

SHALL I SET AN ORCHARD?

Dayton, Or., March 8th, 1900. EDITOR REPORTER: This question is being seriously debated by many per-sons at the present time. If you mean by this a small orchard of a hundred trees or so, for home use, the answer should almost invariably be yes, for there are few locations on the Pacific coast where such an orchard would not pay for the outlay. But if you mean a mer-cantile orchard, to be depended upon as a regular part of the income of the farm, or as a business by itself, a great deal of study and examination and counting of cost should precede the undertaking. In the old days it was thought that the whole Willamette valley was first-class orchard land, but since the introduction of the apple canker, wooly aphis, codlin moth and a host of other annoyances, only the choicest locations will pay for the extra expense of fighting these pests. We must have the whole possible force We must have the whole possession of nature enlisted for us if we would suc-What is good orchard land? general test is, land that will grov ter wheat to perfection will probably Still do not choose any grow apples. location where the water stands in the ten or twenty. And yet half the old orinches of the surface for months at a

There are two locations where every

The red hills probability is favorable. and the made land of the Willamette river bottoms. I have little personal experience with the hills, but I know that most of the great mercantile orchards both of apples and prones are located in For prunes I think the preference is with the hills, They do not seem quite as liable to late frosts as the bottoms, and so far there are few insect enemies to bother them. Peaches will grow to advantage nowhere but in the bottoms and are very unreliable there. For apples I would always choose a bottom orchard. First, on account of You will generally find it made land, or river deposit from ten to forty feet deep. It is therefore of inexhaustible fertility. This soil is deposited season. upon old gravel bars which reach from bluff to bluff through the bottoms. This gives the best conceivable drainage, for the water in the soil always stands on the level with the river, which is below line in summer and above during the high water of winter. The first bench or lowest bottom is the ideal location for an apple orchard. This is about sixteen feet above low water and about eight feet above the ordinary winter stage-I use the figures that apply to my place, ten miles east of Mc-Minnville, but I suppose other locations might be somewhat different. chard set in such a location will be completely immersed several times every by floods, the water standing over the trees from three or four days to as much as two weeks at a time. How many codlin moth do you suppose will live through such an experience? All insects are thus destroyed and we have practically clean orchards. A few moth wander in from other orchards but do very little harm. I lately read an account of a man who boasted he had saved ninety per cent of his apples by spraying eight times. I have not lost five per cent of mine and do not spray at all. I find the rich soil induces such luxuriant growth that the black spot or canker does not effect the trees as badly as on the prairies. All trees grow much faster and ranker than on the hills, but are two or three years longer coming of Willamette bottom land of the character described. I would say, by all means set it to apples. Of course we must use judgment as to land that would wash or be liable to drift. A year ago I set a young orchard of one thousand set a young orchard of one thousand of the water has druggists.

S. Mearkie, general inecounty. Pennsyl. the surface rock show \$6.50 per ton silver and some gold.—Grants Pass throat and lung troubles. Relieves at once. Rogers Bros.

been over them four times this winter A Vigorous Kick For Good Roads and good prospects for another immers-At one time part of the trees were under water two weeks without harm, as far as I can see. Some older trees are budding to blossom now. Even a prune is ready to burst into bloom which has taken all these baths, but I would con-

fine prunes to the next higher bench.
What varieties of apples are best? Again the answer depends on the motive of setting. For a small orchard for home use, set a large variety. Indulge your own tastes and wishes. For a mercantile orchard set but few varieties. I have set only two, the Baldwin and Ben Davis, in equal quantities. Both are large, red apples. The Baldwin ripens in early winter, the Ben Davis keeps till late in the spring. These will both sell, the Baldwin for quality, the Ben Davis because it has no competitor

