

Around Chowan Farms

By R. M. THOMPSON
County Extension Chairman

There has been quite a bit of discussion about seed corn situation for 1971. Many farmers have asked questions as to their own personal problems relating to seed corn prices and availability. Following are some suggestions and comments from extension agronomy specialists at N. C. State University.

Order seed early to be sure of getting detasseled seed of normal cytoplasm which has shown tolerance to Southern corn blight.

It is hoped that the seed industry will have sufficient seed for the 1971 corn crop tolerant to Southern corn blight. They are making every effort to produce ample seed.

Remember that the suggestion of saving corn seed from your own field as second generation seed for planting is insurance only. Try to secure seed from your usual source if possible, making sure the seed are produced by hand detasseling of a

blight tolerant variety.

Farmers can save enough seed of fields that showed tolerance against the Southern corn blight during 1970 for their own crop. (F2 seed cannot be sold as a hybrid in North Carolina according to the North Carolina seed law).

A. Farmers may find three conditions existing in their fields: Some hybrids were produced from all detasseled seed and are tolerant to Southern corn blight. Select ears in these fields from sound stalks.

B. Other hybrids were produced from blended seed (a percentage of the seed were from normal detasseled seed blended together in a ratio such as 75-25 or 50-50, etc.). Plants in these fields from male sterile plants are dead and diseased. The other from normal detasseled seed are not diseased and if brown this is normal maturity.

These normal plants can be recognized by a green strong stalk and bright tan leaves. Save seed only from the normal (tolerant) plants which

have green stalk and bright tan leaves or green leaves.

This means hand picking individual plants.

C. Still other hybrids are from 100 per cent male sterile and are therefore susceptible. Do not save seed from these fields.

This will only be necessary for your 1971 seed needs as by 1972 ample seed should be available from normal channels.

These may be stored in the ear in a dry bin over the winter and an insecticide should be applied to the corn as it is stored in the bin to prevent insect damage during the winter. Also the corn should not be stored more than four feet deep in the ear in order to allow plenty of aeration. If desirable to dry seed, then be sure that it is dried at an air temperature no higher than 100-110 deg. F, as a higher temperature will kill the germination of the seed.

Since these seed are what is known as second generation seed, you will lose approximately 15-30 per cent of the yield of the corn which you gain by using first generation hybrid seed. This is a fact that has been borne out many times by research work and known over the years by farmers trying plots on their own. Remember that using the second generation hybrid seed should be a last resort because of the loss in yield, 15-30 per cent, to be expected purely from the hybrid vigor standpoint, much less that which you may lose from insects and diseases.

Remember, if you have your own seed next spring, then these seed must be graded and treated for best results before planting.

Remember that the suggestion of saving your new second generation seed is a hedge only and you must act now to get the best from this effort. By all means use your preferred variety or varieties of first generation blight tolerant seed from your usual source, if available. Then feed or dispose of your F2 generation seed that you saved as a hedge and no longer need.

If you have other questions concerning this, please contact us at the county extension office.

Propaganda in a democracy is commendable except when it is dishonest and subversive.



TO KEEP AN EYE ON OCEAN FISHING

Patrol Boat Added To Tar Heel Fleet

The arm of state law that stretches out into the ocean got some muscle when patrol boat Raleigh Bay went to work September 9.

The new 61-footer will be used by the Division of Commercial and Sports Fisheries, Department of Conservation and Development, to enforce fisheries regulations in the ocean and Pamlico Sound. It will also be used to check Russian fishing boats, and fishing boats from other countries, that have been fishing within 12 miles of the North Carolina coast for the past couple of years. Boats from other states fish off-

shore North Carolina and violations sometimes occur.

Prior to launching of the \$70,000 Raleigh Bay, the state did not have a patrol boat large enough to safely patrol ocean waters during rough seas. The boat is large enough to be in the ocean whenever commercial boats can get out.

State jurisdiction of ocean waters ends three miles offshore; federal government has jurisdiction to 12 miles. The wood boat is named for the ocean area between Cape Lookout and Cape Hat-

teras. It is powered by two eight cylinder GM engines and can develop speeds to outrun any commercial fishing boat.

Mrs. Roy G. Sowers, Jr., wife of the director of the Department of Conservation and Development, christened the boat August 1.

Captain of the Raleigh Bay is William R. Willis of Atlantic.

The boat will work from its home dock in Morehead City.

Nat Smith and men at his Gloucester boatshop built the boat.

Jonh A. Holmes Highlights

Some interesting programs are anticipated for the Health Careers Club, according to Mrs. Kinion, sponsor. HCC promotes careers in health fields. Officers are Robert Worrell, president; Jewel Small, vice president; Hettie Wallace, secretary; Barbara White, treasurer, and Jimmy Cooper, historian. Plans are being made for the members to visit Norfolk General Hospital or Dix Hill.

