

Better Knowledge Of Soil Results In Larger Yields

Farmers Now Using State Soil-Testing Laboratory To Advantage

Raleigh.—Farmers are now using the State Soil-Testing Laboratory as never before. Referring to the fact that North Carolina tobacco growers have within the past ten years produced 36 per cent more leaf on 20 per cent less acreage, Dr. J. Fielding Reed, who is in charge of the soil-testing program for the State Department of Agriculture declared that "much of the credit for the great increase in yields in all crops grown in this area must be attributed to the fact that farmers are daily becoming more familiar with the wide diversity of soils of North Carolina."

Farmers who till their soil "blindly" without knowing anything of its chemical content frequently waste labor and money and fail to pull from their lands the full profits which lie within them, believes Dr. Reed. Dr. Reed pointed to a recent statement by Commissioner of Agriculture W. Keer Scott to the effect that "economy of production occurs when there is an increased crop on a decreased acreage" and said that "if the farmer is to increase his crop production in the face of high costs and labor shortages, he must concentrate his attention on the yield he is securing from each acre put into cultivation. Although thousands of farmers are taking advantage of our soil analysis service, there are many thousands more who fail to make the

TELL OF PARAMUSHIRI RAID



FIRST LIEUTENANTS Seymour Gansberg (left) of New York and Wm. F. Farnell of Oklahoma City, pictured in Seattle, Wash., tell of bombing Paramushiri, Jap base in the Kuriles. They were the first of these raiders to return to the U. S. Each also bombed Kiska more than 30 times before the Japs vanished. (International)

yields they should because they grow crops on soils where the soil reaction is not suited to the product," Dr. Reed said. The State Department of Agriculture laboratory is designed to give a full, accurate and prompt report on all soils tested by it. During the past three years the laboratory has been greatly improved and is now regarded as one of the most modern in the south.

The permanent staff of the laboratory is composed of the director, an assistant agronomist, two soil chemists, one laboratory aide and two secretaries. When the work becomes heavy—and the numerous Victory Gardeners are using it extensively for they believe in knowing their soils—additional help is employed. Dr. Reed explained recently that farmers are asking these questions: "What type of fertilizer should I use? What fields should I lime this year? How much lime should I apply?" The laboratory experts reply: "The alert farmer avoids guessing by permitting the soil itself to answer these queries."

The soil-testing specialists find that many growers are of the opinion that the sending of soil samples is too complicated for the average dirt farmer. "It is true that the soil should be properly sampled so that the analysis may be of the greatest value possible to the farmer," asserted Dr. Reed and he added: "This proper sampling procedure, however, is relatively simple, and instructions for taking the samples may be obtained from the county agent, any teacher of agriculture, the AA. Soil Conservation Office, or by writing directly to the State Department of Agriculture.

SMALL GRAINS

North Carolina growers will find that an increased acreage of small grains will help offset the existing feed shortages say Extension Service officials at State College.

Home and Club News

By Mrs. Mary F. Darden

Club Schedule

Monday—Scuppernon Club with Mrs. W. N. Stillman at 2:30.
Tuesday—Cherry Club with Mrs. Janie Davenport.
Wednesday—Office.
Thursday—Wenona.
Friday—Field work.
Saturday—Curb market at 8:15.

Another Chance to Help

National Victory Scrap Drive started October 1 continues to Nov 15th. What will you do this time? There is still some scrap iron and steel, tin cans, grease and fats to be given; won't you make a special effort this time to give every bit you have. It will help in such a big way. Can't every club member bring some kind of scrap, named above, to the October club meeting.

Poultry Report

Beech Grove—eggs \$16.20.
Cross Road—eggs \$29.11, chickens \$33.90.
Cool Spring—eggs \$129, chickens \$42.
Piney Grove—eggs \$185, chickens \$151.

Canning Report

The canning report for the year is not complete but figures thus far show what has been canned as follows: Cool Spring Club leads with 3294 quarts; Wenona Club is second

ALLIES ENTER AXIS-HELD EUROPE



VETERANS OF THE British Eighth Army have landed on the Italian mainland to start the fight to knock Italy out of the war. After crossing the Strait of Messina from Sicily, the Allied troops succeeded in establishing beachheads from Reggio Calabria to San Giovanni. (International)

with 2019½ quarts; Swain Club is third with 1818 quarts; Alba Club has canned 1652 quarts; Cherry Club 1284 quarts; Scuppernon club 1258 quarts; Cross Road Club 1258 quarts; Piney Grove Club 1125 quarts; Pleasant Grove club 1006 quarts; Beech Grove Club 999 quarts; Roper club 800½ quarts; Busy Bee Club 753 quarts; County Bridge Club 638 quarts; Creswell Club 628½ quarts; Hoke Club 421½ quarts; Chapel Hill 301 quarts. This report is not complete as

GARDENS

There will be a new Victory Gardens fertilizer next year, a 5-10-5 replacing the 3-8-7 used this year, reports Dr. E. R. Collins, in charge of Agronomy Extension at State College.

