

Agriculturally Speaking

Large Roosts Of Birds Pests Sought In Hunt

By L. B. HARDAGE
Each year blackbirds and starlings are pests on some farms in the county. Mr. Don Harko of the Fish and Wildlife Service is conducting an intensive survey of the birds on North Carolina from January 3 to February 15, 1977. He is only interested in knowing the exact location of large roosts or any roost with large numbers of birds present — where birds actually spend the night.

If you know of such a roost in Warren County, please contact my office — phone 257-3640 and give location of the roost, and in turn we will inform Mr. Harko. He then would visit the exact location of the roost. The purpose is to get some idea as to the number of these birds wintering in North Carolina. Hopefully, they are trying to find some way to control these birds.

Liming-Tobacco Soils
In the past there has been very little emphasis placed on liming tobacco soils. Tobacco can tolerate relatively low pH and there is a possibility of increasing certain disease problems and causing an imbalance of certain micro-nutrients if tobacco soils are overlimed. However soil analysis conducted by the N. C. Department of Agriculture, Agronomy Division in 1975-76, show that over 56% of the Piedmont and 41% of the Coastal Plains tobacco fields needed lime.

Keeping the pH within the desirable range of 5.6 to 6.0 by using dolomitic lime will reduce the risk of aluminum toxicity, increase the absorption of certain nutrients, increase the general fertility of the soil and increase the available calcium and magnesium.

Tobacco may not show as quick a response to lime as

crops such as corn, soybeans or forages; however, a good liming program will improve the alternate crops being grown in rotation with tobacco and will improve the general fertility and productivity of the soil. This in turn will provide better conditions for tobacco production.

Traditionally, tobacco fertilizers have contained relatively large quantities of calcium from certain phosphorus sources and lime fillers. With an increased use of phosphorus sources containing little or no calcium and higher analysis fertilizer grades containing less lime filler, there is a greater need for supplying calcium through a liming program. Also, if the pH is kept within the desirable range by using dolomitic lime, additional magnesium can usually be supplied at a lower cost by a liming program than through fertilizers.

Liming tobacco soils should be done only on the basis of a soil test. The soil should be analyzed every two to four years and lime at the suggested rate, when the results show it is needed.

Homemakers May Sharpen Skills

By MISS EMILY BALLINGER
Home Economics Agent
Are you interested in learning to sew or in improving your sewing skills? If so, now is the time to enroll in a clothing construction class to be taught by Miss Emily Ballinger, Home Economics Extension Agent. The classes will be taught in the Warren County Agriculture Building, Warranton. You may have the opportunity to enroll in a morning, afternoon, or evening class. For those preferring a morning class, the first one will be held January 25 at 10:00 a. m. Those wishing to attend an afternoon class, the first one will be January 25 at 2:00 p. m. The first evening class will be at 7:00 p. m. on January 25.

Please contact the Extension Agents Office prior to January 25 if you are interested in enrolling in this series of classes. Telephone 257-3997. Because of space the size of the classes must be limited so you will want to register right away for the classes. The sewing skills of those registering for the classes will determine whether they will be beginners or advanced sewing classes.



The first motion picture copyrighted in the U.S. was a man sneezing. The year was 1894.



GNARLED tree stands sentinel on Grand Canyon's south rim. One of the world's natural wonders, the canyon still awes visitors, although crowds often strain facilities. Shuttle bus alleviates traffic problems in peak travel seasons.

Grand Canyon Is Suffering With Sharp Growing Pains

The Grand Canyon has been called "the world's most wonderful spectacle, ever-changing, alive with a million moods."

In some quarters the mood seems a bit subdued these days. A record number of visitors—2,854,000—strained the Grand Canyon's facilities last year.

At peak periods it was standing room only on the shuttle buses designed to break the traffic jams that plague the park in spring and summer, the National Geographic Society reports. Officials fear a similar crush this year.

Compete for Space
"If the travel trend continues, someday we'll have to limit day as well as overnight use of the park," said one official gloomily. As in many other parks, campers must vie for a limited number of permits to spend the night at Grand Canyon.

Travel also has been restricted on the surging Colorado River far below the Canyon's rims. The Park Service has limited the number of people taking raft trips on the river.

