# OREGON LUMBER, 500,000,000,000 FEET, IS DESTINED TO SUPPLY THE WORLD

Vast Resources of State Comprise Large Portion of Last Large Stand of Timber in the United States and New Markets Are Opening to Receive Ever-Increasing and Expanding Output of Commonwealth





A Boom of Huge Oregon Logs







Type of Camps Maintained by Bend Operators

As in the past the opening up of consideration, the timber made the old northwest in Oregon's timber supply reaches the unlimited cargo movement and one against a normal pre-war basis of stated, will develop into a regular the timber supply reaches the unlimited cargo movement and one against a normal pre-war basis of stated. the great white pine country, so the great total of between 450,000,000,000 which will ultimately attract the ton- \$6 to \$10. cutting of the southern yellow gine and 500,000,000,000 feet. This total nage of the world. has aided materially in the develop- reduced to cargoes or carloads fur. The exportation of lumber during markets opened up to the coast, Large coast and easily reached by the words, south of the Ohio ment and enrichment of the south nishes tangible proof of available the year 1919 has shown appreciable shipments of railroad ties have been southern pine producers, has been a Potomac. Be it as it may,

and Willamette rivers is taken into our timber supply. With timber and and this in view of a freight rate few months opened up another outlet creasing consideration.

Wheat, the northwest has the basis of averaging \$35 per thousand feet as for the coast products which, it is in the or

Our market is reaching father east age being principally in the southern the remaining stumpage in Oregon in and Washington over two-thirds is in the column and washington over two-thirds and washingto

Felling Giant Trees in Oregon Coast Belt

The past year has seen many new The fact that Cuba, just off the east the Mason-Dixon line, or, in other

will the manufacturing of the tonnage for railroads and steamers gain over that of 1918 though it is made to Egypt and exporters are purchaser in our markets leads us and so will the manufacturing of the tonnage for railroads and steamers and steamer Welle of Joi, 900, 000, 000 Feet Riamath County

By H. B. Van Duser.

The product into tangible bound. Possibly this freight move wealth to be used in the further development of the Circus fruits. etc., from but the last large stand of timber in the United States. This is a down of industries employing thousers that its very repetition sounds trille statement, so often made in past years that its very repetition sounds is labor has only now to today in a very forceful manner.

The total exported in 1919 will run a raw product into tangible bound. Possibly this freight movement to export trade of Cho, the south. That the production of the coast is interest to exporters the united states. The total exported in 1919 will run a raw product into tangible bound. Possibly this freight movement to export trade in the past for the coast is interest to export the coast in the production of the coast is interest to export the coast in the coast is interest to export the coast in the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the production of the coast is interest to export the coast in the coast in the production of the coast is interest to export the coast

### CENTRAL OREGON HARVESTING GREATEST CROP

Operations in Big Timber of Section Are Carried Forward on Gigantic Scale, Many Mills Being Engaged in Business From Falling of Trees to Finished Product.

central Oregon timber, for the im- stamps were purchased by the men tions operate extensively through the portance of the milling industry has and women working for the Shevlinheen recognized for the past decade. Hixon company, while Brooks-ScanBut only during the past four years ion employes spent \$120,600 for bonds in Louisiana, Florida, Cuba, the Baham the harvest been pushed on a and \$20,108 for stamps. Five hunham islands, and British Columbia. large scale. This dates from March 1916. A few months before this,

### Bend's population was given as 3200. Today it will total over 6000. Payrolls Are Big.

One million, six hundred thousand dollars are put into circulation annually through the medium of the shevlin-Hixon company payroll, while of Oregon's greatest natural area a desolate wilderness of black-resources is its timber. To assalarles by the Brooks-Scanlon Lumber company. Eleven hundred men and women find employment with make productive lands otherwise the former company, which is under lying idle, the United States forest started in Oregon in 1908. In its aually through the medium of the the management of T. A. McCann, and service is actively engaged in the early stages the work was largely 550 are on the payroll of the latter reforestation of timber lands within experimental, corporation, of which J. P. Keyes is the national forests denuded by fire.

Millions of acres in the national forestation programme of the veneral manager.

Millions of acres in the national

show an annual output of 75,000,000 forest fires and the timber destroyed, the states of Oregon and shooks are put out by the box facshooks are put out by the box fac-tory which is run in connection with the mill. 29,000 given adequate protection from fire, Oregon

ing methods used by the two com-tion that usually springs up after the project in the state is that in the anies are in a number of essentials first burn, destroys whatever seed Mount Hebo region on the Siuslaw delically different. In the camps up-to-date sanitation impoverishes the soil and leaves the This project embraces over 2000 agrees

and the prosperity of Bend and on operations of the two mill companies of homes is encouraged and aided by which more than half the population of which they are justly proud is the companies. Scores of mills are operating in the and \$22,550 worth of war savings allied milling and logging corpora-

## REFORESTATION GOES FORWARD

United States Service Busy Reclaiming Millions of Acres That Have Been Fire Swept.

the general manager.