Is the prospect for future prices good? I think there is room for doubt. Apples are now being set by the million. When they all bear there is great danger of a glutted market. This would unquestionably be the case were it not for the ravages of fruit pests, especially the codlin bicycle path in the winter months, then moth. I think clean apples will always why is it the bicycles do not use it? If ground for any length of time, even two feet from the surface. Far better if it is setting with a view to drying as well as setting with a view to drying as well as public highway, it is undoubtedly there selling. To do this you should provide for the good of the public. If they have chards on Oregon prairies are on land in which the water stands within a few later of the public. If they have no right to the season of five or six months. There is no money in raising apples to sell to a dryer, but you can provide yourselves with remonerative employment, which is our greatest need. You will have to build and run your own dryer to make it pay. For an orchard of this character, which we will suppose consists of a thousand trees, I would set in the following proportions: Red Astrachan, Wax-Gravenstein and King, one each Baldwin and Ben Davis, two each. This would give a succession of the finest of drying fruit, beginning in August and running for six months or over if de-Thus a small dryer and a few hands could handle a large crop. Such an investment would be safe and sure to provide an immense amount of work at remunerative wages. All these varieties are the finest shipping apples in their

> If you would enter a rushing, hurrying, driving business, where both risk and possible profit are very great, set a large prune orchard. Then you will be obliged to employ a host of hands and have an immense dryer and do your work of harvesting in ten or fifteen days. Ii you have a good location this is very profitable, but the outlay and risk is al ost ten to one as compared with apples. The most successful prune orchards are upon the lower reaches of the red hills, or the higher benches of the river bot-toms. Few locations on the prairies are

If you intend to set an orchard this spring, set at once. The fall is the best time to set trees on the uplands. The spring, in the bottoms liable to over-FRED L. POST.

Cure a Cold in One Day.

Take Laxative Bromo Quinine tablets. All druggists refund money if it fails to cured one officer last year, they can cure. The genuine has L. B. Q. on each tablet. For sale by Rogers Bros.

We have saved many doctor bills since we began using Chamberlain's Cough However republicans have heard the Remedy in our home. We keep a bot-chuckle of delight.—Hillsboro Intle open all the time and whenever any of my family or myself begin to catch cold we begin to use the cough remedy, and as a result we never have to send away for a doctor and incur a large doc-tor bill, for Chamberlain's Cough Remedy never fails to cure. It is certainly a The locators claim to have traced the medicine of great merit and worth.-D. S. Mearkle, general merchant and farm-

EDITOR REPORTER: I read in the 'Oregonian, weekly" that Oregon City is raising a large sum of money for the purpose of making her leading roads good. Such an act reflects on the enterprise of the city, and it would reflect more to the credit of McMinnville to do the same thing, for nowhere in this valley is there such disgraceful road work done as in this vicinity. Go which way you will, the highways in places are virtually impassible, because the intelligent supervisors will not study the laws of drainage. Note the piece of road in the city by the public schools, east note it, either point of the compass, and yet McMinnville expects the farming community to patronize her. Doos she hold out any inducements? Look at the disgraceful holes on the road to Whiteson; look either way and find the same, and yet she has spies out to arrest travelers from riding on the so called that ends the question. If there is a I would advise they do not use it, then being part of the wagon road and should be fined for trespass-it is a poor rule that will not work both ways. I claim that the whole thing is illegal and should be brought before the supreme court for decision. The bicycle is a vehicle and should use the vehicle road, and that if there is any path at all it should be for foot passengers. I do not believe that the law can discriminate between a few and general public in such a question. More than that the bicycles are doubly taxed, which is arbitrary law. The money if legal to be collected, should be placed on the highway for the good of the pub-A path for footmen is a part of the road law, and is more essential in the winter months than is the bicycle path. We have 60 feet of highway in the full intent of the road law, as known generally, yet in a thousand and one places there is only room for a wagon track. What is the use of 60 feet and that often impassible. A traveler has no right to tear a man's fence down to get by, and he must traverse the whole 60 feet if possible to find a way through. Hence the reason be gets on to the so-called public must foot the bills. accident to barness, etc., the county should be made to pay the costs. Look the railroad crossing this side of Whiteson. Such a disgraceful place should be fixed and the railroad company should be made to do it. It is on their CITIZEN.