EGGS

The most practical method of increasing egg production per hen is through the use of superior cockerels, reports Dr. C. H. Bostian of the Agricultural Experiment Station at State College.

several of the clubs were not well attended at the last meeting and Hoke Club was not held. The correct report will appear later. Each canning leader is urged to get the report up to date and send it to the agent before October 15th.

Mobilization Drive in Home Demonstration Clubs

We wish to double the enrollment of Home Demonstration Club members in Washington County during the period of October 1-December 31. It is important that every farm family be reached by the Extension program. A special meeting in December will be held to honor all new members.

Club members this is a challenge to you. If your neighbor is not a member of a club bring them to your next meeting.

HEADACHE from Anxiety. CAPUDINE. After hours of anxiety, a headache is the last straw. But it quickly yields to Capudine, which also soothes nerves upset by the pain. Capudine is liquid. No waiting for it to dissolve before or after taking. So it's really quick. Use only as directed. 10c, 50c, 90c.

SPEED UP! your transactions WITH MORE EFFICIENT Rediform SALES BOOKS. Among the wide selection of styles and sizes of Rediform Sales books and other record books, there is the most efficient book for YOUR business. Large group runs give you low prices and our art service will add individuality and extra attractiveness to your forms. Investigate the PLUS VALUES of Rediform Books... TODAY. CALL US TODAY FOR FREE Demonstration. Roanoke Beacon.

THERE IS NO SHORTAGE OF ELECTRICITY... BUT UNCLE SAM ASKS EVERYBODY TO CONSERVE IT!

WAR PRODUCTION BOARD WASHINGTON, D. C. July 24, 1943. To Electric Utilities and Their Customers: The War Production Board has proclaimed that maximum war production requires the greatest possible conservation of manpower, transportation, fuel, equipment, and critical material such as copper, steel, tungsten and many others -- much greater than has been heretofore accomplished by the voluntary cooperation of all citizens of our country to effect savings on all home fronts by the Office of Defense Transportation, the Petroleum Administration for War, the Solid Fuel Administration for War, the Office of War Utilities, and other governmental agencies. These agencies have been developing the details of the conservation program.



HELP SAVE FUEL--- TRANSPORTATION MANPOWER--- AND CRITICAL MATERIALS. ALL THESE THINGS are used to make Electricity. Electricity itself cannot be stored. But any reduction you can safely make in the USE of it will reduce the amount of fuel burned to make electricity. That will mean fewer railroad cars to haul the fuel and fewer man-hours to handle it. More cars and more men will be available for America's war effort. You can save Electricity by: Curtained indoor and outdoor advertising lighting; Diminished use of promotional and display sign lighting; Reduced decorative and ornamental lighting; Shortened use of decorative flood lighting; Reduction in show window lighting; Less intense lighting of mar-quees; Minimum use of lighting for outdoor business establishments; Shorter use of non-essential interior and show case lighting; Moderation of air-conditioning; Reduction in non-essential use of lights and appliances; Careful use of lights and appliances to avoid any wasted use of electricity. There is no shortage of Electricity--- BUT each little bit that you save--- multiplied by thousands of other Americans--- will be an important contribution to the Government's Voluntary Conservation Program. The wise use of Electricity and other fuel-consuming services will save millions of tons of coal each year. Electricity IS a war material. Use it WISELY--- there is none to WASTE! VIRGINIA ELECTRIC AND POWER COMPANY

C and S Baking Company MAKERS OF Alphabet & Butterflake BREAD. This Bread heretofore has been enriched with Vitamins B-D-E and G--- and now we are glad to announce that we are cooperating with our government in their Enrichment Program effective October 1, 1943, by adding the following... THAIMIN (Vitamin B1), RIBOFLAVIN (Vitamin B2), NIACIN and IRON. One-half pound (about 8 slices) of this bread supplies you with at least the following amounts or percentages of your daily requirement for these essential food substances: thiamin (Vitamin B1) 55%; riboflavin (Vitamin B2) 17.5%; niacin (another "B" vitamin) 5 milligrams; iron 40%. WE INVITE YOU TO TRY... ALPHABET and BUTTERFLAKE BREAD With The Added Enrichment. Delivered Fresh Daily to Your Favorite Grover By C and S Baking Company. ODELL CALHOUN J. W. SWEARINGEN Operating Mrs. Morton's Bakery 1602 Dickinson Avenue Phone 2812 Greenville, N. C.