

## Small Orchards

Bearing and Young Groves on Easy Terms

We have subdivided into small tracts the famous Gold Range Orchard, two miles south of Medford, adjoining the Bear Creek and Burrell orchards, and now offer a limited number of the choicest orchard tracts for sale on reasonable terms.

This is your opportunity to secure bearing orchard, or young orchard, or both bearing and young orchard, consisting of the choicest varieties of pears and apples. The tracts range in size from five to 27 acres. The soil is the best in the valley—Bear creek bottom land. The old trees on these tracts have produced record breaking crops that brought record prices in eastern markets for years past.

No such chance was ever offered before to secure such orchard tracts.

**Rogue River Investment Co.**

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H. C. BONNEY

PHONE NO 2281.

## GOLDEN GATE CEMENT

At SHORTY GARNETT'S

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line of high-grade Canned Goods most complete. Our service always the best and every accommodation given our customers.

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## STUDY SUBSOILS BEFORE PLANTING

Irrigation Great Benefit if Favorable Conditions Exist—Under-Drainage Necessary.

The apple and pear, to be a source of profit here, should be planted on the best alluvial soils along the streams, or if the hill lands are chosen, they must be deep, and a greater depth would be better. There are no soils too good and rich to grow the best apples and pears, says A. H. Carson in his annual report as horticultural commissioner for this district. The success and profits of the Rogue River valley apple and pear grower are in proportion to the good quality of the soil his orchards are planted on and the attention he gives to details in its management. As shallow soil will spell failure if planted to the apple and pear, unless water is available for irrigation during the months of August and September. However, it must be remembered that not all shallow soils are adapted to irrigation. To irrigate with profit, the subsoil must be right. If the subsoil is wrong, irrigation would be detrimental. A shallow loam soil two and one-half feet deep, resting on decomposed bedrock or broken bedrock or loose gravel would be all right for irrigation.

### Irrigation Beneficial

Irrigation, if intelligently done, would be a great benefit to an apple or pear orchard on such land, for the reason that the surplus water in irrigating would readily drain off through the gravel and bedrock without injury to the growing tree, on the other hand, should a shallow soil rest on a clay subsoil or a cement hardpan, irrigation would be detrimental to the growing of apple and pear trees. To successfully irrigate fruit trees on any of our soils here under drainage must be had to carry off the surplus water during the irrigation period. These shallow soils with a clay subsoil or cement hardpan can be made available for apple and pear growing by tiling to a depth of not less than five feet.

### Must Understand Subsoil

Where irrigation is resorted to the conditions of the subsoil in relation to the growth of the tree must be intelligently understood. The mechanical effect on shallow soils by under drainage with tile is to deepen the soil to the depth the tile is laid. During winter rains the surplus water where land is tiled is drained through the soil and passes off through the tile, preventing the fruit tree from injury from excessive moisture during protracted rain, storms of winter, keeping it healthy and vigorous during the dormant period, so that when it quickens into growth in the spring it is in the best possible condition to grow and responds to the skill and cultivation of its owner. Again, while the mechanical effect of under-drainage is to deepen the soil and carry off the surplus moisture, paradoxical as it may appear, under-drainage makes these shallow soils moist during the growing period. During the growing period the moisture-laden air passes through the tile and its moisture is condensed and left in the soil for the growing tree. In fact with thorough, intelligent cultivation where these shallow soils are properly underdrained, but little water is necessary for irrigation during the driest season.

### Study Orchard Soil

On any of these shallow soils, where the exposure is right, grapes can be profitably grown without under-drainage, and, with a depth of three or more feet, the peach can be grown with good cultivation.

As to the variety of climate and soils in various counties in the Third district and annual precipitation had in each county, I hope by a detailed description of each county to give the prospective settler some data that will enable him to intelligently judge soil conditions that will be congenial to the fruit he may desire to grow.

Mrs. Gay Moore, daughter of Mr. and Mrs. G. P. Bush, has returned to Fouts Creek after a fortnight's visit.

Mrs. M. E. Middlebush, hotel-keeper and postmistress of Trail, is visiting Medford.

# LAND IS THE BASIS OF ALL WEALTH

Have you bought or are you developing an orchard tract, or are you one of those who will regret their neglect in three or four years.

Our price, terms and planting offer on **CRESTBROOK ORCHARD TRACTS**

makes it very easy to carry them as an investment.

We shall be pleased to have you view this property

**Oregon Orchard Syndicate**

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To Orchardists and those

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