

DRY FARMING

A WINNER

The results obtained in the semi-arid sections of the west and south practicing dry farming have been the subject of much comment in the press all over the country. The principle of this method of farming lies in holding the moisture that is in the soil and allowing it to escape only through the growing crops. This system of farming, while not new, was first practiced and advocated by H. W. Campbell of Nebraska. In describing his method Mr. Campbell says that any man can grow crops without irrigation in any ordinary season if he will only husband the moisture as he should.

The first step to accomplish this all important result is to get over the surface of the fields with disk or harrow at the earliest possible time and loosen it, thus forming a soil mulch for three reasons or purposes: to stop evaporation, to prevent the forming of a crust and admit the air into the soil below. A few people are beginning to realize to some degree the importance of this work, not that they know just what the effect is or just why the yield is so materially increased, but they have seen the work by practical demonstration. Winter wheat fields should be harrowed for the reasons mentioned. Most fields of wheat are now too thick by 50 to 100 per cent and should be thinned to some degree in such cases and where the sub-surface or root bed has been fixed and firmed in the fitting for the crop, the harrow should set fairly straight, that it may do good to the surface. In case the seedling has been late and the plant less strongly rooted, then more care must be given as to the slant of the harrow teeth and the severity or depth of loosening.

One statement may be sufficient to direct the farmer to quite a degree in this work: Use every precaution possible to have the surface of the soil in small grain fields free from crust and with a loose mulch when the foliage or leaves of the small grain reach that stage of growth in which they cover the surface. Disk the ground early. To the average farmer who has not given thought and study to this question it may seem like a waste of time to double disk a piece of ground six to ten weeks before planting, but this is of vital importance, not only for the purpose of holding the moisture now in the soil, but to utilize the effect of the warm in early spring.

The soil beneath the loose surface becomes warm much quicker than if left crushed. The warming of this soil is very important in two ways, the first and most important advantage is the development of bacteria and intrates, which require both moisture and heat, the second is the warming of the soil so that we may promote rapid, healthy germination of the seed when planted. One point upon which we cannot put too much stress is to never let the soil dry out. We frequently hear people talk of soil being very fertile. What is the advantage of owning fertile land and persist in so handling it that the fertility is never available?

The most serious thing the average farmer does is to let the soil dry or become dried to that degree that the development of intrates or bacteria ceases. The next most serious fault is in allowing a crust to form on the surface and shutting the air from below. Much has been said about breaking the crust to prevent the loss of moisture. This is truly important, but conservation of moisture is but little more important than the free access of the air into the soil—not in volumes, but through the pores in the fine, firm moist soil. Dry farming is attracting a great deal of attention in Wyoming, Utah, Texas, and western Kansas and Nebraska, and it is no wonder that it does when land in these states at the present values can produce such tremendous crops.

One of the most successful farmers in Colorado is W. R. Forbes of Longmont. He is in the centre of one of the best irrigated districts in the state and has made as much money as any one farming under the ditch. Strange as the statement may sound however, he prefers dry farming, claiming that there is more money in it. He has been a dry farmer for seven years and has never yet experienced a failure, although he went through the dry years of 1901 and 1903 when rain fall was but 9.10 and 9.50 inches, respectively. In 1905 he farmed more than 4000 acres of land without a drop of irrigation water and last years operation were still more extensive.

Probably the greatest wheat crop grown on any farm in America was that harvested by W. S. Callaway of Yernon, Colorado. It averaged sixty-one and two-thirds bushels per acre and sixty-four bushels by weight. Not far below this was the crop harvested by John Boyd of Nunn,

Colorado, who threshed sixty bushels to the acre, cropping 180 acres. Not quite so good, yet highly satisfactory was the crop of Mr. Coffman, of Bertrand, Colorado, averaging fifty-five bushels per acre. On the Burlington Model farm at Holdrege, Nebraska, the crop averaged fifty-two bushels by weight. These crops are fairly typical of those harvested throughout the semi-arid lands by men who followed strictly scientific principles in the preparation of the soil and in after cultivation for storage of moisture.

It is still a mystery to you how farmers are becoming quarter millionaires, half millionaires and millionaires on the vast plains of the middle west?

The above article is a true and forcible illustration of the success of the Campbell system of dry farming in Colorado.

It applies with equal force to Oregon, as instances by the remarkable success of this system in the counties of Umatilla, Morrow, Gilliam, Sherman, Crook and other portions of the State—where 40 to 60 bushels of wheat are raised per acre. This system is being practiced in Crook county in a small way with remarkable success, and land that was formerly thought to be worthless is now producing large crops of grain and vegetables under the Campbell system of farming.

This system should be a greater success in central Oregon than in Colorado owing to a greater annual rainfall, absence of winds, and greater fertility of soil. In many places water may be had in this country by digging 15 to 40 feet.

There are thousands of acres of this kind of land in Crook county awaiting the settler, and it can be taken up under the free homestead act or the desert act. Crook County offers exceptional opportunities to the home seeker with its cheap land, fine climate, good water, and under the Campbell system of dry farming, thousands of fine homes can be made.

McGhee-Cowan.

Editor Journal—A pretty home wedding occurred at the Hotel Lamonta, Friday evening, May 10, when Carl McGhee and Miss Florence Cowan were united in the holy bonds of matrimony. Rev. Cregg performing the ceremony, in the presence of relatives and a few friends.

