

Forest Laboratory Studies Problems of Logging Wastes

A study to determine the amount of useable wood left on the ground after logging operations in Oregon has been undertaken by the Oregon forest products laboratory.

The main problem, according to J. B. Grantham, acting managing director, who is in charge of this study, is that of matching the usually-thought-of waste material with mills which are adapted to handle such salvage logs.

The study will tell location and volume of the useable wood left-overs in Oregon. New ways to utilize the forest wastes can become sidelines of established lumber mills through closer cooperation between the millmen and loggers, Grantham added.

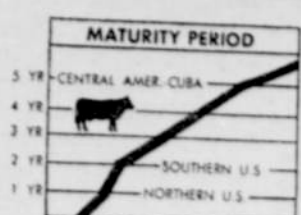
One hundred 1½-acre sample plots are now being studied. Research plots were selected on the basis of ownership, size of operation and location from the 400,000 acres of forest lands annually cut in Oregon.

Plots in 19 Oregon counties, including five southwestern counties—Douglas, Coos, Curry, Josephine and Jackson—are being scrutinized. Four forestry students are making an inventory of all tree parts left which are over 5 cubic feet in volume.

These forest left-overs are classified in three divisions according to possible use as a veneer bolt, saw log or pulp wood. The in-training foresters also record all visible, external defects which help to determine how much of the logs are useable.

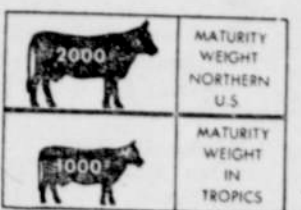
Working half time on this project has been the Pacific Northwest forest experiment station, Carl Meyer, Portland, representing the sta-

KEEP COOL—you'll grow better!



HEAT SLOWS GROWTH Scientists have found that it takes only one year to bring a cotton plant to maturity in the Northern United States where the temperature is moderate. In Southern United States where the temperature is higher, the cotton plant takes two years to mature. In Central America and Cuba where temperatures consistently range in the 80's and 90's it takes five years for the cotton to grow to maturity.

A SURVEY conducted among children in the United States showed that just a few degrees difference in average temperature was sufficient to slow growth perceptibly. Scientists found that children in Wisconsin averaged a full inch taller than those in Missouri. Those in tropical Manila, Philippine Islands, averaged as much as two inches shorter than Filipino children raised in northwestern United States.



WEIGHT AS WELL AS SIZE SUFFERS when the temperature and humidity go up. Scientists have found that cattle grown in the northern United States not only grow faster but weigh approximately 2,000 pounds at maturity. Cattle raised on similar feed in tropical climates weigh only HALF as much despite the longer amount of time it takes to bring them to maturity.

Prepared by Mitchell Manufacturing Company
Air Conditioning Division

Science has shown that excessive heat can be harmful to health. It has been found, however, that just the reduction of heat by a few degrees can offset these ill effects by a perceptible amount. Any number of methods to fight sizzling temperatures are available, some of which are more efficient than others. Among the most efficient are: 1) Continuous circulation of air about the body to remove unwanted body heat. 2) Frequent cool baths. 3) Keeping physical activity at a minimum. However, most ways to fight heat require cessation of other necessary activities. One of the most efficient ways to beat the heat without stopping work or other activity is through the use of a room air conditioner. Tests conducted by the Mitchell Air Conditioning Research Foundation show that the room air conditioner not only reduces the ill effects of heat but reduces other summer complaints, such as air-borne allergies, by removing 99.9 per cent of all foreign matter including allergens from the incoming air.

tion, has been general field supervisor.

Also cooperating have been the regional office of the U.S. forest service and the Oregon State college school of forestry. J. D. Snodgrass of the OSC forestry school has been field leader of the laboratory crew.

Naturally, petticoats worn under daytime cottons will need to be cleaned more often than those worn with evening gowns. So, for frequent wearing, it's wise to select an easy-to-clean petticoat, according to Miss Lane. These include nylon net with permanent finish, small-meshed rayon net with permanent finish, nylon tulle, stiff screening, nylon taffeta, and acetate taffeta.

Choose Petticoats That Clean Easily, Advices OSC Expert

If you have a yen for the currently popular full-skirted silhouette, consider future laundering needs before you make your choice of petticoats, advises Miss Lucy Lane, extension clothing specialist at Oregon State college.

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Cotton petticoats, such as tulle, cambric, buckram, and crinoline, are coarsely woven and heavily sized. Therefore, they lose their shape when washed and are hard to renovate.

Rayon taffeta with water-soluble sizing, or large-meshed rayon net, is also likely to lose its shape when washed. Nevertheless, these petticoats may be good buy if frequent laundering will not be needed, Miss Lane points out.

Many petticoats are sold as separates, while others are attached to dresses. A combination of fabrics are often used in this fashion trend. In one skirt, for instance, two or more different fabrics may be found, along with an interlining fabric used to give stiffness.

That's why it's important to decide how often you expect to clean the garment before buying either a separate petticoat or a dress with petticoat attached, the specialist explains.

OSC Discontinues Sale of Legume Inoculants

A farm service provided by Oregon State college for nearly 40 years has been discontinued this summer with the announcement by the OSC bacteriology department that it will no longer sell legume inoculating bacteria.

Increasing costs and financial losses over the past two years, combined with lack of space, have forced the discontinuance, according to Dr. W. B. Bollen, OSC bacteriologist.

Although the basic inoculating service will not be provided, OSC will cooperate in preparing inoculants for unusual legumes which re-

quire special strains of bacteria not available elsewhere, Dr. Bollen explained.

Inoculation of leguminous crops is always desirable and in many cases is essential for maximum quality and yield. Commercial inoculants are now recommended by OSC bacteriologists. They are available at most seed dealers.

HAYSEED

By Uncle Sam

OLD FASHIONED

There are many of the old-fashioned ways that are worth retaining and putting into practice in these modern days.

The modern home with all the latest conveniences is very comfortable and eliminates much work. But the old-fashioned home with the family meals, family discipline and family worship built sterling characters.

The modern schools with their modern equipment ought to make education much easier. But the old-fashioned schools taught the fundamentals of an education. The students were taught spelling, reading, writing and arithmetic.

The government with all its red tape and bunglesome machinery is

acting Santa Claus to almost everybody but it is costing almost one third of the national income. But old-fashioned democracy gave much service to its citizens without much expense.

The modern churches are very beautiful and comfortable. The music and preaching is quite high toned but often cold and formal. But the old-fashioned church was a place where a heart-felt, know-so, livable religion was taught.

The world would be a better world in which to live if many of the old-fashioned ways were put into practice.



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The "New Look" has come and gone and most every household article has had many face-liftings. But, not the White Mountain Apple Parer, Corer and Slicer. It just goes on and on processing apples and looking like something straight out of the Smithsonian Institute. But it does peel, core and slice apples in one operation in about five seconds.



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