### Furest Products Laboratory Studies

A new system of grading bardrood legs, based on the amount of defect-free aurface area ind of on the knote and other infile defects, is being worked put by the U. S. Forest Products Laboratory, Madison, Wis., in orthat both buyer and seller Mga. Log grades are needed fully wuch as the well-known lum-Ber, cotton, tobacco, and meat grades of today.

The all-important point that metion with existing log gradesthat hardwood lumber is graded not on the basis of defective s but on the size and amount of defect-free areas. Eighty-five per cent of all hardwood lumber to final mor as parts of furniture, floormg, caskets, interior trim, and the like. Practically all such parts the air. are free from defects or at least free on one face. .

When the Laboratory work on log grades attention was sentered on the way hardwood himber was used and graded. proceeded to draft trial specifications for log grades in which the provisions with respect to defectfree areas formed the keystone. Mill tests with these specifica-Mons showed a consistency in quality stratification of logs that had been lacking with the appli- flame throwers. cantion of log grades of the defect tope. No obstacles have yet been escountered that seriously block she plan to formulate a set of grades that will be standard for species and all localities of growth.

#### **SOYBEANS**

Soybean production this year is simulicated to be 81,500,000 bushels, approximately 6:000.000 bushels below the 1939 production, astimates the U.S. sureau of Agricultural Economics.

ADMINISTRATOR'S NOTICE Having qualified as administra-tor of the estate of J. H. Estep, late of Wilkes county, N. C., this to notify all persons having claims against said estate to preant them to the undersigned Gireath, N. C., respectively, duly werified, on or before the 28th day of November, 1941, or this notice will be plead in bar of their right to recover. All persons indebted to said estate will please make im-

mediate settlement.
This 28th day of November, 1940. A. Revis and Freddie Marlow Administrators of the estate of I. H. Estep, dec'd.



condition. Endorsed by dreds of users—found C GUARANTEED BY T. E. CAIN At City Barber Shop North Wilkesboro, N. C.



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## Wood Important Questions Hardwood Grading In Modern Warfare its be sentrolled?

Wood is taking an important. place in plans for this country's defense program. While wood is not usually thought of as a war material, discoveries in new and wider uses of wood have gone so far that today no other material may get the most profit from the fulfills so many wartime requirements according to the Forest Products Laboratory, Madison, Wis., a research unit of the U.S. Forest Service.

With the calling of the Nahas been overlooked in the past tional Guard into camp and prepand in large part accountable for arations for inducting thousands the confusion and lack of satis- of young men into military training, lumber will be used to house these men. Wood is used in high explosives, dug-out shelters, "ersatz" rations, emergency materials for uniforms, and liquid fuel.

Taking its cue from hardword offset poisonous gases, and humber grading the Laboratory smokes are eliminated in the other product of the forest, rosin, is employed for filling the space between bullets in shrapnel; turpentine, a companion product in the production of rosin, is used in Recent development in the use

of wood, plywood, and conversion products are of particular importance in aircraft construction. Spruce is again in demand for wing ribs, and plywood. Here, the United States will profit from a cuts the time required from 2 years to 21 days—and gives a better product. In this country wo planes of compressed resinglued wood have been flying for more than a year. The material very thin layers of hardwood veneer bound together with the resin.

Research has recently produced a new plastic from wood that is as cheap as any on the market whose address is Pores Knob and This plastic, made from sawdust and other wood waste, can be molded into numerous articles required by the Army and Navy, Even parachutes, formerly made from Japanese silk, can now be made from wood fibers.

And, last but not least, one the most effective weapons of modern warfare, propaganda, is printed on paper made from wood.

#### Pine Fence Posts Last If Treated

Not every farm has on it black ocust, red cedar, bald cypress or he other durable woods desirble for fence posts. But R. W. tracher. Extension forester of N. State College, says there are

nost of these species have been or the plaintiff will apply to the xhausted on thousands of North court for the relief demanded in Carolina farms. However, even be least durable woods such as pine and gum can be made to fifteen warrs unward it. 12-5-4t(t) Clerk Superior Court ast from fifteen years upward if properly treated."