It is stated that the demo-populists in this county have made a combination and that the union is perfect. The leaders claim that in asmuch as they broke through and seagain do the same thing and that fully a half of the ticket can be elected next June. The work so far done has been quiet and republicans have hardly realized what is going on chuckle of delight.-Hillsboro Independent.

Wonp comes from Roseburg that a ledge of silver has been discovered about 20 miles northeast of that place.

COUNTY COMMISSIONERS.

Contract for furnishing 15 cords of second-growth fir let to M. F. Kirk for hands in trying to whip the Boers at \$1.65 per cord. Contract for 25 cords of they had when they tried to whip us." oak pole wood at \$2 per cord let to same Polling place in Willamette precinct changed to Hopewell on petition of J. M.

Kirkwood and 70 others.

Road matter of L. F. Hall and others ontinued till next term

istricts were let as follows: D P Trullinger, dist 1, \$10; dist 4, \$8. C L Smith, dist 2, \$8; dist 3, \$7.50. C K Spaulding Logging Co, dists 5, 6, 8, 9, \$8. F R Wilson, dists 10, 18 and 22, \$7.90

dist 24, \$8.50.

H Bailey, dists 11 and 23, \$8; dists 12, 13 and 14, \$7.50; dist 17, \$7.25.

Daniel & Agee, dists 15 and 27, \$7.50.

Loban Bros., dists 16 and 25, \$7.50.

Loban Bros., dists 16 and 25, \$7.50.

Hugh Patterson was for the person of Min

\$6.75; 31, \$8.50. Parker & Jones, dist 29, \$7

Jack & Timberlake, dist 30, \$8.

bert for \$34. HILLS ALLOWED Glass & Prudhomme, supplies . . \$ 74 85 W L Hembree, ink. Newberg Graphic, adv'g Oregon Telephone Co, rent Osman Royal, medical attendice M M Ranch, mdse for poor. acobson & Co, Jas Edson, overpaid tax Telephone-Register, adv'g Yamhill Reporter, Dayton Journal, the Valley Transcript, prtg and advg Conover & Co, ' Valley Transcript, del tax list Yamhill Reporter, D I Pierce, per diem R P Bird, salary.... F S Harding, express. IN Branson, per Geo Cone, care of poor.

women of the state of Kentucky have sey. issued a protest against the carrying of concealed weapons, and their action strikes at the root of the lawlessness that disgraces the state. There, is a law in Kentucky as in nearly, if bicycle path and pays \$10 and costs to not all, the other states, against the some time. He arrived just in time to keep up little offices. And the farming carrying of hidden firearms. The see his brother die on Saturday morning. in Kentucky, and it would put an end | 10 days old, and was a native Oregonian. to the bloody affairs that have made the blue grass state in truth "a dark and bloody ground.

> It takes but a minute to overcome by the use of One Minute Cough Cure. average depth of six feet and an average This remedy quickly cures all forms of width of 10 feet and will be near 25 miles throat and lung troubles. Harmless and pleasant to take. It prevents con-sumption. A famous specific for grippe and its after effects. Rogers Bros.

Mrs. Virginia Meek, relict of the famous trapper and scout, Joseph Meek, died at the home of her son, S. A. D.

croppings for four miles. Assays of croup. It's an infallible cure for coughs, the surface rock show \$6.50 per_ton colds, grippe, pneumonia, bronchitis and

LOCAL NEWS.

Largest stock of bulk garden seeds at Daniels' produce market.

Wanted-Wool and mohair, by M. B. Hendrick. Another sign of spring: the editors are receiving garden seeds from Washing-

Mrs. Frank Wright of Amity returned

home Monday after a visit with friends The regular meetings of the W. C. T.

