

Woodlot Is Often The Most Mismanaged, Misused Resource Of Warren Farms

By T. C. THOMPSON
North Caro. Forest Ser.

A farmer has many resources on his farm. One of the most misused and ill-managed of these resources is his woodlot. When properly managed the farm woodlot can yield a good return on the money invested in it.

Products of the farm woodlot are many and varied, most yielding a dollar return to the landowner. Among these money making products of the woodlot are timber, pulpwood, fire wood, fence posts, pilings, pine straw, seed, Christmas trees, wildlife and recreation. Other benefits are soil and water control and improvement and aesthetic enhancement.

Most woodlots in Warren County are not used to their full potential. Many woodlots have been subject to repeated high grading, cutting the best trees and leaving the rest to grow as it may. The landowner who has allowed high grading is losing money, because his woodlot is not growing enough timber annually to pay the taxes on his woodlot. This situation is not difficult to solve. The landowner can make his woodlands into a productive woodlot and make a handsome return on his investment. Proper forest management does pay.

A Forester from the N. C. Forest Service, when accompanied by the landowner or his representative, will examine the owner's woodlots without charge. The Forester will give information and suggestions regarding the Forest Management practices which will provide the greatest benefit to the landowner. If the preliminary examination shows the landowner's woodlot is in need of some type of cutting, the Forester will assist the landowner in selecting, marking, and estimating the volume in the trees to be harvested in partial cuts. The cut may range from a light thinning for fire wood, fence posts, or pulpwood in young stands, through moderate to heavy cuts for poles, piling, sawtimber, or veneer in a more mature stand. There is a slight charge made for the N. C. Forest Service to mark your timber.

If the examination shows the woodlot is in need of a salvage cut and reforestation, the Forester will assist the landowner in laying off the area to be cut and getting a contractor to bring his crawler tractor in and disk or chop the land to prepare it for planting. A disk is much like a large, heavy farm disk and a chopper is like a large, heavy lawn roller, but with sharp blades on it to cut brush and small trees into short pieces and compact them. Chopping and disking is done to reduce hardwood competition. Sometimes when there is enough debris on the ground to carry a fire the area will also be burned to reduce hardwood competition even more. If hardwood competition is not reduced the planted seedlings will lose growth and may even die, due to lack of sunlight and soil nutrients and water being used up by the competition. Once the stand of trees is established, the N. C. Forest Service assumes the job of protecting it from insects, disease and fire.

Each summer Allen Norwood, the Warren County Ranger, requests an aerial survey of his county to detect areas affected by insects or disease. The aerial survey crew keeps an especially sharp eye peeled for the destructive Southern Pine Beetle.

The N. C. Forest Service maintains a variety of fire fighting equipment designed for use on woods fires. Protecting the woods from fire is one of the N. C. Forest Service's primary jobs.

The N. C. Forest Service has a Fire Prevention Program designed to reach the people and make them more aware of fire. We also have a statewide network of fire detection towers. Once a fire has been de-



The basic fire fighting tool . . . the pick-up pumper truck.



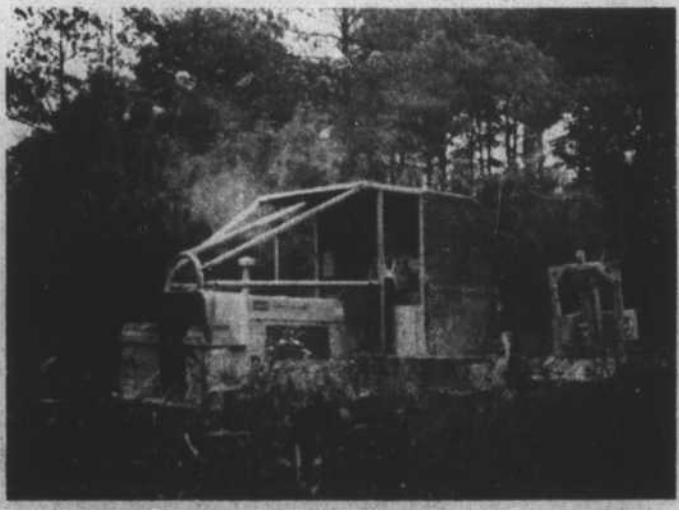
The tower operator sees a smoke and . . .



The ranger finds a safe control burn and checks the burning



The County Ranger and Assistant Ranger fighting a woods fire.



The tractor and fire plow constructing a firebreak.

ected or reported, a pickup truck with a pump and water tank is dispatched to the fire. If the fire turns out to be a control burn, the Ranger checks the burning permit. If the fire is indeed a woods fire, the Ranger starts suppression activities, calling for outside help when needed. If the fire is too big for pump-trucks and hand crews, the

Ranger will request the assistance of a N. C. Forest Service tractor and fire plow to construct a line around the fire.

