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ADVERTISING RATES ON APPLICATION

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THURSDAY March 14, 1907

The four years term of Miss Anne M. Lang, the Receiver of The Dalles land office, expired this month...

NEW SHEEP COMMISSION

Governor Chamberlain has announced the appointment of the State Board of Sheep Commissioners...

Mr. Boylen, who will represent the second district on the commission, was until recently manager of the Prineville Land & Livestock Co. at Muddy.

TAXPAYERS REGARDED THERE

That the plans for the improvement of the court house, as recently outlined, will be abandoned, has practically been decided upon by the members of the Marion county court.

ham and Goulet do not feel that they care to go ahead with the work, since the undertaking would place a great responsibility upon their shoulders...

The absolute disregard of the numerous remonstrances against the building of the new courthouse in this county is in striking contrast to the action of the Marion county officials.

It is not an exaggeration to say that Oregon, alone of all the states and territories of the Union, still offers to the settler advantages as great as, and in many respects greater than, were enjoyed by the pioneers of the days when the West was young.

All these natural advantages combine to make Oregon the ideal poor man's country. In the exploitation of these great resources there is furnished a market for labor that will increase with each passing year.

A little flurry of snow accompanied by a drop in the temperature last Sunday and Monday threatened to develop into a repetition of the March storm of last year, but it blew over and we are again enjoying fine Spring weather.

"All roads lead to Oregon" is the declaration of the railroad advertisements concerning colonist rates. This is very pleasing as far as it goes, but what we have been complaining about is that they don't lead to all parts of Oregon.

SCIENTIFIC FARMING

Points about conserving moisture in the soil, the most essential point in successful crop raising in districts where rainfall is light.

CAMPBELL AND DRY FARMING

The Scientific Farmer, in an editorial on the Dry Farming Congress, pays the following tribute to Mr. H. W. Campbell, originator of the Campbell system of dry land farming:

"The recognized experts in 'dry farming' from all over the great semi-arid area were present, as well as some of the best known of the government men, such as Carleton and Chilcote. It argues well for this new movement that the government saw fit to send its most eminent experts. But the hero of the congress, and the man who will, so long as he lives, be looked upon as the foremost exponent of these fundamental principles, without which reclamation of the arid lands without irrigation will be impossible, was H. W. Campbell of Bethany, Nebraska.

Management of Soils

Extracts from Bulletin No. 266, by Geo. H. Failyer, of the U. S. Bureau of Soils.

Soil Management in Dry Farming

The farming operations in the semi-arid sections of the country have generally been of the roughest kind. The effort has been to grow a broad acreage of crops. In good seasons the profits have been large; in dry years the losses were not considered to be so great as if better farming had been practiced.

It is not to be expected in the semi-arid regions that any method of farming without irrigation will insure crops in all years. There will be years of such light rainfall or of rainfall so poorly distributed that the best system rigorously applied will not prevent crop failures.

Successful management of soils under semi-arid conditions requires that thought and effort be directed to accomplish these three things:

- 1. The collection within the soil of all water falling upon it.
2. The retention within the soil of the water it has absorbed.
3. The growth of crops that thrive well under semi-arid conditions.

Storing Water in Soils

In dry farming (farming without irrigation) in the semi-arid regions the quantity of water available to plants is the limiting condition of success. Land is abundant and cheap and the soil is fertile. Water is the one element that may be needed to produce a crop.

tion the lands are generally level and in this respect every opportunity is given the farmer to save the water. To enable the water to run down quickly into the lower soil, a deep bed of porous soil should be prepared. This does not mean that the soil should necessarily be loose and open with large air spaces.

Packing The Soil

In the process of plowing, the furrow slice is completely separated from the soil below. Trash of various kinds is often turned under, further separating the two. This loosened soil should be settled to re-establish connection with the lower soil.

The time when the seed bed is prepared is important. It will vary with the nature of the cropping of the land. With wheat, oats, or any crop that is harvested in the summer, the ground should be stirred as soon after the removal of the crop as possible.

If the previous crop was harvested in the Fall, a forage crop, for instance, the double disking may be done before the ground freezes. If this has not been done, it should be done as early in the Spring as the surface is dry enough.

as soon as the frost is out. The crop to be grown will, of course, determine the time of plowing. If fall wheat is to be grown, the plowing need not be done until late Spring or early Summer.

Advantage of Summer Culture

The treatment of the soil outlined above has been called summer culture by some. While quite similar to the old custom of summer fallowing, it is something more than that.

In several of the western states many of the farmers are successfully following a system by which they raise a wheat crop once in two years, storing up water in alternate years.

Plow and cultivate the land as directed for storing and retaining moisture in the soil. If at seeding time the soil is in a moist condition to a considerable depth, put the crop in, even if a crop was grown on the same ground the preceding season.

The "sub-surface packer" ordered by J. W. & M. A. Robinson & Company arrived the first of the week and was immediately bought by J. T. Robinson of Culver, who will use it in connection with all his Spring plowing.

For Sale: Pure bred White Wyandotte and Plymouth Rock eggs at \$1 per setting. C. C. Covey, Warm-springs, Oregon.

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