U. will be held on Fridays at 2:30 o'clock in Union block. Attorney M. D. L. Rhodes of this city

was last week admitted to practice in the United States courts. In the new census enumeration under

will have eleven enumerators. The Eugene Guard has Lair Thompson's oration subject "Evolution, Our

Supervisor C. B. Winn, Yamhill county

National Policy." Try again. Holt Turner, an old-time McMinnville boy, is in the city this week, repre senting the Avery Thresher Co.

Died-At Lafayette, March 11th, of consumption, Miss Edith M. Pullen, aged about 18 years. Burial was made on Tuesday, at Columbia Slough ceme-

Mr. CarleP. Fuchs, the cigar man from McMinnville, was in the city, also Arch Peery from the same place to look up a location for a drug store.-Tillamook Headlight.

Our dummy electric lights are attracting the attention of the show boys. One of them slammed Oregon pretty hard when he said the dummies indicated the high water mark.

Mrs. Pratt Sitton is expected to return home from Watsonville, Calif., tomorrow, where she has been several weeks in the hope of finding relief from rheumatism. We understand the improvement has been but slight.

It is reported that Representative J. W. Maxwell has another political bee in his bonnet and is constructing his polithis bonnet and is constructing his political fences with the hope of securing derare out of order. the nomination for joint state senator .-Tillamook Headlight.

engagement to Mrs. Barry of Astoria was true, Governor Geer said: "I think the British have as hard a job on their to hold water and scalding pain in passing hands in trying to whip the Boers as it, or bad effects following use of liquor,

Dr. J. W. Watts was up from Lafayette during the day, and to get up many times on Monday, for the first time since the September term of court. He was looking quite well, with the exception of his inability to walk without crutches. inability to walk without crutches. If you need a medicine you should have the Lumber contracts for the various road These he will probably never be able to best. Sold by druggists in 50c, and \$1. sizes.

Wool and moliair are commanding a good price. Mr. Hendrick, who is adabook that tells more about it, both sent absolutely free by mail, vertising for these staples, quotes present prices at 20c for wool and 30c for Co., Binghamton, N. Y. When writing menmohair. Goat shearing has commenced, tion reading this generous offer in this paper. and sheep shearing will be the order

Hugh Patterson was found guilty of rape on the person of Minnie Thorn, in Rowell Bros. dist 21, \$8; 26, \$7.75; 28, the trial at Roseburg last week, and sentenced to five years in the penitentiary by Judge Hamilton. This is the Contract for widening bridge across culmination of the box car episode about Yambill at McMinnville let to R M Gil- which you read several weeks ago, and it serves the rascal about right.

Oregon song birds are protected by 2 20 law. The wanton killing of the harmless feathered songsters by unthinking boys must be stopped, else the penalties oo of the law will be enforced. Game 14 13 Warden Quimby authorizes a reward of 10 95 \$10 for the arrest and conviction of anyone killing birds described in the first 1 50 section of the law.

Brother Shaw and company, you and all other visitors and strangers are cor-30 dially invited to attend the services at 85 30 the Christian church next Lord's day. 20 Morning and evening the subjects to be 66 65 discussed are as follows: Morning sub-80 ject, "The Conundrums of a Great 10 00 Woman." Evening subject, Theater, and the Greatest Actor of the Age." It is reported that fifteen hundred All are cordially invited.-Arnold Lind-

John R. Booth returned from Woods on Monday, whither he went the previous Friday to visit his brother Wm. J. Booth, who had been seriously ill for Louisville women urge that severe W. J. Booth had been postmaster at penalties be inflicted by the courts Woods for thirteen years, until last fall, on all who disregard the law. Noth- when he turned the office over to his ing could work a greater change wife. He was 52 years, one month and

A proposition is now under consideration by the people of Medford and vicinity for a canal carrying water from Little Butte creek to a point near Medtickling in the throat and to stop a cough ford. The proposed ditch is to have an width of 10 feet and will be near 25 miles in length. It will be used to irrigate the large area of now arid land north of Medford, known as the "desert," and to furnish the town of Medford with water

NOTICE OF FINAL SETTLE BENT.