The groom is the son of Mr. and Mrs. Thomas McGhee, of Lamonta and is a bright and well liked young man, while the bride is an accomplished young lady of sterling worth. She is a daughter of Landlord and Mrs. M. T. Cowan.

After the ceremony the happy bridal couple and guests proceeded to the dining room to partake of a sumptuous wedding feast. The young couple were the recipients of many useful presents.

The bride was dressed in white Valenciennes lace, with white satin girdle, while the groom appeared in conventional black.

They will soon be at home to their friends on their ranch north of Lamonta.

J. E. Stewart & Co., have a few Buggies and Hacks left on which they are making very low prices.

Bicycles and Bicycle Sundries.

Your choice of three grades of Bicycles, with the celebrated National at the head of the list. A complete line of sundries always on hand. PRINEVILLE MACHINE SHOP.

Stray Horse.

There came to my place, May 7, a coal black horse, about 8 years old, weighs about 1100 lbs, branded blotched CY or figure 2 lying down, on left shoulder. Owner can have same by paying for this notice.

C. E. WRIGHT, Prineville, Ore.

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All the latest styles and shades in Ribbons at bedrock prices.
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Old Hats made to look like new.

Fresh Strawberries Just Received

SOAP SPECIALS—Two Weeks Only

5 Bars Three Hart, 25c 4 bars Gasene, 25c
4 Bars Tye, 25c.
25c Curry Combs for 15c. 2qt Granite Pans 10c.
2qt Granite sauce pans 10c. 1 1-2qt granite sauce pans 10c.
Fancy Glassware from 5 to 20c Fancy dishes from 5 to 20c.
Water buckets from 5 to 35c.
All kinds of 25c goods going at 5 and 10c.

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AN INSTANCE.

Lacy Suddreth, of Lenoir, N. C., had been troubled with a very bad cough for over a year. She says: "A friend brought a bottle of CHAMBERLAIN'S COUGH REMEDY, brought it to me and insisted that I should take it. I did so and to my surprise it helped me. Four bottles of it cured me of my cough."

For sale by D. P. Adamson & Co

April Reduction Sale of Ranges, Stoves and Heaters Furniture, too, Must Go

Room we must have in order to set up my wood working machinery. Therefore my stock of Ranges, Stoves and Heaters, besides all furniture made on the Pacific coast will be sold at greatly reduced rates. Come in and see for yourself. If you need anything in the stove line between now and 1908 it will pay you to get my prices.

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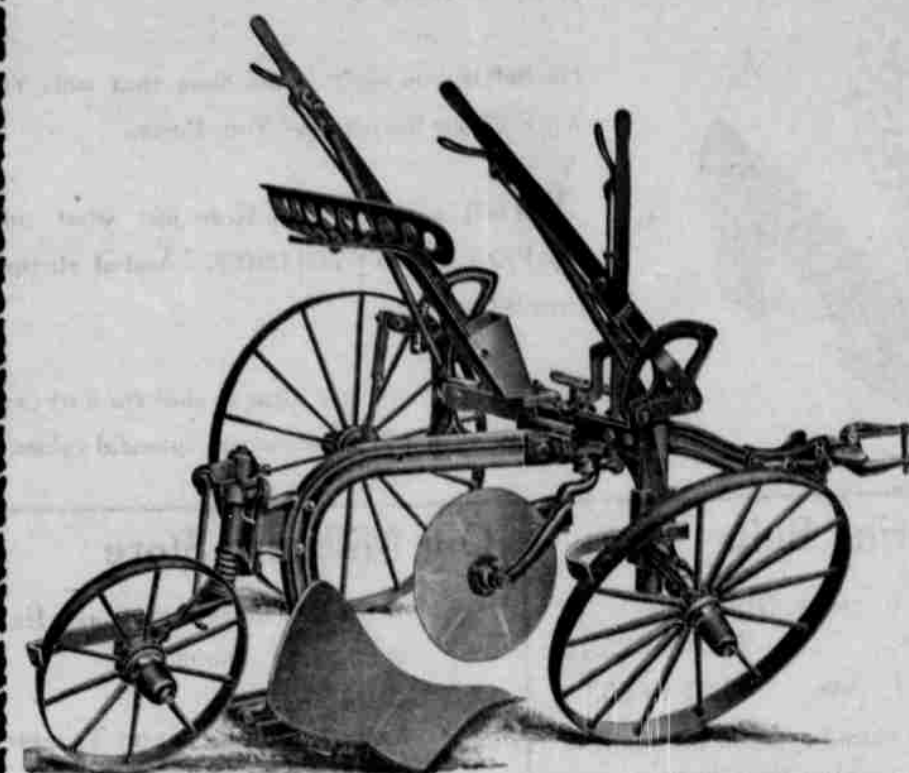
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Keep Chickens off the Streets.

From this time forward chickens must not be allowed to tan the streets. This means everybody. The city ordinance regarding this nuisance will be rigidly enforced against all violators.
J. H. Crooks, City Marshal.

Leased the Dillon Feed Yard.

Alex Baldwin has bought the lease on the Dillon Feed Yard and is now in charge of the same. He guarantees the traveling public careful attention and prompt service. A share of your patronage solicited. Teams and saddle horses to rent. Horses for sale. General team work done promptly. Country trips a specialty. Any one wishing to buy or rent horses call and see me.

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