Of the One Log Only 10 Per Cent of Material Is Sultable, It Is Declared.

COST FIGURED IN DETAIL

Willaps Lumber Company Estimates a Not Profit of \$3 on a Log Containing 1000 Feet of Sprace Timber.

By Fred Lockley.

Waste Is Big Pactor
"We think that the requirements of our allies are based largely on the What the spruce industry means to our own country as well as the allies has been repeatedly pointed out by airexperts and military men in character of spruce that has been furplane experts and military men in touch with the situation. It is not nished during the last year, and of which the English particularly have generally known that of the 913 mills bitterly complained to this department, in the Northwest less than 50 are in position to manufacture spruce lumclaiming that it has required the purber in any quantity. Even in what are called spruce mills not over 25 chase of 2440 feet to secure enough spruce for the manufacture of one airper cent of their output is spruce lumplane. As a matter of fact, the Curtiss training machines require the conthe rest of the output being Dougsumption of but 167 feet, the larger las fir, western hemlock and red cedar. machines, of course, would require more, but it is our aim to secure only Inasmuch as not over one spruce log 10 is suitable to be used for aira quality that will necessitate the purslane stock and of that log not to exseed 10 per cent is suitable for use, it chase of an infinitely smaller amount be seen how much other stock must be manufactured in getting out conference held in Washington it was estimated by competent representaspruce for airplane stock, tives from the Wright-Martin com-The following report made from the pany, the Dayton-Wright company, the mill records of the Willapa Lumber Curtiss company and others, that

company on Grays Harbor is interesting and shows that even at the price of \$105 per thousand feet the mill men are not making as large a profit as is generally believed. The Willapa Lumber company of

Raymond, Wash., one of the largest producers of spruce aircraft lumber, has, from its mill records made the following computation of the average A 1000-foot spruce log will yield:

10% Aircraft specification at \$105 per M ft., amounting-56% Other upper grades at \$30 per M ft., amounting to...

16% Other upper grades at \$30 per M ft., amounting to...

56% Low grade lumber at \$10 per M ft., amounting to...

The log cost the mill \$13 per 1600 feet as raw material. Its manufacture cost \$7 per 1600 feet additional. Total cost, \$20. Selling price, \$23. Profit, \$8 on 25 per cent of the mills production.

Urged as Big N

A letter was sent late last month by the government to the Airplane Spruce manufacturers which read in part as follows:

"The exportation of spruce from the United States last year, as near as we can ascertain, was about 23,000,000 feet; the requirements of the United States this year will be at least 20,000,000; of Italy, 18,000,000; France has asked for 26,000,000 feet, and Great Britain has asked for 80,000,000 feet. It must be very apparent to you that fulfillment of all these orders is practically impossible, and that some method must be adopted for an intel-ligent and equitable distribution, and ecomplish this, we have definitely lecided that all future sawing must be on the new spruce specification list, and at the uniform price of \$105 per thousand, which has been agreed upon; and that all orders both for the needs of the United States and her allies must go through this division,

under the new specifications not more

Direct Contracts Urged

the present requirements of the for-

eign governments are largely in excess

contention, but we have definitely de-

cided that the proper course to pur-

sue is to contract directly with the

mills, and give our manufacturers and

allies the benefit of doing away with

the useless expenses that have at-

tended previous purchases, also the ad-

vantage of largely reduced freight

"This position of the section has

"We are not looking for trouble or

"Consequently we are satisfied that

than 600 feet would be necessary.

of their real needs.

on its purchases.

Government Leads In Saving Timber

to Be Feessary to Accomplish

An eastern publication very wisely

remarks that what we need just now

is more cooperation and a greater

spirit of service that the day for the

maximum of talk and the minimum of result. The "whoop-er up" organization has gone by that the present

day commercial organisation, whether it be termed a commercial club or a chamber of commerce, has a serious task before it, and that it should be

a substantial constructive community force, not indulging in shouting or

hurrahing, but seriously engaged in a

logical and common-sense effort to build up its own community by loy-

alty to its interests and by putting every effort toward the speedy win-ning of the war.

The United States government is setting an excellent example to timber owners and logging companies in conserving the lumber supply so as not to exhaust the timber at one cutting but to make it a continual source of wealth. The forest service recently sold 15,000,000 feet of timber in the Tahoe national forest to Clover Valley Lumber company.

The company has been given five

years to cut the 1700 acres compristo accomplish the same results. At our ing the government sections, and the work will commence at once. The other sections are either privately owned or are railroad sections. The timber is yellow pine with a fair sprinkling of fir and cedar. The company has acquired the old Marsh lumber mill at Loyalton, and the logs will be skidded out by donkey engine and cable to the Loyalton railroad, then hauled to the

The government timber will all have to be cut in a scientific manner, an expert ranger designating the trees and superintending the clearing. Twen ty-five per cent of money obtained for the timber will go to Sierra county for schools and roads. Only 75 per cent of the trees will be cut, the rest being left for seeding purposes.

of the council of national defense, and rates which the United States receives while it may interfere with your profits and commissions, we trust that as patriotic citizens you will recognize

usteron

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Oregon eggs manufactured in China may soon be advertised by enterprisbeen indersed by the Aircraft produc-\$23.00 tion board and the lumber committee your cooperation." In grocers. Professor Dryden of the They will go to China via Siberia so Oregon Agricultural college is shipping that by the time they arrive at their

some prize laying Leghorns and Barred destination they will not only be good Rocks to the Mission Experiment farm at Shaowu, China. They are to be crossed with the native Chinese fowls.

layers but also good travelers.

worm increases 14,000 times its orig

Market in Douglas Fir Remains Light

excellent in the territory which draws

most heavily upon the mills of Oregon

and Washington, During the past two months since cars became plenti-

ful the various yards have been re-

ceiving a large amount of lumber, so

this time of year. Special business is heavy, however. Ship lumber is

keeping many of the mills busy. Then

Heavy as have been the

too the government is buying much

government purchases during the

past three months they will be

even heavier during the next three

the United States government is at-

tending a meeting of the West Coast

Lumberman's association at Centralia

today to discuss with the spruce man-

for the government airplane fleet. The

output of all Oregon and Washington

mills for this season has been com-

mandeered by the government. This

includes the stock on hand and being

cut on the order for 100,000,000 feet ordered by the allies.