Millions of acres in the national ernment provides for the planting Figures furnished by Mr. Keyes forests of Oregon have been swept by approximately 2000 acres annually At the Shevlin-Hixon mill 120,000,000 will soon be again clothed with a

Millions of acres in the national ernment provides for the planting of Since the inception of the work 29,000 acres have been covered

Western Oregon Work. At the Sheviln-Hixon mill 120,000,000 will soon be again clothed with a feet of lumber is produced in a year and of this, 1200 carloads of box shooks are shipped. The shipping department requires 25 cars daily to take care of the output of finished lumber and box material.

Extensive operations in Oregon have been confined almost entirely to the national forests situated west of the Cascade divide since it is this restorated burning are so denuded of all tree strongly and box material.

Extensive operations in Oregon have been confined almost entirely to the national forests situated west of the Cascade divide since it is this restorated burning are so denuded of all tree strongly and that natural restocking is an extremely slow process and many systems through the woods on both sides of the Deschutes bring the supply of logs for the mills, but the loging methods used by the two com-

large projects are located on the Ore-gon forest in the Mount Hood region, on the Santiam forest near Detroit and on the Cascade forest year Oak-ridge. All these are located in the Douglas fir region. Smaller projects within the yellow pine type are locat-ed on the Crater and Siskiyou forests.

BEND, Or., Dec. 26—(Special.)— rules are strictly enforced by the dred and one employes of the Shev-Central Oregon's greatest crop is Central Oregon's greatest crop is the arrow of bulk houses, kitchens, measured in the growing, and which covers today the growing, and which covers today is a harvest of which no man now living may see the end, for the growing and milling of the yellow ping and milling of the yellow ping and milling of the yellow may see the end. For the growing is measured in years, where the farm-spon which is based the rapid growth and the proposerity of Bend, and comparison. The milliss of homes is encouraged and aided by any of homes is encouraged and aided by the freed and one employes of the Shev-likely By S. A. Kozer, Deputy Secretary of Stock for planting is grown the first and Sisklyou forests. Stock for planting is grown the first are the state, department, and with a row of bulk houses, kitchens, measure of the sarre, and shops, reading rooms are company were in the army, at wind river nursery, operated by Stock for planting is grown the first are the state, department, and with the army of the army of the army of the arms of the state, department, in the army of the arms of the arms of the arms of the state, department, and will ment, if the arm of the state, department, and will ment, and will ment, if the arms of the arms of the arms of the state, department, and will ment, if the arms of the arms of the arms of the state, department, and will ment, if the arms of the state, department, and will ment, if the arms of the state, department, and will ment, if the arms of the state, department, and will ment, if the arms of the state, department, and will ment, and will ment, if the arms of the state, department, and will ment, and will ment, if the arms of the state, department, and will ment, an being harvested.

It is a crop which took centuries in the growing, and which covers today hundreds of thousands of acres. It is a harvest of which no man now living may see the end, for the cut-portation on flat cars wherever camp is a floating one, for statistics show the trees are two or three years old they are constructed for transport of the cut-portation on flat cars wherever camp a floating one, for statistics show the trees are two or three years old they are constructed for the cut-portation on flat cars wherever camp a floating one, for statistics show the trees are two or three years old they are constructed for the cut-portation on flat cars wherever camp a floating one, for statistics show the trees are two or three years old they are constructed for the cut-portation on flat cars wherever camp a floating one, for statistics show the trees are two or three years old they are the company entered the service. And and boys from the Brooke-Scanlin This nursery covers ten acres in area company entered the service. And and has an annual output of 1,500,600 every one who returned found prompt every one who returned found prompt the forest service, near Carson, Wash and boys from the Brooke-Scanlin This nursery covers ten acres in area company entered the service. And and has an annual output of 1,500,600 every one who returned found prompt the company entered the service. And and has an annual output of 1,500,600 every one who returned found prompt the company of the forest service, near Carson, Wash ous planting areas. Planting is usually done in the spring, in April and May, before the new season's growth commences. Usually 600 to 700 trees are planted per acre in order to allow for a certain percentage of loss, marines, made provision also for the service men availing them. which more than half the population of which they are justly proud is of Deschutes county depends either the record made by their employes directly or indirectly for its liveliduring the world war. Records show tive of important lumber interests, the content of the Shevlin-Hixon company and that \$136,100 worth of liberty bonds for the Shevlin-Hixon company and protection from fire and grazing.

from 50 to 100 years will clapse be-fore the crop can be harvested, but to Uncle Sam, whose outlook is far beyond that of a single generation.

