

How to Set Out Trees.

In preparing to set out trees, shrubs, vines, etc., a hole should be dug large and deep, a foot at least larger than the natural spread of the roots, from the fact that a tree or anything set out should grow a year or two in good loam before it runs its roots into the original gravelly material; otherwise its progress in growing is apt to be very slow and sickly looking, if it lives at all. When setting out a tree, shrub or vine—in fact, anything of size—the loam should not be shoveled in a body, for any person can see that in this way it can not be air-tight. Around the roots the loam should be very carefully shaken in, and at the same time using water, which will make a porridge of the loam so it can be carried into the least hole, crack or crevice, and thus it is made air-tight around every fiber, which, the reader can see, is of great importance for the tree to start right away and so continue to grow right along. Trees often die from the effects of being set out in a hurry and the roots bent and cramped into a post hole. Any one setting out trees in this way should wear a boot or shoe a few days two sizes too small, so it may cramp his toes; then he can pity the tree that has its roots cramped and bent to fit a small hole.

Substitute for Paint.

I know, both by experience and observation, that common tar, such as is used for painting the rigging on ships, is an excellent substitute for paint on wagon wheels, etc., writes Marion P. Wheeler of Greenleaf. It fills up all cracks and forms a smooth, glossy covering, protecting the wood from sun and water until it wears off. It is also used as a substitute for white lead in such work as setting axle boxes. It costs less than half as much as linseed oil here.

A saw mill owned by Geo. W. Hume of San Francisco, managed by his son Wm. R. Hume, and pronounced by all mill men who have inspected it, to be the finest sawmill plants in the world, has just been completed at Astoria. The plant occupies about 21 acres of ground, and is very conveniently arranged for handling rail and cargo business, and its cost complete will exceed \$250,000. The main building is 154x324 feet; boiler-house, 56x74 feet; engine-room, 28x37 feet; machine shop, 28x70 feet; lath mill 28x50 feet; sorting shed, 57x80 feet. The power is furnished by eight 66x16 boilers. The main drive is a pair of 22x28 verticle engines. The planing mill and box factory is driven by a pair of 16x24 engines, verticle type. The boilers and power were furnished by Fairbanks, Morse & Co., and built by the Columbia Engineering Co., of Portland. In the saw mill is one nine-foot Allis band mill, carrying a 14-inch saw for the head band, and one eight-foot Allis, carrying a 12-inch saw will be used on the pony side. Both mills are installed with a view of being used separately when occasion requires. A ten-inch Allis gang edger (Hansen patent), Simonson log turner, Allis gang trimmer, Allis Pacific Coast steel carriage, with 72-inch head block, equipped with power set works, two Beck steam feeds, 14x18, with a 120-foot run, one 12x16 on the pony side, with 100-foot run, Allis cant flipper, a Metts & Neme No. 6 hog and a modern live-roll system comprise the machinery in the saw mill. The planing mill will be equipped with two Mershon re-saws, one 16x30; four-sided invincible timber planer, five invincible matchers and surfacers, and two stickers. The box factory will be equipped with the latest box manufacturing machinery. When the mill is in full operation it will have a capacity of 140,000 feet in ten hours, or 250,000 feet per day.

Cattle for Sale.

Seven good cows and seven calves, enquire at this office.

Smith' Dandruff Pomade

Stops itching scalp upon one application, three to six removes all dandruff and will stop falling hair. Price 50c. For sale by Marsters Drug Co. mltf

POPULAR NORTH BEACH.

Roseburg People Will Find This an Ideal Recreation Resort.

Many Roseburg people have decided to spend their vacation at Popular North Beach, at the mouth of the Columbia. Leaving Portland (daily except Sunday and Monday) on the O. R. & N. Co.'s palatial Steamer T. J. Potter—queen of river boats—five hours are consumed in making the trip to Astoria, the scenery including all that is beautiful, and through the great salmon-fishing waters of the Lower Columbia. After a short stop at Astoria, the steamer is off for Ilwaco, on Baker's Bay, where the passengers board the train waiting and are soon off for North Beach, the popular summer resort of the North Pacific coast. During the trip from Ilwaco the first good view of the Pacific is secured, the train running along the ridge of the beach within two hundred yards of the breakers. The beach is twenty-seven miles long, two hundred yards wide at low tide, and so hard that carriage wheels scarcely leave a mark. It is an ideal place for driving, riding, wheeling, or walking, and the surf bathing is unsurpassed. The excellent hotels and boarding places provide good accommodations at prices ranging from one dollar to three dollars per day.

