crop rotation system, to begin with your fall sown crops.

Dandelions

R. L. Lovvorn, agronomist in forage crop investigations, offers this suggestion: A 2 per cent solution by weight of copper nitrate, applied at the rate of 200 gallons of water per acre, is one of the best chemical mixtures known for the control of dandelions in the lawn or pasture. The spraying should be done on a clear day, preferably in the morning. For small areas, 1-1/2 pounds of copper nitrate dissolved in 7-1/2 gallons of water is sufficient to spray 1,000 square feet one time.

Plant Diseases

Dr. R. Frank Poole, plant pathologist of the Experiment Station at State College, comes forth with these suggestions on common plant diseases: Spray your apple trees with two pounds of copper sulphate, plus two pounds of lime, plus 50 gallons of water to control common summer rot; spread onions on wire or lattice boards well above the floor in a dry and well-aired place to prevent rot; give air to the tobacco in storage when necessary to prevent moldy condition; knock peach mummies caused by brown rot from the trees to prevent serious blighting of the limbs; and pick cowpeas when mature to prevent blackening and decay that usually follows periods of wet weather.

Milk Shakes

Here's a bit of advice from Miss Ruth Current, State home demonstration agent, on how to beat the heat: Drink plenty of milk shakes, for they are not only refreshing but nourishing as well. They offer the food value of milk and contribute more calories in the chocolate, caramel, fruit pulp or syrup, and other ingredients that may be added. Vanilla and almond extracts make good flavorers. Nutmeg and cinnamon may be sprinkled on top of the drink. Always add a dash of salt to milk shakes and other summer drinks. Besides improving the flavor, salt also is needed to replace the large quantities lost in perspiration during hot weather.

New Interest Rate Is Lower Than Old

A new low interest rate of 4 1/2 per cent is now available to small home builders through the Federal Housing Administration. This represents a cut of one-half of one per cent below a rate which was already below commercial rates. The new rate went into effect August 1.

On mortgages on large-scale rental projects the maximum rate will be 4 per cent, also a reduction of one-half of 1 per cent from the prior rate. As these announcements come from the FHA, Jesse H. Jones, Federal Loan Administrator, announced that branches of his agency would buy FHA-insured mortgages at the reduced rate at par and accrued interest, at the present service fee of three-fourths of 1 per cent, from lending institutions anywhere in the United States and its possessions.

The lower interest rates are expected to give further momentum to a home-building drive already encouragingly underway. The new rates were called "the most favorable financing terms ever available to home buyers on a nation-wide basis in the history of the country," by Stewart McDonald, FHA administrator.

He noted also that the lower rate on mortgages on large-scale rental properties should "enable a greater area than has been heretofore possible for private enterprise." Numerous lending institutions have already been making FHA-insured loans at 4 1-2 per cent interest, but the last reduction will make the rate uniform throughout the country.

Banner Year For Building Groups

1939 will be a record breaking year for the building and loan associations of the State if the present loan volume continues during the second half of the year at the same rate maintained during the first six months of 1939, according to Martin F. Gaudin, of Raleigh, executive secretary of the North Carolina Building and Loan League.

Weather conditions retarded loans during January and February of

this year, but every month since then has shown a decided increase, according to Gaudin.

A total of \$12,396,000 in loans were made, the average loan being \$1,500. More than \$5,000,000 was loaned out in construction of new homes and \$2,817,000 was used for purchase of new homes. Many homes were repaired or remodeled through these home lending institutions for approximately \$4,400,000 was loaned out for repairs, remodeling, refinanc-

ing and other miscellaneous purposes.

It is estimated that the building, savings and loan associations are making between two-thirds and three-fourths of the small home loans of the state. These loans were financed through the savings of more than 125,000 North Carolina sharecroppers who have been saving in increasing amounts for the construction of homes or for other worthwhile purposes, such as old age vacations and etc.

Store FIXTURES

Consisting Of
COUNTERS, SHOW CASES And
CASH REGISTERS FOR SALE
— ALSO —
2 BENTHAL PEANUT PICKERS
2 USED FARMALL TRACTORS
2 HAY BAILERS - PLOW CASTING
LARGE SUPPLY POULTRY WIRE

Harrison Bros. & Co.

Helpful Counsel & Friendly Attitude

We strive here to do away with formality and red tape in your banking needs. Our officers are always ready to share their experience and advice with you whenever you indicate a desire for financial counsel of any kind.

Member Federal Deposit Insurance Corporation

Guaranty Bank & Trust Company

Grape Market

Beginning About September 1st

There Will Be a Market For Your

Scuppernong Grapes

There will be a buyer located near you. Watch future issues of this paper for a list of buyers.

We buy for the largest users of grapes in the country.

Lindsley Ice Co.

WILLIAMSTON, N. C.

PHONE 99

Where Do You Live? In Landlord's House OR In Your Own Home?

In this day of home financing through the Building and Loan, it is so easy to live in your own home instead of someone else's house. Rent receipts merely show money going out with no return — when rightfully these funds should be coming back to you in a home.

Now Is Time to Build

Or at least, think about building. Why not come in and buy a few shares and join the ten million thrifty citizens who have saved their money the Building and Loan way and come to enjoy a well-earned independence?

If you are interested in owning your own home, or desire to lay away a small amount of money each month through a systematic and safe method. Building and Loan invites your confidence.

Come in at any time and let us explain the many advantages which are yours through our financial methods.

OUR 44th SERIES

Will Open

Saturday, Sept. 2nd

Martin County Building and Loan Association



Made in 4 grades—16%—20%—24%—33%



Whether you have one cow or many, it pays to feed one of the four grades of Tuxedo Dairy. Each of the four contains in proper balance the numerous ingredients any cow must have for best milk yield. They are different in protein content. Come in tomorrow and let us discuss which is best for your particular needs.

W. H. Basnight & Co., Inc.

Wholesale Dealers Only

Ahoskie, N. C.



SO REFRESHING ... EVERYWHERE YOU GO

Where you go, thirst goes. That's why you see the familiar red cooler for Coca-Cola everywhere... to bring you the refreshment of ice-cold Coca-Cola when you want it most. Enjoy one now.

COCA-COLA BOTTLING CO. GREENVILLE, N. C.

Delicious and Refreshing