

# PROBLEMS OF INDUSTRIAL GROWTH IN THE STATE OF OREGON

## ASHLAND MEANS FOR CLEAN ORCHARDS

### Commissioner Carson Will Enforce the Fruit Pest Law on Their Petition.

## ALFALFA FOR DRY LAND

### Growing of Plant in Willamette Valley Without Irrigation Not an Experiment—School for Dairying at Corvallis.

Ashland fruitgrowers are falling into line, in the fight for clean orchards. No-tice, however, the final statement of Mr. Carson. With a good law on the statute books and a due organization of officers to enforce it, to carry out such a law should not depend on its popularity with the people whom it affects. Apart from any question of strictness in applying to all soils, it may be suggested that the state at large has an interest in the quality and value of its orchard products.

practical, and is scientific up to the last day. The dairy farmers of the Willamette Valley have learned their business, some from their parents, others from practical experience under those who may or may not have been posted up to date, others from hard knocks, and still others from their lot to have to do the best they could and find out how as they went along. All it is to be hoped, take a farmer's paper and read it, and its correspondent's advice.

## PLENTY OF ORCHARD LAND

### NO MONOPOLY ON HOOD AND ROGUE RIVER APPLIES.

### John Minto, Oregon Pioneer, Writes Concerning Fruitgrowing and Forest Reserve.

The following communication from the well-known pioneer, John Minto, is more than the usual rosy apple spiel. The point he makes of the adaptability of the soil of our fir lands to fruit culture when the timber has been removed is sound. Those who have traveled in other lands and have noted the poverty of the soil of the fir and pine forests in Scotland, Norway and Germany, must have often been struck with the contrast here. Naturally the greater vigor, size and longevity of the conifers of Oregon, and the fact that they grow on the soil in which they grow.

## UTILIZE THE SWAMP

### Medford Farmer Pumps Water Into a Storage Reservoir.

### FOR IRRIGATION PURPOSES

### Gasoline Engine Furnishes the Power Necessary to Carry Out Novel Scheme for Reclaiming the Land.

There is a farm called Hollywood, lying west of Medford, and on its ten acres of swampy land, the owner, A. C. Allen, drained the ten acres, leading the water through the pipes into a central reservoir, holding 15,000 gallons. Then he installed a 3/4-inch centrifugal pump, driven by a 15-horsepower gasoline engine—capacity, 300 gallons a minute. So he has a 10,000-gallon tank filled, and thence the water led to all parts of the tract and serves for irrigation when and where needed.

## NEED FOR STEEL PLANT

### Portland Should Give Black Sand Process a Practical Working Test.

It was stated a few days ago that 20,000 tons of steel would be needed for the two bridges to be built by the Northern Pacific across the Columbia and Willamette rivers. Still more will be required for structures along that road; how much cannot be estimated. Two thousand tons of rails for the Drain to Coos line are reported as arriving at Drain. The Natron road must be provided for, and about 20,000 tons will be held there. Steel for the Portland-Salem Electric, extension of the O. W. P., the building of the Tillamook, Nehalem, and a much larger quantity for the Lewis and Snake River, and for the Willamette extension, must be added to the total. And the list is not closed. Then think of the steel buildings to be erected in Portland and of the various street railroads.

## BETTER OUTLOOK FOR PRUNES

The future of the prune industry seems brighter. The following, from the Albany Democrat, indicates better conditions in Linn County:

## ALFALFA IN THE VALLEY

L. L. Brooks' experience follows: "I have been sowing alfalfa the last two Springs with very good results. I sowed two acres on a poor clay point on May 25, 1905, and even though I had dirt from the Agricultural College alfalfa bed, the ground was not worked down as it should be, and an extremely dry season from April to November followed, but cut two crops this year, and on May 25, 1906, sowed three acres more on much better land, and worked the ground down fine, plowed it extra deep, and cut it twice, rolled three times, harrowed four times; besides, the ground was well manured, before plowing. It sowed at 10 pounds of alfalfa seed on the three acres, with 50 pounds of land plaster per acre; land plaster and seed sown same day and harrowed in together.



LITTLE NORTH FORK OF NORTH SANTIAM.

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HENWINE CREEK, NORTH SANTIAM.

## SAVE WASTE POWER

### Streams Harnessed to Turn the Wheels of Industry.

## ARE MANY CHOICE SITES

### More Extensive Employment of Applied Electrical Science Than Before in History of State.

More has been done in 1905 to develop and utilize electrical power in Oregon than in any previous year. The approach constantly heard that we are letting the great resources of our water powers run by to waste will soon be obsolete.

## GAS FOR SMALL CITIES.

### North Yakima Believes Acetylene Solves Problem of Cheap Lights.

Just when Portland is in trouble with her gas company, wondering if she can, in the matter of lighting, call her soul her own, the Yakima people seem to have cut the Gordian knot by letting out gas alone and taking up acetylene. So says the Yakima Republic.

## PROTEST FROM THE PAST

### Farmer Takes Albany to Task for Abolishing the Hitching Post.

Read this warning. A joke? No—a reprint from the Albany Democrat.

## Coal Famine on East Side.

Coal appears to be unobtainable for love or money just now, at any rate in quantities desired in Eastern Oregon and Eastern Washington. Each city is crying loudly, but there is no response. That cars are short, but that Utah and Wyoming mines have not miners enough to put out coal for this distant field. It will be a shorter haul from Coos Bay when a year or so has passed.

## Mining on the Klamath.

What is the meaning of this sudden rush for mining claims down the Klamath River for a hundred miles? If great discoveries have been made to justify it, the news has not reached us yet. Or is it just an old-fashioned stampede?

## GOING! GOING!! GONE!!!

### NEWBRO'S HERPICIDE

### The ORIGINAL remedy that "kills the Dandruff Germ."

Prof. Usna, the world's greatest dermatologist, has discovered the microbe and contagious nature of true dandruff. His discovery was verified by Dr. Sabouraud of Paris, who doused a rabbit with his dandruff bacteria. The rabbit became bald. A wonderful hair-severer. A delightful dressing. Stops itching instantly.

### KEEPS UP RAIL RATES.

### One Bad Effect of Private Ownership of Oregon City Locks.

The Oregonian a day or two ago notified the introduction by Senator Fulton of a bill for the purchase of the locks at Oregon City. It is a bill for the purchase of a view to their being thrown open and the 50 cents charge per ton on freight and 50 cents per passenger abolished. All know that in ten years about \$200,000 has been paid by the people of the Willamette Valley as direct toll. If this were all it would be bad enough. But indirectly this large sum is but a small, very small part of what the locks have cost the people. For the lock toll has added 50 cents a ton to the total of the river freight, and as the river freight is the standard by which railroad freight is regulated, that same 50 cents a ton has been added to the railroad tonnage as well. Can any one easily calculate the sum? By no means. Only the old books of account of the Southern Pacific could tell the tale.

Do not purge or weaken the bowels, but act speedily on the liver and bile. Perfect liver corrector. Carter's Little Liver Pills.

Dr. Walker, 191 First Street, Corner Tenth, Portland, Oregon.