Meek, at Glencoe, on the 8th inst., aged 80 years.

Mr. J. Sheer, Sedalia, Mo., saved his child's life by One Minute Cough Cure. Doctors had given her up to die with croup. It's an infallible cure for coughs, colds, grippe, pneumonia, bronchitis and throat and lung troubles. Relieves at once. Rogers Bros.

NOTICE is hereby given that the undersigned has duly filed in the County Court for Yambili county, State of Oregon, his final account as administrator of the estate of A. May Sawyer, deceased, and said court has set Tuesday, the 1st day of May, A. D. 1900, at the bour of one o'clock in the afternoon of said day, as the time, and the county court room in the court house at McMinnville, in said county, as the place to hear said final account, and of objections thereto, and to the settlement thereof. Dated this March 1stb, A. D. 1900, 13-5 C. S. WILLIAMSON, Administrator of the estate of A. May Sawyer, deceased,

SOUTH AND EAST

OUTHERN * PACIFIC * COMPANY

The Shasta Route

Trains leave McMinnville for Portland and way stations at 5:58 a.m., and 3:06 p. m. Leave for Corvallis at 10 a.m.

44	Albany 12:30 p. ms	4:35	a.	m.	
41	Ogden	11:45 9:00	n.	"II.	

25 a. m. 725 a. m. 145 a. m. 9:30 a. m. 1

1.20 p. m. 7.00 a. m. 6.00 p. m. 6.00 p. m. 6.30 a. m. 6.30 a. m. 9.55 a. m. 9.55 a. m. 4.00 a. m. 4.00 a. m. 6.25 p. m. 6.25 p. m. 6.42 a. m. 6.42 a. m. 12.43 p. m. 12.43 p. m. Pullman and Tourist cars on both trains. hair cars Sacramento to Ogden and El Paso, and Tourist cars to Chicago, St. Louis, New Or-gans and Washington.

New Orleans

Connecting at San Francisco with several teamship lines for Honolulu, Japan, China, Philippines, Central and South America.

See MR. W. MERRIMAN, agent at McMinn-

C. H. MARKHAM. Gen. Passenger Agent.

Thousands Have Kidney Trouble and Don't Know it.

How To Find Out.

Fill a bottle or common glass with your water and let it stand twenty-four hours; a sediment or settling indicates an



pass it or pain in What to Do. There is comfort in the knowledge so often expressed, that Dr. Kilmer's Swamp-When asked whether the report of his Root, the great kidney remedy fulfills every wine or beer, and overcomes that unpleasant

Dyspepsia Cure. Digests what you eat.

It artificially digests the food and aids Nature in strengthening and reconstructing the exhausted digestive organs. It is the latest discovered digestant and tonic. No other preparation can approach it in efficiency. It instantly relieves and permanently cures Dyspepsia, Indigestion, Heartburn, Flatulence, Sour Stomach, Nausea, SickHeadache, Gastralgia, Cramps, and all other results of imperfect digestion Prepared by E. C. DeWitt & Co., Chicago

ROGERS BROS.



Sold by S. Howorth & Co.

ADMINISTRATOR'S NOTICE.

NOTICE is hereby given that the undersigned has been by the County Court of Yambill county, Oregon, dn'y appointed administrator of the estate of Wasson S. Bagley, deceased.

Now therefore, all persons having claims against said estate are hereby notified and required to present the same duly verified to the undersigned, at his residence in Lafayette, Yambill county, Oregon, within six months from the date hereof.

Dated February 20th, 1900.

J. H. OLDS.

Administrator of the estate of Watson S. I ley, deceased. R. L. CONNER, Attorney for said Estate.