### WHAT ONE OREGON COUNTY GROWS. Marion county has 4456 farms.

Marion county has 4456 farms, raising these crops: Winter wheat, 35,255 acres; spring wheat, 12,435 acres; oats, 64,413 acres; barley, 1967 acres; rye, 2590 acres; cover, 9156 acres; alfalfa, 175 acres; wild or marsh hay, 1202 acres; other hay crops, 25,596 acres; potatoes, 5768 acres; other root crops, 472 acres; field peas, 65 acres; field beans, 620 acres; other crops, 3103 acres; other crops, 3103 acres; cres; other crops, 3103 acres; bearing apple trees, 2124 acres non-bearing apple trees, 507 acres; bearing cherry trees, 512 acres; non-bearing cherry trees, 456 acres; bearing peach trees, 319 acres; non-bearing peach trees, 44 acres; hearing pear trees, 433 acres; non-bear-ing pear trees, 191 acres; bear-ing prune trees, 611 acres; nonbearing prune trees, 1695 acres; bearing walnut trees, 267 acres; non-bearing walnut trees, 421 acres; blackberries and rasperries, 324 acres; strawberries nuts, bearing, 97 acres; other fruits and nuts, non-bearing, 61

# STATE LENDS EDUCATIONAL AID TO SOLDIERS

Men Who Saw Service During War Receive Help and Are Studying in Various Institutions of Learning Throughout Oregon to Number of 2561.

marines, made provision also for completing the education of those whose education had been interruptcare is given the little trees except protection from fire and grazing.

For the individual citizen the eral months to more than two years, arther long-time undertaking since from 50 to 100 years will elapse be fore the crop can be harvested, but being discharged and returned to the little trees except whose education had been interrupted ay there is on file in the office of the secretary of state, out of the secretary of state, o 13 to February 27, 1919, the boys were being discharged and returned to their homes in great numbers, which brought more forcibly to the attentheir homes in great numbers, which brought more forcibly to the attention of the people of this state the need for doing something in their behalf. While a soldiers' and sailors' commission was created carly during the session of the legislature, and commission was created early during the session of the legislature, and \$100,000 appropriated to be expended \$100,000 appropriated to be expended in aiding ex-service men at the discretion of that body, this in no measure provided for the boys being given an opportunity to continue the continue to the continue the continue to the continue the continue to the continue the continue the continue the continue to the continue the continue the continue the continue the continue the continue to the continue that continue the continue that continue the continue the continue the continue the continue that continue th ure provided for the boys being given the Oregon Agricultural college, the an opportunity to continue the edu-cational work which they were pur-high schools of the state, business suing at the time of their entry into the service, so by those interested in aiding them in further pursuing their education, a measure was drafted, which while imperfect in its original

tional ambitions.

While the law as finally passed by the legislative body and approved by the people at the special election held June 3, 1919, to which it was referred by the legislature, is not all that might be desired, yet through a caremight be desired. June 3, 1919, to which it was referred by the legislature, is not all that might be desired, yet through a careful and liberal construction thereof, it is believed that its purposes are state with which applications have state with which applications have the state with which applications have

After the approval of the measure it was submitted to Attorney-General Brown for a general construction of its provisions. Upon mature deliberation and careful thought, taking into consideration the purposes of the law, it was Mr. Brown's conclusion that in order that the full measure of the contemplated benefits might accrue therefrom, it should be given the most liberal construction possible.

Mame of School or College and Location.

Addox Adio & Gas Engine school. 87 Salabany college, Albany.

Astoria Business college, Astoria.

Astoria Business college, Astoria.

Astoria by school, Anthry.

Arlington high school, Arlington.

Antelope high school, Ashland.

Antelope high school, Baker.

Baker Business college.

Brown of College and Location.

Addox Adio & Gas Engine school.

Bright School of College and Location.

Adadox Adio & Gas Engine school.

Bright School of College and Location.

Adadox Adio & Gas Engine school.

Astoria Business college, Astoria.

Astoria Business college.

Astoria Business college.

Bis Brown the Business college.

Bis Brown the Business college.