Running Full Blast

The McCloud River Lumber com-

both the day and night crew being re-

cruited to full strength. Up to July

ber and by the end of the year they

expect to cut as much more. This is

New Company Formed

new milling company has just

marked increase over last year.

1 they had cut 53,000,000 feet of lum-

any of McCloud is running two shifts

Spruce Situation

AT 49 CENTS TWO Line Yards Are Said to Be Buying Little or Nothing From the West YEARS AGO NOW \$1 Coast Mills—Future Looks Bright. The Douglas fir market has been extremely sluggish of late, says a trade journal in reviewing the lumber situation. "Line yards at present are buying little or nothing from west coast mills. It is thought the present period of extreme duliness will soon be over, since crop prospects are most

Labor Shortage One Cause of Advance and the Mexican Trouble Is Another Factor,

SILVER WHICH SOLD

Two years ago silver sold at 48 days it was quoted at 97% cents an that the retailers are well stocked for ounce. As high as \$1 an ounce has been paid within the past few weeks ing company at Tonopah sold 200,000 ounces of silver for an even \$200,000. Mexico, one of the heaviest producers of silver, has changed its national industry from mining silver to hunting tions. The European war has created a tremendous labor shortage in the mining districts and at the same Will Be Discussed age. The following table shows the fluctuations of silver for the last



California Mined Most

The value of the gold and silver mined in the United States last year was \$141,543,300. California leads in een organized on the Umpqua river the production of gold, producing alunder the title of The Reedsport Lum- most \$22,000,000. Colorado came next ber company. A. B. Loud of Marsh- with about \$19,000,000. Alaska was field will be manager of the mill. The third with over \$16,000,000. More new company has secured a tract of than a million and a half dollars worth spruce timber upon which they will of gold was mined in the Philippine

PORTLAND COMPANY COMPLETES BIG ICE PLANT FOR AN OUTSIDE WHALING CONCERN

IANUFACTURERS' DIRECTORY Following is an alphabetical directory of all advertisers on these two pages. All are manufacturers of the articles mentioned, and not merely dealers in and sellers of the goods and wares. Their productions will be found the equal of any to be had, and should have the attention of Portland and Oregon buyers: Armstrong Machinery Co., 548 Thurman st., manufacturers of ice machinery and refriger-ating plants. Applegath, C. G. (G. P. Rummella & Son), manufacturer of fur garments, 2d and Wash.

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Cooked With Onions "Whale meat is a tender, sweet, palbutter and finely sliced onions-liver mon. Up to within the last few months the flesh of the whale was converted into fertilizer, netting the whaling company less than two cents a pound. but now is readily marketed at five cents, wholesale, and is retailed at 10 cents to 11 cents a pound. It is having an immense sale, both on the Pacific coast and in the east.

"In our conversations, I inquired if much of the meat was being shipped to Portland. The manager of the com-pany, a full blood Englishman, replied Naow, not very much, ye knaow. Those Portland people are a bit slaov, are busy at work on government or-ye know, in taking hold of anything ders for spruce for airplane stock as new ye naow, an' if they don't want are also several mills at Anacortes.

"I was called by telephone to an east side residence," says Carl Sommer, proprietor of the plano factory at 247 Fifth street, "and asked if I could repair a badly dilapidated instrument in the home. Originally it was one of finest tone, but in moving Harris Ice Machine Works was out of sorts, so to speak, as well Completes 25-Ton Plant could put the plane in first class condition again, and the charge would be \$90. The owner readily agreed to this expense, and the instrument is at this time as good as when it left the factory. When the job was completed and I received my check, I was shown a copy of The Journal containing my little advertisement and told that it was from this I received the call."

And this was but one of the orders Mr. Sommer secured through his investment in publicity of \$1 a week for 53 weeks.

our product I don't want them to have low Whales Are Caught

The whales are caught 140 miles as common as beef, and is taking the food no regard was paid to sanitation place of that meat in hundreds of in handling their flesh. The whale hunters would kill a whale by shooting a harpoon into its body, exploding a bomb, and when the fish came to the surface would stick an iron rod whale meat is a tenuer, sweet, past the surface would stick an atable flesh, and if properly cooked into it, with a red flag at the end, will become a favorite table food with and let it float about until three or and let it float about until three or four were thus slaughtered. and onions style—but not fried as hard as liver. It will cook in almost no time, and I predict the time will come when this nourishment will be as popular as is Columbia river salmon. Up to within the lest faw months. towed ashore immediately after cap-ture, expert butchers take the carcass in charge, and they are treated as are those of cattle at the big packing plants. About 35 tons of marketable meat is secured from each, and this is shipped to buyers in all parts of the country. Demand for the flesh is growing so rapidly that orders are constantly booked ahead, and no dif-

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