The Extension forester recom-The Extension forester recomnends creosote. First, he says, have the wood peeled clean and horoughly dry. Then place the posts on end in a boiler containing creosote oil and boil for two fours. Posts should be in the oil to a depth of six inches deeper han they will stand in the han they will stand in the ank of cold creosote oil and al-

an old inner tube about 26 inches long. One end of the post is elevated and a tube filled with needed are the preservative and tinc chloride is fitted over the higher end. In a short time the preservative will begin to flow into the sapwood of the post, forcing the natural sap out at the lower end. Generally, eight to twenty hours is required to treat the request of the holder of the salver of the holder of the salver of the holder o zinc chloride is fitted over the

State College Question. How can corn week

Answer: The first step, says . O. Rowell, Extension entomologist, is to thoroughly clean the storage bin or crib and treat the woodwork with any odorless, tasteless, water-white petroleum similar to that used in commercial fly sprays. Accumulations of old grain and floor aweepings from the previous crop should be removed and burned. However, if the sweepings are needed for feed, they may be saved with treatment by carbon disulphide. The sweepings should be placed in a tight bin or barrel and the chemical poured over them at the rate of three-fourths of a pint to barrel of sweepings.

SERVICE BY PUBLICATION NOTICE

In The Superior Court North Carolina, Wilkes County: Wilkes County vs. Artic Coffey. In The Superior Courty:

North Carolina, Wilkes County:

Wilkes County vs. Artie Coffey.

Wilkes County vs. Artie Coffey.

Wilkes County vs. Artie Coffey.

The defendant above named will take notice that an action entitled as above has been commenced in the Superior Court of Wilkes County, North Carolina, Wilkes County, North Carolina, Wilkes County.

Acetic acid from wood may be used in the production of certain toxic gases and smokes. Charcoal from wood can replace the cocoanut-shell and peach-pit charcoal formerly used in gas masks to offset poisonous gases, and smokes are eliminated in the superior Court of Wilkes County within 30 days from this said complaint as required to appear at the office of the Clerk to appear at the office of th smokes are eliminated in the date and answer or demur to the masks by means of a special filter paper made from woodpulp. Another product of the forest, rosin, court for the relief demanded in said complaint.

The the 12th day of Nov., 1940. C. C. HAYES, Clerk Superior Court 12-5-4t(t) SERVICE BY PUBLICATION

NOTICE In The Superior Court
North Carolina, Wilkes County:
Wilkes County vs. H. C. Jones.
The defendant above named

will take notice that an action entitled as above has been com-menced in the Superior Court of Wilkes County, North Carolina, process of kiln-drying spruce, de (for the purpose of foreclosing a veloped at the Laboratory, that tax certificate and sale of land), and the defendant will further take notice that he is required to appear at the office of the Clerk of the Superior Court of Wilkes County within 30 days from this date and answer or demur to the said complaint as required by law used in these planes consists of or the plaintiff will apply to the court for the relief demanded in said complaint.

The the 12th day of Nov., 1940. C. C. HAYES, Clerk Superior Court

ADMINISTRATRIX'S NOTICE Having qualified as Administra-trix of the estate of S. E. Whittington, late of Wilkes county, N. C., this is to notify all persons having claims against said estate to present them to the undersigned, whose address is Reddies River, N. C., duly verified, on or before the 31st day of October, 1041 or this potice will be plead in 1941, or this notice will be plead in bar of their right to recover. persons indebted to said estate will please make immediate settlement.

This 31st day of October, 1930. MRS. S. E. WHITTINGTON Administratrix of the estate of S. E. Whittington, dec'd. 12-5-6t (t)

SERVICE BY PUBLICATION NOTICE

In The Superior Court
North Carolina, Wilkes County:
Wilkes County vs. R. H. Faw.
The defendant above named
will take notice that an action en-C. State College, says there are few farmers who can't find some sine or gam trees from which long-lasting fence posts can be nade with the proper treatment of the wood with creosote or some ther preservative.

"Locust, cypress, cedar, red nulberry and catalpa are so durable they require no treatment." Graeber said, "but unfortunately nost of these species have been will take notice that an action entitled as above has been commenced in the Superior Court of Wilkes County, North Carolina, (for the purpose of foreclosing a tax certificate and sale of land), and the defendant will further take notice that an action entitled as above has been commenced in the Superior Court of Wilkes County, North Carolina, (for the purpose of foreclosing a tax certificate and sale of land), and the defendant will further take notice that an action entitled as above has been commenced in the Superior Court of Wilkes County, North Carolina, (for the purpose of foreclosing a tax certificate and sale of land), and the defendant will further take notice that he is required to appear at the office of the Clerk of the Superior Court of Wilkes County within 30 days from this date and answer or demur to the said complaint as required by law or the plaintiff will apply to the

SERVICE BY PUBLICATION NOTICE

han they will stand in the (for the purpose of foreclosing a round. Upon removal from the tax certificate and sale of land), boiler, place the entire post in a and the defendants will further take of cold creosote oil and altake notice that they are required to appear at the office of the Clerk of the Superior Court of Wilkes. Now the use of zinc chloride as a preservative. This is much quicker, since green posts are used. In fact, the sooner they are treated after cutting, the better.