"The results of several studies now under way will enable us to develop a comprehensive river management plan, explains Park Superintendent Merle E. Stitt. "It will be welcome," says a veteran Arizona white water buff. "The thrill of challenging the Colorado begins to pale when you see another boat passing by every hour or so."

The 1,450-mile-long Colorado, with its hundreds of dangerous rapids, once posed a serious threat to even the best of boatmen. But now Glenn Canyon Dam northeast of the park regulates the river's once violent caprices and guided parties navigate it in relative safety.

Another study directed by the Bureau of Indian Affairs

will deal with the Havasupai Indians who recently received thousands of acres above and below the Canyon rims. Guidelines will be established to determine just what use the Indians can make of the land.

Retains Its Grandeur
Despite all the problems facing the park, it still remains one of the nation's great wonders. Averaging nine miles in width throughout its 217-mile length, the mile-deep chasm staggers the senses.

The Canyon's constantly changing array of colors awes viewers. Dawn girds its sculptured pinnacles, but leaves the depths in blue shadow. Noon exposes a pitiless dry, desert-like quality. Evening sets rock spires afire with alpenglow. Moonlight tints the gorge with

mystery, and morning's fog fills it with a river of cotton.

Many feel the best way to experience the Canyon is astride a mule. Regular mule tours take visitors to the floor of the canyon on overnight excursions. Rangers use the animals to carry supplies to remote stations.

In more than 60 years, many Grand Canyon mules have been deserted by fearful customers, but rarely have the sure-footed animals lost any riders by accident.

A muleskinner's advice to a greenhorn is simple and reassuring: "Keep the reins in your hand at all times. Keep your feet in the stirrups and your mind in the middle and your mule will take care of you."

Injuries Occurring With Alarming Frequency

CHICAGO—Don't let your pet become an accident statistic!

Broken bones, puncture wounds and accidental poisonings occur with alarming frequency among household pets and farm animals. It's up to you, the owner, to guard against these accidents and injuries.

Here's an animal safety checklist prepared by young people in the national 4-H veterinary science program:

*Be certain pastures and yards are free of baling wire, nails and poisonous plants. Get rid of toxic houseplants.

*Store pesticides, cleaning compounds, sewing pins and knives where animals can't get to them.

*Check backyard and pasture fences for protruding nails, sharp edges and splinters. Are there concrete abutments that could cause stumbling or physical injury?

*Keep animal living quarters and bedding free of sharp edges, nails and wires. Young animal lovers 9-19 learn to understand and appreciate all facets of veterinary science in 4-H projects and activities supervised by the Cooperative Extension Service.

Using manuals and color-slide sets produced with the assistance of The Upjohn Company, 4-H members study characteristics of the normal animal, symptoms and causes of animal disease, and the

relationship between animal and human health.

4-H'ers develop practical skills by caring for their own animals, working in community clinics, even assisting the local veterinarian—who often serves as their 4-H project leader. And they investigate career opportunities in such areas as veterinary medicine, farm management and public health.

The 4-H veterinary science program has wide appeal to youngsters no matter where they live—on farms, in suburbs or cities. In the last five years, program enrollment has jumped 35 percent.

Upjohn recognizes outstanding accomplishment in the program with a full schedule of awards to 4-H members. Up to four young people per county are eligible for medals of honor, and one 4-H'er in each state receives a \$50 U. S. Savings Bond.

Twenty-four sectional winners earn expense-paid trips to the 55th National 4-H Congress, Nov. 28-Dec. 2 in Chicago. And six 4-H'ers are named national winners of \$800 scholarships.

Winners are selected by the Extension Service. Awards are arranged and announced by the National 4-H Service Committee.

County extension Agents can provide more information on the 4-H veterinary science program.

Mayflower Extension Homemakers Gather

The Mayflower Extension Homemakers Club held its monthly meeting in the Community Club house with the president, Mrs. Julia Alston, presiding. The meeting was opened with the singing of "America," followed by prayer. Minutes and roll call were by Mrs. Roger Alston. The business session included a discussion of plans for the project and program for the year. The project selected by the club is the improvement of the Community Club house.

The educational program, "Storage — Closet Accessories," was given by Mrs. Bertha B. Forte, Home Economics Extension Agent. She stressed the need for adequate storage with emphasis on clothing storage. Several storage accessories were used to show how storage could be improved and also made flexible.

