

Kudzu "Rescues" Farmers As Other Hay Crops Fail

Kudzu, a plant which was used principally as a porch vine until a few years ago, came to the rescue of farmers in some sections of the State this year when other hay crops were ruined by rain in July and August. "The 1942 season was not very favorable in some areas for most hay crops," reports E. H. Meacham, extension soil conservationist of N. C. State College. "Wet weather during the summer ruined many tons of hay before it could be properly cured. Such was not the case with kudzu."

Farmers began planting kudzu as a soil erosion-control crop a few years ago. Now the plant covers many hundreds of acres of land that formerly laid bare to the beat of the rain and the wind. Then the palatability of kudzu as a nutritious hay crop was learned.

"Kudzu is easy to feed and is well liked by livestock," reports the extension specialist. "It is one of the fastest-curing of all hay crops. It may be cut one day and put in the barn the next day. During its third year of growth after planting, from one to one and one-half tons of hay per acre may be cut at any time from July 1 to frost. The weather and the convenience of the farmer will determine the cutting time."

Meacham explained that kudzu rows are planted, usually during February and March. The rows are set out in beds, similar to watermelons and about the same distance apart. The crop grows comparatively well on poor soils, but responds readily to applications of fertilizer.

For the first two years after kudzu is planted, a row crop may be used with it if the slope and fertility of the soil permit. Most farms in the State have areas of from one to ten acres which are well adapted to kudzu, Meacham said.

New Device To Aid Plane Performance

The world's fastest data-gatherer is the new electronic device that writes out clinical reports on the performance of American airplanes at the rate of 144 readings—on temperature and pressure changes—every three to four minutes. A portable instrument developed by the Brown Instrument division of Minneapolis-Honeywell, it is known as a "flight recorder," and it obtains and records data on engine and plane performance, in flight, that were previously impossible to get by test engineers' hand-jotted notes and observations, even with three or more men concentrating on that job. Sample of the device's work, in connection with a flight of the B-19: "It automatically printed on paper, during the test flight, the temperatures of all 72 cylinders of the four motors, the changing temperatures of the

Aussies and Flag Taken From Retreating Japs



Members of the New Guinea scouts of the Australian Army proudly hold a Japanese flag that was left behind by the Nipponese in their rapid retreat after a clash with the scouts in Papua, New Guinea. These soldiers were members of the Allied army that drove the Japs away from Port Moresby and back over the Owen Stanley Mountains. (Central Press)

Native Hero in Solomons



Pictured is Sgt. Major Vootha, a member of the native police in the Solomon Islands, who was captured by the Japs and tortured with a bayonet when he refused to give information about American forces. Left for dead, he escaped and returned to a marine base with valuable information about his captors. This is an official U. S. Navy photo.

Plants Turnips As Project For School Lunch Room

The Rougemont 4-H club of Durham County has planted one-fourth acre of turnips as a community project for use in the school lunch room, says J. L. Huff, assistant farm agent.

Mr. P. V. Jones, of Elizabeth City, visited his wife here a few days last week.

carburetor, exhaust and of the oil in the fuel lines, and the pressures on wing struts, bulkheads and tail surfaces."

71, On War Job



Seventy-one-year-old F. E. Lickey was 33 years old when the Wright brothers made their first successful flight, but he still isn't too old to be working on planes today. An expert woodworker, he's shown fixing a tail section of a cargo glider at the Boeing plant in Wichita, Kan. Five other members of his family also work at the same plant. (Central Press)

Poultry Equipment Bulletin Published

One of the chief factors in a successful poultry enterprise is good equipment, says Clifton F. Parrish, head of the poultry Extension staff at N. C. State College. Such equipment will help increase egg production and a large part of it can be made on the home farm.

To help farm people meet their poultry production goals in the Food-for-Freedom program, Parrish has cooperated with Prof. R. S. Dearstyne, head of the State College Poultry Department, and other members of the extension staff, to prepare a new farm bulletin titled: "Equipment for Poultry."

The publication is War Series Extension Bulletin No. 5, and is available free to citizens of North Carolina upon request, by name and number, to the Agricultural Editor, N. C. State College, Raleigh.

Among the pieces of poultry equipment described in detail in the bulletin are brooders, feed hoppers, waterers, range shelters, nests, roosting racks, catching hooks, nets, screens, and incinerators with which to dispose of dead birds. Photographs and drawings to illustrate the desirable types of equipment, and plans for building most of the equipment on the farm, are contained in the publication.

"Good equipment makes for better health and higher production of the farm flock," said Parrish. "Regardless of the importance of good equipment and its relation to profit, it is relatively easy to find a flock owner following a good feeding program, with good birds and houses, yet using poor equipment."

"There is no real reason for this condition," Parrish asserted, "since most of the equipment needed on a poultry farm can be made at home."



DESIRABLE SHADE TREES INCLUDE OAKS, MAPLES

Johh H. Harris, extension landscape specialist of N. C. State College reports that he is constantly asked the question: "What are the most desirable shade trees?" He also is frequently requested to name the undesirable types of trees for shade purposes.

To meet these requests, Harris has compiled a list of the most desirable shade trees, and another list of trees to be avoided in planting for shade. "The trees mentioned are those most commonly found," says Harris, "and is not intended as a complete list."

Heading the group of desirable shade trees are the oaks of the following varieties: white, scarlet, red, water, willow, pin, post and live oaks. Also on the desirable list are these varieties of maples: Norway, sugar, black and red.

Other good shade trees include Beech, White Ash, Mountain Ash, Dogwood, Birch, Tuliptree, Cucumber-tree, Planetree (Sycamore), American and Gray Lindens, Hackberry, Kinkgo, Horsechestnut, Tupelo (Blackgum), Red Bud, Ailanthus (also called "Tree of Heaven"), Pecan, Winged Elm, American Elm, Sweetgum, Hawthorn and Crabapple.