In order to become a member of the Monogram Club, one must have played one-third of the quarters in a basketball season, be a scorekeeper for two years, be a varsity cheerleader for one year, or be a manager for one year. The 1970-71 officers of the Girl's Monogram Club are JoAnn Wheeler, president; Linda Harrell, secretary, and Jill White, treasurer. Coach Sandy Barnhill, sponsor, announced that blue blazers for the girls arrived last week.

Mrs. Harriet Small, Miss Vivian Armstrong and Freddie Powell accompanied Mrs. Mary Partin to a drama workshop at North Carolina State University last Friday to help enrich the language arts department.

Currently, a spring drama-

Hog Program Gets Big Boost

RALEIGH—The North Carolina hog cholera eradication program got a real boost last week with the announcement of an increase in the maximum federal indemnity from \$50 to \$100 per head for non-registered breeding stock.

The announcement was made by N. C. Agriculture Commissioner James A. Graham. He stated that the new limits will affect the federal payment and will be applied to hogs depopulated on or after Tuesday of last week.

"I am happy to be able to announce this action by the U. S. Department of Agriculture," Graham said, "it will go a long way toward a fair return for our producers whose herds are hit with hog cholera."

"The present limit of state indemnity of \$25 per head is too low also, in many cases, but any change in this will have to come from the Legislature."

"With this new strength in the hog cholera eradication battle, we can continue to move ahead of this disease instead of being constantly behind it," the Commissioner continued.

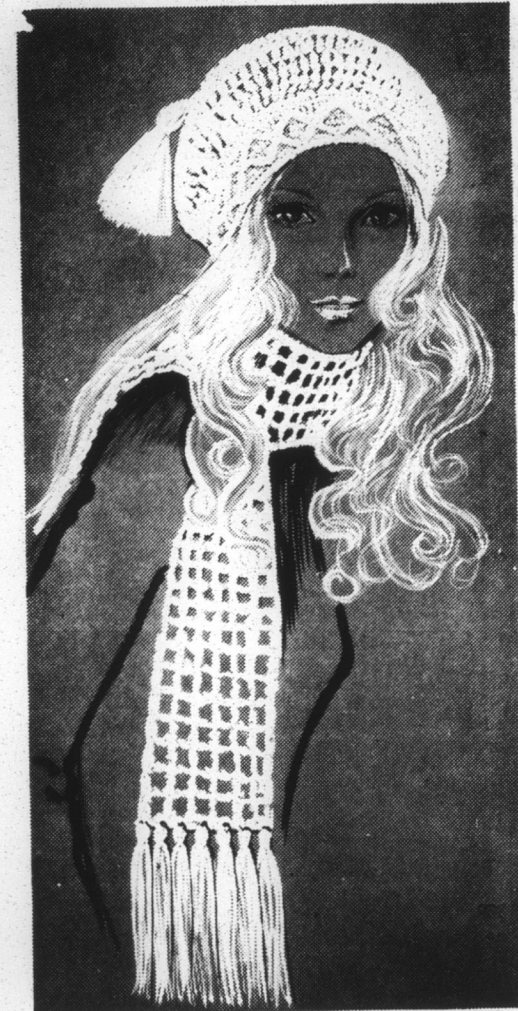
"I am pleased with the progress made since the all-out effort was launched in North-eastern North Carolina and Southeastern Virginia last month. With our continued effort in these areas we'll whip this thing in the near future," he concluded.

Tolerance is not a matter of conversation; it is the business of living.

Heating systems, like open fireplaces, are either too hot or too cold.

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Not The Only One

Fort Raleigh, site of the first English attempt to colonize the New World, has long overshadowed the fact that Roanoke Island has been the home of several other defensive installations during the course of its history.

During the Civil War, Forts Huger, Bartow and Blanchard were built to defend the island. Together, they mounted 25 guns. These units fell under Union control in an assault led by General Burnside on February 8, 1862.

The original earthworks can still be seen at the sites around the island.

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NOTICE! TO CHOWAN COUNTY TAXPAYERS

The Tax Books for the year 1970 are now in my hands for the collection of taxes. We urge you to pay your taxes now and avoid the penalty which will begin on February 1.

A penalty of 1% will be added on 1969 taxes not paid before February 1. Another 1% will be added March 1 and an additional 1/2 of 1% will be added for each additional month taxes are unpaid.

Any Taxpayer who cannot pay his or her taxes in one payment can make partial payments until paid. Your cooperation will be greatly appreciated.

Mrs. Elizabeth Goodwin
TAX COLLECTOR

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