The N. C. Forest Service is proud of its record and will continue to serve the people of North Carolina giving assistance and protection to the forest resources of North Carolina.

Capps
(Continued from page 1)
is treasurer and member of the board of Bethlehem Methodist Church. He is also vice president and director of Arcola Lumber Company, Inc., vice president and director of Norlina Supermarket; director of Citizens Bank of Warren; director of Franklin-Vance-Warren Opportunities, Inc., an OEO program; director of Hollister-Essex Development Corporation, a local development organization; and president of the three-mile, century-old Warrenton Railroad.

Fleming Believes In Proper Management
By L. B. HARDAGE
County Exten. Chairman

Mr. W. Maurice Fleming, a prominent farmer of the Manson and Dreyer community owns around 550 acres of land and has 270 acres of this in woodland.

Mr. Fleming believes in proper management of his pine trees and has practiced thinning of saw timber and pulpwood. Also, he has planted twenty acres of loblolly pines.

Mr. Fleming states that he

Gilmore Says Demands On Forest Is Growing

By JOEL HASWELL
In The Durham Herald

RALEIGH—Vot Gilmore of Southern Pines, president of the North Carolina Forestry Foundation, Friday said the rapidly expanding population and the rising demand for goods will drastically tax the productive capacity of forest resources.

Gilmore said because of the expected increase in demands a vigorous research program is needed. His remarks came during the dedication of the Biltmore Hall at North Carolina State University.

The forestry foundation official noted that the forests of the Southeast supports the region's largest industry.

"Over 60 per cent of the land in the Southeast is forested, yielding 38 per cent of the nation's lumber and 61 per cent of the pulpwood," Gilmore said.

"New wood-using industries are moving into the South on an unprecedented scale and existing industries employ more than 650,000 persons and have an annual output in excess of \$6 billion," he noted.

Gilmore added, "Outdoor recreation in the United States is a \$30 billion industry and is expanding at an explosive rate as a result of our growing population, affluence, mobility and leisure time."

The former mayor of Southern Pines and former U. S.

Travel Service head, pointed out that much of the 830 million acres of commercial forests originally found in the New World have been lost. Of the remaining forests, 10 per cent are in the East while two-thirds are in the West, he stated.

Gilmore said by the end of the century paper production is expected to triple, veneer production to double and lumber production to increase by 60 per cent.

"Because of relatively fast timber growth, and proximity to the great developing megalopolis in the Eastern Seaboard and the Midwest, North Carolina and other Southern states will be depended upon to produce a major portion of this increase," he said.

He also noted demand for water is expected to double during the same period and the role of forests in safeguarding the quality and quantity of fresh water is becoming increasingly critical since more than half of the nation's stream flow originates on forested watersheds.

"Forest recreation use is climbing fantastically and already providing considerable pressure in some parts of the state," Gilmore said. "By the year 2000, demands for forest recreation are expected to increase from six to 10 times."

He added that demands for hunting and fishing may triple during this period.

"The complex problems involved in producing, protecting and utilizing the forest resources cannot be solved except through expanded research," the official said.

Gilmore said more economic and effective means must be found to increase forest production; protect forests from fire, insects and disease; increase the quality and supply of water; provide more greater efficiency in processing; and discover new products and uses that will capitalize on the natural advantages of wood.

"Moreover, these benefits and products of forest lands must be derived from an area shrunken by the competing demands for land, by agriculture, industry, highways and urban and suburban expansion," he said.

"Biltmore Hall, including the new third floor and the Reuben B. Robertson Pulp and Paper Laboratory will provide the school with the modern facilities now so urgently needed to carry out its responsibilities in teaching, extension and research," Gilmore told the crowd of several hundred at the ceremonies.

"I am confident that from this fine structure will come scientists and new knowledge that will return to our state and region values many times greater than the \$1,705,000 appropriation of state and federal grants," he said.

School officials reported that \$1,225,000 of the costs of the building was provided by the 1965 General Assembly while \$300,000 was provided by the National Science Foundation and \$190,000 by the Department of Health, Education and Welfare.

The name of the building comes from Biltmore Forest School which was started by the late Dr. Carl Alwin Schenck in the Tar Heel mountains in 1898 as the first forestry school in the Americas.

The school was disbanded in 1913 but in accepting an

honorary degree from N. C. State in 1952, Dr. Schenck said he felt the university facilities are the successor to his pioneering school. Alumni of the Biltmore School have estab-

lished several scholarships at the school of forest resources. The N. C. State unit is the largest school of forest resources in the South, the officials said, and is one of the

top five in the nation. The school has an enrollment of 785 students and 114 members of the staff under the deanship of Dr. Richard J. Preston.

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