

OREGONIAN RAILWAY TIME TABLE.

North.	April 1, 1891.	South.
Le. Newberg, 7:55 a. m.	Le. Portland, 9:40 a. m.	Ar. Portland, 9:30 a. m.
Le. Portland, 12:45 p. m.	Ar. Newberg, 12:15 p. m.	Le. Newberg, 12:45 p. m.
Le. Portland, 4:20 p. m.	Ar. Newberg, 4:05 p. m.	Le. Newberg, 4:20 p. m.
Ar. Portland, 4:20 p. m.	Ar. Newberg, 4:05 p. m.	Le. Newberg, 4:20 p. m.

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NEWBERG GRAPHIC.

ISSUED EVERY FRIDAY MORNING.
 EDITORS AND PUBLISHERS:
 E. H. WOODWARD & OLEM C. EMBURY.
 FRIDAY, JUNE 12, 1891.

Entered as second class matter at the post office at Newberg, Oregon.

PROF. THOMAS VAN SOUY has resigned the presidency of Willamette University at Salem. He will travel a year and then take the position of chancellor of the Portland University.

INDIANA is to have a building at the Columbian exposition constructed of all building materials found in the state. If we are to judge from the efforts put forth so far in our state for a world's fair building at Chicago in 92, we are forced to the conclusion that if Oregon is to have a building at all it must be made of one kind of material only—mosbaks.

The Reporter man used good judgment last week in giving very extended accounts of the closing exercises of the public schools and the college at McMinnville. Heretofore the papers of that town have not displayed any very great amount of zeal for the educational interests of the place and a change in this regard is noticeable.

The national association of editors will be held at St. Paul, Minn. July 14th. The Oregon delegates to the convention will be H. W. Scott, L. Samuel, O. P. Mason, Portland; E. C. Pentland, Independence; Chas. Nickell, Jacksonville; J. M. Moran, Eugene; J. Mitchell, The Dalles. The Oregon Press Association will be held this year at Astoria, August 27, 28, 29th.

The Alta California the oldest daily in California has suspended. Col. John P. Irish the democratic orator who came up here a couple of years ago to tell Oregon democrats how to run a campaign, has been editor of the Alta for the last few years. He seems to have made as bad a failure in the management of the paper as he did in the management of the campaign.

The Reporter calls Gov. Penneyer to time for his failure to appoint Yamhill democrats to lucrative positions. It is generally conceded, brother Barnhart, that all the really great men in Oregon got their start in Yamhill, but for some unexplained reason such men are never recognized until after they remove from our county. The governor, not desiring to break the record, is simply waiting for some of the brethren to depart from our borders. See?

The Union Pacific railroad company has again demonstrated its innate meanness and utter disregard for the wishes of the people, by buying and tying up a steamer which the Dalles, people were about to purchase in order to cheapen transportation rates of wool and grain to the seaboard. When they want a big loan they go to the government, which is the people, and get it, and when they have been thus accommodated they set about to steal from their benefactors enough to make it up. The people of eastern Oregon will have to grin and bear it. "It's hard on dad, but it's the makin' of the pup."

There was when Americans thought it the thing to boast that this country was to be a haven for the poor and oppressed of every land, but we are of the opinion that the haven business is getting just a little bit overdone. One day last week 5300 foreigners landed at New York. When we consider that these people are crowding out American born workmen in our shops and mills, forcing down prices of labor, as well as forcing down the popular sentiment for a higher standard of morality in our nation, then it is that we are led to question whether this tide ought not to be checked. The advantages of America should be enjoyed first by Americans, and not until every honest man has labor to perform, and adequate pay for the same, and the demands for increased manufacture call for more laborers, should this class of people be welcomed our shores.

A GREAT many orchards have been set in this valley during the past six months and many of them by persons of no experience in the care and cultivation of fruit trees. We don't lay claim to any great amount of knowledge in this business ourselves but we are aware from observation in the past that we are on the safe side when we urge upon everyone who has an orchard the great necessity for thorough cultivation. The orchardist who neglects this is simply throwing his time and money away when he sets an orchard. With proper cultivation young trees make a wonderful growth without irrigation although our summers are very dry. We are often laughed at by Californians who are accustomed to keeping their orchards in the highest state of cultivation. To illustrate what is meant by thorough and clean cultivation the following contract made by A. T. Hatch one of the most successful fruit growers of California, which is said to be a fair sample of the California method. The contract price was \$12.50 per acre, and includes the following specified operations. First. Plow away from the trees, followed by harrowing. Second. Plow toward the trees, followed by harrowing. Ten summer workings with cultivator or weeder. Five hand hoeings around the trees.

It is the judgment of a Chicago Tribune writer that "if the pension rolls were investigated and cleaned up under a fair construction of the law fully one-fourth the names would be taken off as having no legal right there." It would be one of the biggest cleaning-up jobs ever undertaken in Washington: but the coming congress will have to roll up its sleeves and go at it resolutely.—Portland Dispatch.

CALIFORNIA believes in advertising. She also believes in reaping the benefits of it. A proposition has been made to the World's Fair committee by the Californians that they be allowed to sell their fruit in the building set apart for the state exhibit. This is a little the closest piece of business in connection with the exposition so far. The committee decided that if California makes an exhibit she does it at her own expense, and if she conducts a fruit stand she will be expected to "divvy" just the same as any one else. Right.