Trees on the "undesirable shade list" include: Silver Maple, Boxelder, Silktree (Mimosas), Texas Umbrellatree, Chinaberry, Lombardy Poplar, White Poplar, Carolina Poplar, Chinese Elm and American Chestnut.

The extension specialist offered to supply additional information upon request to him at State College Station, Raleigh. He has prepared suggestions on transplanting, fertilizing, and pruning of shade trees.

County farm and home agents of the extension service also have bulletins and others informational material on landscaping problems.

State College Hints For Farm Homes

By RUTH CURRENT Here are four first aid rules for saving vitamins in food: (1) Don't crush or bruise; (2) don't soak; (3) keep cold until ready to cook or eat; and (4) use quickly when prepared.

Vitamin C gets away faster from foods peeled or cut, so make raw salad or slaw as a last-minute job. Cook quickly whenever you can. Put vegetables into boiling water, and bring the water back to boiling point fast. Cook vegetables until just tender—but no longer. Stir vegetables only when you must. If you stir you mix air into the food and that destroys some of the vitamins. Do not add soda when you cook green vegetables. The soda destroys thiamine and vitamin C.

We must prevent farm fires and here's how to check your hazards. Let every member of the family help make an inspection and answer these questions: Can chimneys be examined from the attic? Are chimneys free from cracks and loose bricks? Are birds nests or leaves removed from roofs and around eaves regularly?

Do all wood and coal stoves stand on a metal floor-covering extending at least 18 inches in front of the stove door? When stovepipes rust out, are they replaced with safe pipes? Is the oil stove kept clean and properly adjusted? Do you use a metal container for taking out hot ashes?

Do you keep closets, attics, and storerooms clean and free from rubbish and papers which would feed a fire? Are oily mops, dust and polish rags kept in metal containers to prevent spontaneous fires?

Giving Special Care This Year To Grading of Farm Products

Avery County farmers are giving special care this year to the grading and packaging of their farm products, says C. B. Baird, farm agent of the N. C. State College Extension Service.

Small Dairymen Have Hard Time Securing Help

Where there is no family labor, small dairymen of Forsyth County are practically helpless in securing help to keep their dairies going, reports Farm Agent R. W. Poul.

Farmers Urged To Save Lespedeza Seed

Lespedeza is the favorite soil-building crop, and one of the principal grazing and hay crops, of Tar Heel farmers. Enos C. Blair, extension agronomist of N. C. State College, reminds North Carolina farmers that the season for saving lespedeza seed is at hand.

"During the war, when nitrogen fertilizers are extremely scarce and likely to become even harder to obtain, it is the patriotic duty of every farmer to grow legumes," said the Extension service specialist. "We also need more feed and pasture to meet our livestock production goals in the Food-for-Freedom program."

The Common, Tennessee 76 and Kobe varieties of lespedeza ripen seed about November 1st in the Coastal Plain, and a little earlier in the upper Piedmont and Mountains. The time depends on the first killing frost. The seed should be harvested as soon as possible after maturity to prevent losses from shattering, Blair advised. This is especially true of Common and Tennessee 76.

Seed of the Korean variety of lespedeza will remain on the stalk until five or six weeks after they mature. In fact, they do not loosen enough to permit the use of a seed pan in harvesting until three or four weeks after ripening.

Combines are rapidly displacing other methods of harvesting lespedeza seed, the extension worker said. The seed pan, long the principal means of harvest, is a metal pan attached to the cutter bar of a mower. A number of different lespedeza harvesters are manufactured or distributed in North Carolina. Most of them are essentially seed pans with some kind of attachment to rake the stalks over the pan and beat out the seed.

Korean and Kobe lespedeza are sometimes mown, stacked and later threshed, but this has the serious fault of removing all roughage from the land.

Shoes Analysis of available facts indicate that supplies of leather are sufficient to fill all needs through 1943, so civilians should fear no shoe shortage in the near future.

Beat 40 Nazi Planes



Lieut. Stanley A. Komarek, 27, was bombardier of the Flying Fortress "Phyllis," which fought off forty Nazi Focke-Wulf fighters over France and returned safely to its base somewhere in Britain. Komarek was a University of Michigan law student before joining the Army Air Forces. (Central Press)

Uncle Sam's Boys Traveling In Style

Uncle Sam's soldiers not only are the best equipped in the world, but they travel in a style to which fighters of other nations have never had a chance to become accustomed. The thing that makes this possible is the existence of a little-publicized peacetime industry—the operation of the Pullman Company's "pool" of sleeping cars—and its rapid conversion to war duty, which has been accomplished with a minimum of inconvenience to civilian passengers. In the first eight months after Pearl Harbor approximately 4,400,000 soldiers, sailors and marines were transported to destinations in sleepers. Nowadays 66 per cent of all troops moved by train go in these cars, compared to 25 per cent in World War I. The pool idea, conceived by the late George M. Pullman, makes it simpler to meet unusual seasonal or regional demands of different roads, by shifting cars from regions where a surplus exists. Railroad men say they can provide better sleeping and parlor-car service at less expense by using the pool plan than by having to maintain their own cars.

Forest Fire Patrol Being Organized In Greene

A 4-H forest fire patrol is being organized in Greene County to report fires and assist in controlling blazes, says J. W. Grant, assistant farm agent.

Beware Coughs from common colds That Hang On

Creomulsion relieves promptly because it goes right to the seat of the trouble to help loosen and expel germ laden phlegm, and aid nature to soothe and heal raw, tender, inflamed bronchial mucous membranes. Tell your druggist to sell you a bottle of Creomulsion with the understanding you must like the way it quickly allays the cough or you are to have your money back.

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