Astoria Business college.

the service, so by the pursuing their adding them in further pursuing their education, a measure was drafted, which, while imperfect in its original form, yet contained the essentials form, yet contained the essentials ities are taught. Of this number of applications presented, more than 800 have been filed with the Oregon

The administration of the law appears to have been accomplished without any particular misunderstandings and with the least trouble to the ex-service men availing themselves of the benefits thereof, and today there is on file in the office of Mrs. E. O. Gardner's School of Shorthand. Fortland:
Gaston high school. Gaston
Grants Pass high school. Grants Pass.
Gresham Union high school. Gronts Pass.
Gresham Union high school. Grosham
High School District No. 36. Coop
county, Marshfield
Hillsboro high school, Hillsboro
Hotmes Business college, Portland.
Hood River high school, Hood River.
Hubbsard high school, Hubbard.
Hemphill's Trade school, Pertland.
John Day lugh school, John Day
Kimball School of Theology, Salem
Kimmath county high school, Klamath
Falls

Pacific college, Newberg,
Pacific university, Forest Grove,
Pendleton high school, Pendleton
Philomath college, Philomath
Portiand high school, Paritand
Prairie City high school, Prairie City
Rainier high school, Rainier
Reed college, Portland
Roseburg high school, Rainier
Reed college, Portland
Roseburg high school, Rainier
Reed college, Portland
Roseburg high school, Roseburg
Riddle high school, Salem
Silverton high school, Silverton
Sutherlin academy, Sutherlin
Salem Indian school, Chemawa,
Sheridan high school, Sheridan
Stayton high school, Stayton
School of the Portland Art association, Portland
Tillamook bigh school, Tillamook
The Dailes high school, Tillamook
University of Oregon Lugene,
University of Oregon high school, Eugene,
Lond

Studies Have Wide Range. The character and nature of the 13 pursuing may be of interest, and in-41 asmuch as the applications for the benefits of the law include a stateres to pursue, an examination and tabulation of them reveals some very interesting data. Under the head of engineering, auto mechanics, scientific and the like, we find the fol-

tific and the like, we find the following:

Engineering, auto mechanic, scientific, etc. Automobiles, auto mechanics, 139; aviation, 1; biology, 2; chemistry, 18; drafting, 4; drawing and designing, 2; electrical work, 21; automobile, chemical, lighway, logging, mechanical, mining, reclaimation, steam and structural engineering, 386; gas engines, 52; geology, 6; industrial aris, 16; machinist, 4; manusi training, 7; mathematics, 2; mechanical aris, 14; mechanical drawing, 18; oxyaneitylene welding, 1; pattern making, 1; biological engineering and condemic; Academic, 4; art and designing, 1; classical course, 4; art and designing, 1; classical course, 4; art and designing, 1; classical course, 4; education, general, 92; elementary course, 3; fine aris and academic, 2; foreign trade, 30; high school, 202; languages, 4; theral aris, 68; literary course, 3; otherwise, 1; psychology, 1; public speaking, 2; religion and Bible history, 1; social sociones, 2; Agriculture, including animal husban-

acientee, 2.

Agriculture, including animal husbanders, poultry husbandry, farm management, horticulture and forentry. Agriculture, 179; animal husbandry, 15; botany and plant pathology, 1; chemistry, agricultural, 2; chemistry, industrial, 1; dairying, 7; farm management, 3; farm mechanics. S: forestry, 14; horticulture, 12; mining, 1; poultry and husbandry, 6.

Medicine, including pharmacy and dentistry: Chiropractic, 11; dentistry, 53; medicine, 116; optometry, 31; pharmacy, 46.

Law: Law 110.

Law: Law, 110: law and commerce, 2.
Other professions, including ministry, teaching, journalism, architecture and life insurance: Architecture, 15; biblical, 2: exporting, 2: journalism, 29: landscape gardening, 1; life insurance, 1; liferary and theological, 1; ministerial, 5; teaching, 4;

and theologica, ing. 4.

Business: Accounting, 31: advertising. 7: barbering, 4: bookkeeping, 33: business 173: business and basking, 32: commerce, 221; commercial course, 144: economics, 24: economics and business administration. 3: economics and commerce, 1: sales 24; economics and business administra-tion, 2; economics and commerce, 1; sales-manship and advertising, 2; calesmanship and business organization, 5; salesman-ship and speaking, 13; secretarial course, 1; stenography, 29; telegraphy, 10; type-writing, 5.

These figures demonstrate that the ex-service man is in pursuit of some-thing which will fit him for his life's which reach us are to the effect that they are a most carnest set of men, infent upon getting a firm founda-tion on which to build for the future.