The round trip rate from Portland to Astoria is \$2.50; to Ocean Beach points \$4.00, good until October 15th. On Saturdays, during July and August, round trip tickets are sold to beach points at \$2.50, good for return leaving the beach the following Sunday evening.

Write your Farm Experience and Send

In 1902 the Southern Pacific Company published a pamphlet entitled "California Industries". It contained principally the personal testimonies of experienced cultivators, says the Pacific Homestead. A short description of the different sections was given and following this the testimonies of fruit growers, dairymen, etc., etc., showing the number of acres cultivated to oranges, grapes, olives, alfalfa, etc., the cost to cultivate the yield per acre and price the products were sold for. This was one of the most practical pieces of literature that could be put out. Mr. W. E. Coman, G. P. A., of the Southern Pacific Company, has written the agents of that company in Oregon that it is the intention to get up a similar publication for Oregon and asks that all who are able to give the results from their farms, dairies, fruit orchards, berry patches, etc., in Oregon, write the results for publication in this pamphlet. He says he wants only the actual results under favorable conditions—the same as can be accomplished by any intelligent grower under normal conditions; that is, he wants only honest representations. Any of our readers in Oregon who will take the time to give their experiences will be doing the company a courtesy and the state justice. You may send your statement to Mr. Coman, or to the PLAIN DEALER and it will be forwarded to him.

Trespass Notice.

The public is hereby warned not to trespass upon the premises, not to hunt for or shoot any kind of bird or animal on the Da Motta farm and pasture land located east of Roseburg under penalty of the law made and provided.

M. T. Dawson, Prop.
Roseburg, Oregon, Aug. 18, 1903.

Goats for Sale.

About 40 head of Angora goats for sale, all young does, also some thoroughbred bucks. Correspondence solicited.

L. A. MARSTERS,
Cleveland, Oregon.

Wanted.

20 tiers oak stovewood, 30 tiers grub blockwood. D. S. K. Buick 48tf.

Great Men and Great Pianos.

President Roosevelt has just bought a fine Knabe piano, and the late vice-president Hobart has at his residence a fine NEEDHAM, such as we are selling every day, right here at Roseburg, and since the good judgement of Roosevelt we have secured the agency for the Knabe and the J. & C. Fischer. These are all world-renowned pianos, of the highest standard. We have also in transit a lot of those medium pianos for which the people are paying all the way from \$275.00 to \$300.00 and even more

We are going to offer the same grade for \$150.00, \$175.00 and \$200.00. These figures will surprise those who have been buying those so-called high-grade pianos. Besides this lot we will have the genuine CABLE piano and not the Hobert M. Cable. It will pay you to see this line before buying a piano.

RICHARDSON Music House,
Roseburg and Cottage Grove.

Men wanted to cut 300 tier of wood inquire of Henry Conn. Roseburg Oregon.

T. K. RICHARDSON.

Leading Music House of Southern Oregon.

\$25.00 Gold or silver will buy a good Organ or make a payment on one of our fine Pianos, prices ranging from \$185.00 to \$450.00. I have decided to sell my present stock regardless of cost or profit. See or write us at once and secure some of these bargains.

T. K. RICHARDSON,
Roseburg, Oregon.

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Why pay the Rail Road a lot of money to carry you to Springs of unknown medical properties when you can be GUARANTEED A CURE at BOSWELL SPRINGS near home.

ELATERITE is Mineral Rubber. YOU MAY WANT BUILDING or find it necessary to REPLACE A WORN-OUT ROOF ELATERITE ROOFING

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Roseburg Real Estate Co.

Farm and Timber Land Bought and Sold Taxes Paid for Non-Residents. Timber Estimates a Specialty. List your property with us.

Drain = Gardiner COOS BAY STAGE ROUTE

Commencing with Monday, January 20, '02, we will charge \$7.50 for the fare from Drain to Coos Bay. Baggage allowance with each full fare 50 pounds. Travelling men are allowed 75 pounds baggage when they have 300 pounds or more. All excess baggage, 3 cts. per pound, and no allowance will be made for round trip. DAILY STAGE.

For further information address J. R. Sawyers, Proprietor, Drain, Oregon

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