PEACH TREE BORER.
 It is the general belief that this borer works only at the base of the peach tree or other trees on which it works. Having examined many trees and finding the larvae as often on the main branches four or five feet from the ground, I have concluded that the female must lay her eggs as often in the higher portions of the tree as she does near its base. Saunders says: "Nor does the insect always confine itself to the base of the tree; occasionally it attacks the trunk further up, and sometimes the forks of the limbs." I do not believe that the larvae pupate in the soil under the tree, but in the burrows or crevices under the bark. I have found pupa in their cocoons in the crevices of the bark three and four feet from the soil. This borer is easily prevented from killing trees. It never bores deep into the wood as it lives only on the cambium layer and sap wood. It is easily removed when once in the tree with a sharp knife and a good sharp tree scraper. They should be removed in the fall, winter or early spring. It is a good winter job when the weather is mild. After scraping the trees during the winter, apply a thick paint in May and June, made with ingredients in the following proportion; one quart soft soap, four ounces sal soda; apply first coat May 1, and second coat on June 1. Apply on a clear, drying day and the paint will dry quickly and from a glistening coat. The female appears in the north as early as May 20, and possibly earlier. The first coat will prevent the earliest from depositing their eggs, and as the first coat will gradually wash off, the second coat a month later will replace the first in time to continue the protection through the remainder of the ovipositing period. This wash will also prevent the attacks of the flat-headed apple tree borer which often attacks the peach tree, and also will destroy lichens and protozoans that live on the body and branches.

If the above wash is persistently used every spring, smooth healthy bodies and branches of the trees will be the pleasurable result. Wood-ashes makes a good substitute for the sal soda.—Thos. L. BRUNK, Maryland Agricultural College.

NOTES ON FLOWER CULTURE.
 Old Sorts—Plants of difficult cultivation, or new, often costly, varieties, are not, in the main, the best for general cultivation, however beautiful and admirable they may be; nor the old varieties always eclipsed by them. A perfect forest of old-fashioned and hardy flowers, with excessively bright and variegated lines and sweet fragrance profusely blended together, may be had about the humblest cottage; for it may be said of such that they are not respecters of persons or things, nor hesitate to ask for whom they are to grow and exhibit their charms.

However, with some knowledge of the business and proper care, most of the less hardy plants, or those of difficult management, may be successfully cultivated. The essential points with all are proper soil, moisture, warmth, air and light. A room without sufficient ventilation, or a window too much exposed to the glaring sun, often prove injurious, especially to the less hardy plants. The air in a close room is soon exhausted of its vitalizing principles by plants placed therein, and they suffer in consequence as animals do similarly situated. To place tender plants, especially, in a window exposed to the meridian rays of the sun closed within, as is often done, with bright curtains, is to place them, as it were, in the focus of the heat reflected from all the sun's surface around them, and without free circulation of fresh air to lower the temperature, they can but perish. Both for the room and the window, therefore, a free circulation of fresh air must be had if well developed flowers are produced.

The soil for flowering plants should be suited to their requirements as nearly as possible. Rich loam is, however, almost universally adaptable, while well rotted stable manure, in the main, is the best fertilizer. An excellent soil may be obtained by composting or mixing loam, leaf-mould, peat (or in lieu of it, turf) and sand; these should be well intermixed and frequently moistened with liquid drawn from manure. Leaves and turf with manure, or the liquid if used, may be piled every fall and left to rot, and thus a supply of soil be kept up.—JAMES I. BAIRD, N. Y. American Garden.

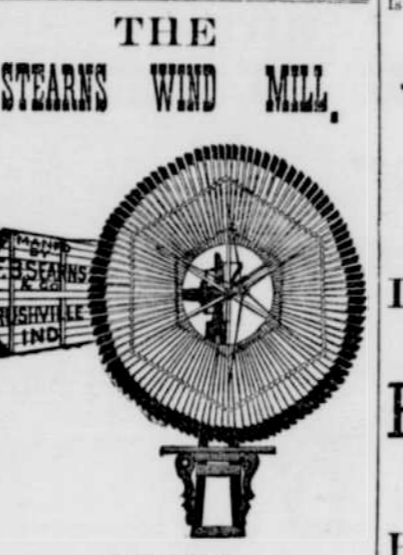
A NEW RED RASPBERRY THE MERKEL.
 The Merkel raspberry is wholly distinct from all other varieties, and possesses several very valuable qualities. The great peculiarity about it is, that it does not throw up any suckers or root sprouts, as the other red varieties so objectionably do. The plants form very large, tree-

like bushes that are perfectly hardy and exceedingly productive. The berries are firm and of excellent quality, having a remarkable currant flavor, which gives them a pleasant, sprightly taste. In color, they are somewhat darker than the Cuthbert size and shape, about the same as the Gregg. Owing to its non-sucker habit and its great productiveness, the Merkel bids fair to supersede all the other red varieties.—American Garden.

THE FRUIT EPOCH.
 The first carload of cherries has left Vacaville for the East, and from this time on until the orange season begins again we will be sending some kind of luscious stone fruits by the carload to Eastern consumers almost every day. Thus does one crop of California fruit follow another in quick succession, and the fruit trains roll continuously all round the year. We have no fruit season here, for the seasons are simply marked by the change of one kind of fruit to another. We have entered, as it were, into a fruit epoch; a time when every month has its harvest, and when the succession from cherries and apricots to grapes and olives, and so on to oranges and lemons, moves with scarcely a break from year to year. Nor has this epoch yet reached its prime. Every prospect promises that it will flourish and increase for a long time to come, and attain at last a condition in which not a single day shall pass without starting a carload of fruit of some kind from California to the East.—San Jose Mercury.

Californians are ahead of us in fruit culture because they have been making it a business for a longer time and are now reaping a harvest. They can successfully raise varieties that we can't while we succeed with some others that they fail with. Let our people get down to business and we will be shipping fruit to the east in such quantities as will compare more favorably with the shipments from our neighboring state.

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