Practically the only material needed are the preservative and take notice that they are required to appear at the office of the Clerk of the Superior Court of Wilkes. County within 30 days from this date and answer or demur to the said complaint as required by law or the plaintiff will apply to the court for the relief demanded in said complaint.

The the 12th day of Nov., 1940.

C. C. HAYES,

12-5-4t(t) Clerk Superior Court

Under and by virtue of the au-

lower end. Generally, eight to twenty hours is required to treat a post by this method.

PROJECTS

All 4-H Clubs in Onslow county have shown more interest in project work this year, and indications are that a larger percentage of projects will be completed and reported, says Assistant Farm Agent Jack Kelley.

Reading the ads.

that W. D els. to a post out (for mastly Ed and Jack R. Moody's corner); thence Southward with Nan Hoody's line Es poles to a large white oak (Welborn's corner); then East 24 poles to a sourwood in Nan Moody's line; then east 21 chs. to the chestnut corner, now dead and down's then South 2½ chs. to a white oak, Simmons' corner; thence Northeastwardly to a persumment ree on the side of the State Road to the BEGINNING Containing 44 acres, more or less. This 18th day of Nov., 1940.

J. N. FREEMAN, Trustee Frank Freeman, Atty. 12-12-4t to SERVICE BY PUBLICATION NOTICE

In The Superior Court of Wilkes County within 30 daise from the maid complaint as required by law or distributed as and county. North Carolina, Wilkes County of the purpose of foreclosing a stax certificate and sale of land), wilkes County within 30 days from this will take notice that they are required to appear at the office of the Clerk will take notice that an action entitled as above has been complaint.

SERVICE BY PUBLICATION of the Superior Court of Wilkes County within 30 days from this will take notice that an action entitled as above has been complaint.

SERVICE BY PUBLICATION of the Superior Court of Wilkes County within 30 days from this will take notice that an action entitled as above has been complaint.

SERVICE BY PUBLICATION of the Superior Court of Wilkes County within 30 days from this will apply to the court for the relief demanded in an action entitled as above has been complaint.

SERVICE BY PUBLICATION of the Superior Court of Wilkes County within 30 days from this will apply to the state and sale of land), and the defendants will further to the Wilkes County. North Carolina, Wilkes County of the purpose of foreclosing a county of the purpose of foreclosing and the defendants will further to the Wilkes County. North Carolina, Wilkes County of the purpose of foreclosing and the defendants will further the purpose of foreclosing and the defendants will further the purpose of foreclosing and the defendants will said complaint.

Th

In The Superior Court
North Carolina, Wilkes County:
Wilkes County vs. Gordon Miller
and wife, Mrs. Gordon Miller.
The defendants above named
will take notice that an action en-

12-5-4t(t)

SERVICE BY PUBLICATION

NOTICE
In The Superior Court
North Carolina, Wilkes County:
Wilkes County vs. Mrs. Cordia Reed.

said complaint as control or the plaintiff will ap court for the relief de complaint.

The the 12th day of Nov. C. C. HAYES Clerk Superior C 12-5-4t(t)

SERVICE BY PUBLICATION NOTICE

In The Superior Court North Carolina, Wilkes Count Wilkes County vs. R. E. Par The defendant above na The defendant above name will take notice that an action take notice that they are required will take notice that an action to appear at the office of the Clerk titled as above has been to appear at the office of the Clerk titled as above has been to appear at the office of the Clerk titled as above has been to appear at the office of the Clerk titled as above has been to appear at the office of the Clerk titled as above has been to appear at the office of the Superior Court of Wilkes menned in the Superior Court of Wilkes County, North date and answer or demur to the office the purpose of foreclosing the country of the superior court of the purpose of foreclosing the country of the superior court of the purpose of foreclosing the country of the country of the superior court of the superior cou County within 30 days from this Wilkes County, North Carolin date and answer or demur to the (for the purpose of foreclosing said complaint as required by law tax certificate and sale of land or the plaintiff will apply to the and the defendant will furthe court for the relief demanded in take notice that he is require said complaint.

The the 12th day of Nov., 1940.

C. C. HAYES.

County within 30 days from the court of the superior Court of Wilk. C. C. HAYES. County within 30 days from the Clerk Superior Court date and answer or demur to the Clerk Superior Court date and answer or demur to the County of the County said complaint as required by a or the plaintiff will apply to court for the relief demanded

said complaint. The the 12th day of Nov., 194
C. C. HAYES,
2-5-4t(t) Clerk Superior Cou 12-5-4t(t)

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