

Forest Research Lab To Make Tree Study

Can a hybrid Douglas fir tree be developed that will double present tree growth such as hybrid corn has done for agriculture?

Intense young geneticists and other scientists are seeking this answer and many more at a scientific laboratory just completed at Corvallis.

Called the Oregon Forest Research Center, this \$500,000, all wood structure was formally dedicated on Saturday, November 16, when there was an open house for the general public from 10 to 12 a.m. with dedication ceremonies at 11 o'clock.

The structure houses two distinct research programs: forest lands research under Dick Berry, director, and forest products research under John B. Grantham, director, and is the outgrowth of state forest research programs started back in 1941.

Supervising the two separate state programs is R. M. Kallander, administrator of the state's four-year-old forest protection and conservation committee. Revenue to support the extensive research programs aimed at developing more products from wood, and maintaining maximum yield from all of Oregon's forest land, comes from a forest products harvest tax of four cents for each thousand feet of logs harvested. In addition, the fund is augmented by money from the state's general fund and from donations from private firms for cooperative research projects.

"It is possible," says John B. Grantham, director of the forest products research center, "that as many as 25,000 new jobs may come from this laboratory. We are working to find new products that can be made from wood and bark, especially from wood leftovers at sawmills and plywood plants."

Already developed by the 18-man staff of technical experts, Grantham said, are means of extracting waxes, tannin and other materials from bark and wood. Research has been going forward on processing residues to make hardboard, particle board and related products. Seasoning, gluing, treating and testing of wood and wood structures to improve serviceability and sales values plus work to expand the use of local hardwoods are part of the program to benefit Oregon forest landowners and workers in forest products industries.

The 16-man staff of technical men engaged in forest lands research has an equally challenging

job, said Dick Berry, director. "Some of our men are working on forest fire studies, especially in fire weather forecasting. Others are working on better insect and disease control. Several are developing improved methods of re-stocking cutovers and managing young timber stands."

"Genetics opens an exciting and immensely valuable portal," Berry said, "but takes the longest to make a showing. Under the direction of Dr. Kim K. Ching, we are hybridizing the Douglas fir and the California big cone spruce. We may get a hybrid fir with a growth and yield potential like hybrid corn. You never know on these projects."

Speakers at the formal dedication include Governor Robert D. Holmes; Freeman Schultz, who will represent the forest industries; President A. L. Strand of Oregon State College; and Albert Powers, senior member of the state board of forestry will be master of ceremonies. The Forest Research Center, although not connected with Oregon State College, carries on a number of cooperative projects with members of the college staff.

Over-all direction of this research work, so vital to the long-range economy of Oregon, rests with the forest protection and conservation committee: Chairman Freeman Schultz, Eliot Jenkins, Fred Brundage, W. F. McCulloch and Dave Epps.

An advisory committee for the lands research program includes N. B. Giustina, W. D. Hagenstein, Ernest Kolbe, R. W. Cowlin, Robert Furniss, Virgil Heath, D. L. Phipps, L. L. Simpson, and Chairman Fred Brundage.

The advisory committee for forest products research is made up of William Swindells, Nils Huit, R. W. Cowlin, Charles Fox, William West, Fred Sohn, S. J. Robinson, Carl Rasmussen, L. L. Simpson, D. L. Phipps and Governor Holmes, who is an ex-officio member and chairman.

"We can double forest growth under management," Director Berry stated. "There are many facts we hope to learn and pass along to private landowners of our state."

"The aim of forest products research," Director Grantham pointed out, "is, through research, to develop complete utilization of our forest resource. This goal should add at least 250 million dollars per year to the value of Oregon's forest products without increasing the present rate of timber cut."

Both men stressed they wanted ideas and suggestions from industry for research projects, which are timely and have long-range significance and importance.

PILGRIM BEER

The Puritans attached considerable importance to beer as an item in their provision stores. John Alden was signed on by the Pilgrim party to act as the colony's cooper.

QUICK, WATSON, THE NEEDLE



DR. KIM K. CHING is shown above demonstrating the techniques involved in hybridizing Douglas fir and the California big cone spruce. Such an operation may result in a hybrid fir with a growth and yield potential like hybrid corn.

Inspection Act Set For May 1

The U.S. Department of Agriculture announced today it will begin providing inspection service without cost to approved plants under the Poultry Products Inspection Act about May 1, 1958.

The secretary of agriculture may approve plants and furnish inspection service under the act after January 1, 1958. This recently enacted law becomes fully effective January 1, 1959, when it requires that all poultry and poultry products moving in interstate or foreign commerce, or in designated major consuming areas, must be inspected for wholesomeness.

