

Stop Gullies And Grow Trees

Thousands of acres of land in North Carolina are growing gullies which should be growing trees, reports R. W. Graeber, in charge of Extension forestry at State College.

Because of steep slopes, poor soil, and other adverse conditions, much of this land can best be used for growing trees. Many farmers in the State have demonstrated conclusively that erosion may be controlled, gullies stopped, and the land put into production on small areas by using materials found on the average farm—plus trees.

Simple methods for the control of gully erosion on small drainage areas, from one to ten acres, are described in Extension Circular No. 255 published by State College. A free copy of this publication may be obtained by writing the Agricultural Editor, State College, Raleigh.

In planning to stop the gullies and plant the trees, Graeber suggests that the grower first consult his county agent. Gullies draining more than ten acres require planning by an experienced agricultural engineer.

The control measures described in the circular provide only temporary control, because final control must in all cases be accomplished by vegetation.

Young trees, usually pine or black locust, planted after the erosion control measures have been taken, will become established and provide protection from further erosion.

Home-Made Lime Spreader Built

A home-made lime spreader has been designed by the Agricultural Engineering Department at State College which utilizes materials which can be found in almost any junk yard, reports David S. Weaver, head of the department.

It consists of a hopper with a rotating plate directly under openings in the bottom of the hopper. The rotating plate is driven through the gearing, which is found in the rear axle of a discarded automobile. Old tires, too worn for any use on a car or truck, may be used in the machine.

The spreader, which costs on the average, about half the price of a commercial spreader may be used for

handling lime and certain fertilizer materials in fertilizing pastures, meadow strips, and in distributing lime for a wide variety of crops.

Growers wishing to build a home-made spreader should write the Agricultural Engineering Department, State College, Raleigh, for a free copy of Plan No. 254.

T. B. Slade of Hamilton in Martin County has been using one of these spreaders in fertilizing his tespedeza acreage and is pleased with it. Assistant County Agent L. L. McLendon and H. F. McKnight of the Soil Conservation Service assisted Slade in making the spreader and the necessary parts were obtained from a local junk dealer.

Horse And Mule Clinics Planned

Fifty-nine counties in North Carolina are planning to hold horse and mule clinics this winter to condition work stock for essential work on the farm under war-time conditions, reports L. I. Case, Extension animal Husbandman at State College.

"It's good horse sense to treat horses and mules for worms and bots and

have the necessary dental work done", says Case. "If you have noticed any loss of weight, unthriftiness or digestive trouble in your work stock lately, don't delay having them treated. These troubles are no doubt caused by internal parasites which so often cause serious damage to both horses and colts", he added.

Case points out that it costs more to feed a wormy animal and that the wormy animal will do much less work than one free of such parasites and in good health.

He urges that neighboring farmers cooperate in bringing their work stock to the clinic because the greater the number of animals treated the less will be the cost per head. He suggests that the animals not be given any feed for at least 12 to 18 hours before treatments are given.

Growers should watch for local announcements as to when and where the clinics are to be held.

Methodist Notes

At the eleven o'clock service Sunday morning the Sacrament of the Lord's supper will be administered. We will also speak on the subject, "The Babe of Bethlehem". We should all make this Christmas occasion worthwhile for our souls.

At the 7:30 o'clock service we will speak on the subject of "Our Inventory". Come and worship with us. W. L. Maness, Pastor.

Citrus

The peel of oranges, lemons and other citrus fruits contain about 3 times as much vitamin C as the pulp and the juice. Add gratings of the peel to sauces, spreads and desserts.

Poultry

Poultrymen are caught between an ever increasing price for mixed feed and fixed ceilings on poultry products, points out Prof. Roy S. Dearstyne of State College.

Potash

Farmers will get about one-fifth more potash this season than before the but slightly less than last year. War conditions require efficient use of all potash materials, say State College agronomists.

Snap Beans

It is estimated that about 8 per cent more snap beans will be processed this year than last. Harvesting continued into November in many Northern states and beans are now being canned in Florida.



TIMES HAVE CHANGED, but Christmas remains unchanged—the year's outstanding holiday in the timeless cycle of love and good fellowship. In the same old familiar way it gives us pleasure to wish for you in this season of 1943 the most in Christmas cheer and enjoyment.

Mr. and Mrs. Alexander Collis of The

ELK RESTAURANT



Holiday Greetings

AND she brought forth her first-born son and wrapped him in swaddling clothes and laid him in a manger: because there was no room for them at the inn.

Luke 2:7

WE WISH YOU A HAPPY CHRISTMAS

McDONALD'S ESSO STATION



Holiday Cheer

It's about time for us to wake up and thank our many friends and customers for their valued patronage during 1943. We cannot tell you how much we appreciate your kindness. May your Christmas be very, very happy.

ISRAEL MANN



Christmas 1943 SEASON'S CHEER

THE STAGE COACH has given place to the streamliner. The electric light has snuffed out the soft-beamed candle. Tinkling sleigh bells are drowned in the roar of motor horns. But who will say that Christmas has lost its charm? With Christmas at hand we renew our pledge of devotion to ideals of honest dealing, and express our appreciation of your friendship for us during 1943.

"HEAP ON MORE WOOD, THE WIND IS CHILL; BUT LET IT WHISTLE AS IT WILL, WE'LL KEEP OUR MERRY CHRISTMAS STILL!"



UPCHURCH MILLING AND STORAGE CO.

"You mean I don't need any coupons for electricity?"



THAT'S RIGHT, Mrs. Higgins.

No points, no coupons—no rationing of electricity.

Not that it's any less important than food, or fuel, or shoes. In fact, electric power has rightly been called the *life-blood of war production*.

But our government *does* ask all of us to use electricity *wisely*. Even though there's no shortage

in sight, the making of electricity requires manpower, fuel, transportation and critical materials—things on which *war has first call* today.

So, be as careful with electricity as you are with your coupons. Use all you need—but *need* all you use.

* How "Report to the Nation," outstanding news program of the week, every Tuesday evening, 9:30, E.W.T., Columbia Broadcasting System.

Carolina POWER & LIGHT Company