During the social hour, refreshments were served by the hostess, Mrs. Simuel Perry. —Mrs. Roger Alston, Reporter.

Apple Is Still Apple Of Any Good Cook's Eye

By EMILY BALLINGER
Home Economics Agent
The nation's favorite fruit, the apple, is the apple of any good cook's eye. This cheery, juicy, versatile fruit which we find on the market the year round readily combines its lively looks and zesty flavor for main course dishes, salads, breads, or desserts.

An apple, eaten raw, makes a pleasant low calorie snack or dessert. A medium size apple contains only 80 calories and like other fruits, apples contain some vitamins and minerals.

You may like to prepare one of the following apple dishes to add a different fruit dessert to your winter meals.

Apple Impromptu
(A crispy cake-like topping baked on a layer of apples, has the wonderful flavor of apple pie, but so easy and quick to make.)

Makes 6 to 8 servings.
4 cups apples, pared, cored, and sliced

1/4 cup sugar
1/4 teaspoon cinnamon
1 tablespoon butter
1/2 cup sugar
1 teaspoon vanilla
1 egg, slightly beaten
1/2 cup sifted enriched flour
1/2 teaspoon double acting baking powder

Place apples in well-greased 8- or 9-inch piepan. Combine sugar and cinnamon; sprinkle over apples. Cover tightly with aluminum foil. Bake in moderately hot oven (400 degrees F.) 20 minutes.

Apple Crumb Coffeecake
Makes 1 9-inch cake
1 1/4 to 2 1/4 cups unsifted flour
1/2 cup sugar
1/2 teaspoon salt
1 package dry yeast
1/4 cup milk
1/4 cup water
1/4 cup margarine
2 eggs (at room temperature)
2 large apples, pared, cored, and sliced
1/2 cup sugar
1/2 cup unsifted flour
2 teaspoons ground cinnamon
6 tablespoons margarine

In a small bowl thoroughly mix 1 cup flour, 1/2 cup sugar, salt and undissolved dry yeast. Combine milk, water and 1/2 cup margarine in saucepan. Heat over low heat until liquids are very warm (120 degrees F., 130 degrees F.) Margarine does not need to melt. Gradually add to dry ingredients and beat 2 minutes at medium speed of electric mixer, scraping bowl, occasionally. Add eggs and 1/2 cup flour, or enough flour to make a thick batter. Beat at high speed 2 minutes, scraping bowl occasionally. Stir in enough additional flour to make a stiff batter. Spread evenly in well greased 9-inch square pan. Arrange apple slices evenly over batter. Combine 1/2 cup sugar, 1/2 cup flour, cinnamon and 6 tablespoons margarine; mix until crumbly. Sprinkle over apples. Cover; let rise in warm place, free from draft, until doubled in bulk, about 1 hour.

Bake at 375 degrees F. 35 to 40 minutes, or until done. Cool in pan 10 minutes. Remove from pan and cool on wire rack. You may get additional apple recipes from the new Extension Publication, "The Apple Story." These folders are available from the Home Economics Extension Agent's Office in the Warren County Agriculture Building. Telephone 257-3997.

Cold Snap Leads To Frozen Food

By MISS EMILY BALLINGER
Home Extension Agent
The recent extremely cold weather has caused several questions concerning use of canned foods that have frozen. One general recommendation is to: try to provide storage that will prevent the canned food from freezing. If the food is frozen, check to see if the jar is broken. If so discard at once. If the jar is not broken, the seal may be. Let the jar of food thaw. If the seal is broken, obvious spoilage will result. Discard food.

If spoilage is not obvious, the food (if all right before) will still be safe to use. The texture may not be as good, but just freezing will not render the food unsafe to use.

Vets To Receive Higher Dividends

Veterans living in North Carolina who are insured under government life insurance policies issued during World Wars I and II and the Korean Conflict will receive more than \$6.8 million in dividends during 1977, VA Regional Director H. W. Johnson announced this week.

The dividends are being paid to holders of World War I U. S. Government Life Insurance (USGLI), World War II National Service Life Insurance (NSLI) policies and Veterans Special Life Insurance (VSLI) policies.

DIAL 257-3341 FOR A WARREN RECORD WANT AD

"What did I say wrong?"
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