In establishing the approximate date of May 1 for starting poultry inspection service under the new law, USDA has taken into consideration the need to develop and put into effect adequate regulations, allowance of sufficient time for the industry to acquaint itself fully with requirements of the legislation and regulations, recruitment and training of qualified personnel, and availability of funds to operate the program during the current fiscal year.

Plants desiring to operate under the act may apply after January 1, 1958, and must be approved before inspection service is made available. Once the plant becomes subject to the act it must continue to operate under it in accordance

with regulations issued by USDA.

Voluntary poultry inspection service will continue to be available to the industry on a fee basis. Currently, over 330 plants are taking advantage of this service and an additional 200 have requested plant approval.

USDA pointed out that plants approved and operating under the voluntary inspection service should experience little difficulty in being approved and obtaining inspection service without cost under mandatory program established by the Poultry Products Inspection Act.

Plant owners are urged to consider applying for and obtaining inspection service under the voluntary program as early as possible. This will help plant operators make an orderly changeover to mandatory inspection.

FBI DEATH RATE

From 1935 to 1952, 17 special agents of the U.S. Federal Bureau of Investigation were killed in the line of duty, according to the Encyclopedia Britannica.

PICKLED SKINS

Sheep and lambskins are preserved by pickling in a solution of sulphuric acid and salt, according to the Encyclopedia Britannica.

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TWO JOBS FOR SINGERS

NEW YORK (AP) — Four young singers are taking time off from regular jobs for a stage debut in "The Music Man," a musical by Meredith Willson. Known as the Buffalo Bills, the group has won prizes in barbershop quartet contests. Hailing from Buffalo, N.Y., they are Al Shea, a member of that city's police force; Vern Reed, engineering salesman; Scotty Ward, salesman for a machinery supply house; and Bill Spangenberg, truck driver.

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BULLETIN NO. 10

DATED 11-14-57

JOINT POTATO COMMISSIONERS' REPORT FOR WEEK ENDING November 14, 1957
POTATO DISPOSITION REPORT IN HIGHEST PRODUCTION AREA OFFERED BY POTATO MARKETING BOARD (CANADIAN - 350 m.m.)
ORIGIN - CALIFORNIA POTATO COMMISSION, BOX 1003, LIVERMORE, CALIF.

Description of Shipments	Oreocan-California		Washington		Idaho & Eastern Ore.		San Joaquin		S. W. Colorado		Calif. Long	
	Season to Season to	11-14-57	Season to Season to	11-14-57	Season to Season to	11-14-57	Season to Season to	11-14-57	Season to Season to	11-14-57	Season to Season to	11-14-57
A. Above U.S. standards												
1. By carriers												
Rail	1074	1298	2543	10777	14599	12137	897	442	330	541	3105	
Truck	1710	1407	1885	7017	12708	12708	2001	1707	1046	542	2502	
Total	2784	2705	4428	17794	27307	24845	3098	2449	1376	1083	5607	
2. By grades												
U. S. 1	2222	2149	11332	11950	13219	11796	3605	2131	3610	1016	2727	
U. S. 2	572	514	2217	2751	2125	1599	85	73	1488	1394	617	
U. S. 3			77	43			793	251				
Total	2794	2663	13626	14744	15344	13395	4503	2450	5100	2110	3404	
3. By varieties												
Early Rose	89	3	34	34	528	315			234	217	344	
Russet	117	10	1714	2070	2067	1315	2608	1009	2119	626	344	
Russet	2095	2421	10882	12097	13997	12508	796	541	1490	644	3794	
Kennebec	15	22	113	113	113	113						
Total	2216	2555	12350	14134	16613	14843	3403	1640	3543	1487	4182	
B. Below U.S. standards												
1. Food & seed												
Canning	49	38	1	1					36	127	44	
Feeding			297	115								
Liquor	1	1	8	7								
Seed	53	54	116	38	16	79					139	
Distillation												
Potato Chips	46	129	310	298								
Other					7774		1004	894				
2. Non-food												
Livestock Feed	748	538	1079	1331	1272	2415	121	35	1256	1279	894	
Starch	1177		1325		2145		202					
Other												
Total	865	538	2404	2669	3417	2415	323	35	1256	1279	894	
C. Total	3649	3243	16822	17413	20714	17260	3421	2484	6626	3361	6499	

NOTE: Potatoes shipped to the U.S. may include two shipments to non-market stock outlets meeting U.S. grade and also regulations. (Total 1957-58 season 410,000)
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