

DRY FARMING CONGRESS.

Methods of Increasing Crop Output Will Be Discussed.

The Dry Farming congress is now organized, with some persistency and determination to be heard from in the matter of urging its claims upon the attention of the public. The faith that the promoters and operators of dry farming methods, well carried out, cannot be questioned, says the editor of the Twentieth Century Farmer. The experiences and results of careful and persistent work in crop growing efforts are the evidence that is offered in testimony of the feasibility of dry farming methods and dry farming as an industry.

It is not surprising that there are the doubtful, the skeptical, the unbeliever in converting the dry land of the arid West to agricultural purposes, the growing of crops, the cultivation of orchards and forests, the establishing of homes and the building up of commercial interests and industries on these lands; we say that it is not surprising that some hesitate, that they doubt the availability of sufficient moisture to grow crops; that they forecast seasons of drouth, etc. All these things had their period and have exerted their influence to discourage and prejudice the mind of the public as the settlement of the country has progressed westward for the last fifty years, and yet cultivation has been the civilizing influence that has conquered drouth, hot winds and the barrenness of the plains and prairie countries that are now the dependence in production.

The Fourth Dry Farming congress will hold its meeting at Billings, Montana, October 26, 27 and 28, 1909. This will not only be an institute for dry farming farmers and dry farming instructors and teachers, but it will be an exposition of dry farming products such as this or no other country has ever witnessed. There are pledged already exhibits from thirteen Western states that are engaged in dry farming work. The organization by states, to show what each is doing and capable of doing in the raising of grain and vegetable crops, without irrigation, is a feature never before undertaken in this district and promises some great surprises for visitors.

The area of tillable lands in the United States not yet turned to cultivation is comparatively small, and under present conditions of demand by the homesteader will last but a few more years at most. It is only the part of good business judgment that the dry farming districts be investigated by those who contemplate getting a home under the free homestead law. Good lands and the best locations will be the first taken. Each year will reduce the quality of lands to be disposed of as government homesteads.

The Dry Farming congress will be a good place to visit next October, in view of getting dry farming information and dry farms on which to put it into practice. The Dry Farming congress announces that there are 200,000,000 acres of arable land awaiting development by the dry farming methods.

Appropriate Breed.
"The aeronaut who is going to try that long flight will take his pet dog along."
"What kind of a dog is it?"
"A sky terrier, of course."—Baltimore American.

Information Bureau.
"Call—I wish you would tell me if there has been any change in the size of the 5 cent piece within the last ten or fifteen years."
"Man at the Desk—Decidedly there has. The 5 cent piece of ice isn't more than half as large as it used to be."

The Best Thing.
"I must congratulate Jack on his golden wedding."
"Golden wedding? Why, he's only just married!"

"I know, but the bride is worth a million."—Boston Transcript.

Hidden.
Her fatal gift of beauty
Never caused the pit-a-pat
Of anybody's heart at all
She wore a modern hat.
—Houston Post.



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FARMS AND FARMERS



Alfalfa Planting.

It should not be forgotten that the spring is the proper time to prepare the alfalfa crop that is to be planted next fall. The ground which is expected to be used for this crop should not be planted to small grain; neither should corn precede alfalfa, because the ground will not be kept free of weeds and grass. The best preparatory crop for alfalfa is cow peas; then after the vines are removed or plowed under the ground should be well broken and kept clean of weeds and grass by surface cultivation until it is seeded in alfalfa the following fall. Peanuts may be grown instead of cow peas, if the crop is considered more desirable, as it is perhaps, but they must be kept well cultivated and especially allow no earth grass to grow in the crop.—Chicago Inter Ocean.

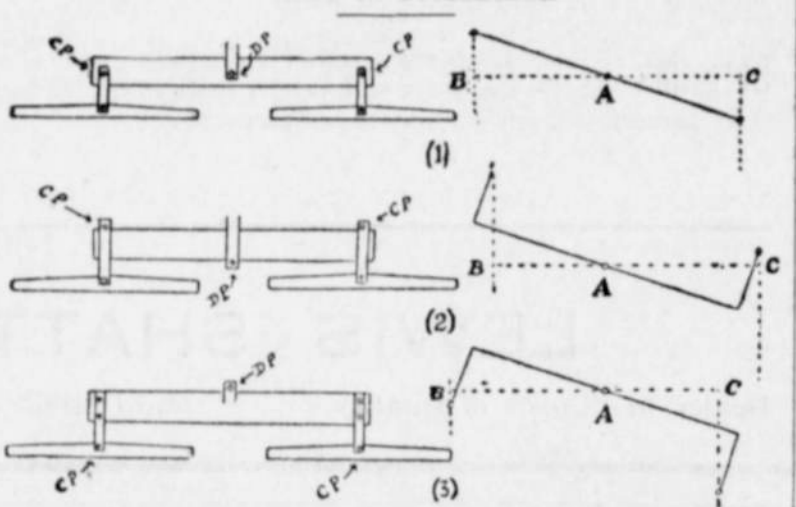
Value of a Small Stream.

An interesting example of the value of a small stream for light and power purposes may be found near Sacramento, Cal. A trout stream has been dammed up and the power in the form of electricity has been used for doing such light work as washing and ironing, also for cooking and lighting in the home of the owner. As the stream is very small during the dry months, an old miner's ditch has been dammed to form a reservoir of 100,000 cubic feet capacity. The plant cost \$1,500 and in a single year has done \$700 worth of work.

Portable Canning Machine.

A machine by which the farmer can prepare and can his fruits, tomatoes, corn, beans, or any other farm produce which can be canned, in the fields or

DRAFT ON DOUBLETREE.



There is a difference of opinion regarding the pulling ability of each horse in a team. Some are of the opinion that the horse ahead is pulling the most, and vice versa.

The draft on each horse depends entirely on the relative lengths of the lever arms, and the lengths of the lever arms depend on the position of the clevis pins with respect to the draw pin. In upper diagram (1) the clevis pins and the draw pin are in a straight line, hence the lever arm is the perpendicular distance from the draw pin (A) to the line of draft of each horse. The lever arms in this case are A. B. and A. C., which are equal, no matter how much one horse is ahead of the other. One horse always pulls the same amount as the other.

In diagram (2) the clevis pins are behind the draw pin, and when one horse pulls ahead of the other his lever arm (A. C.) becomes longer and (A. B.) the lever arm of the one behind becomes shorter. In this case the horse ahead, having a large lever arm, has the advantage and pulls less than the one behind.

In diagram (3) the clevis pins are ahead of the draw pin, and when one horse pulls ahead his lever arm shortens and the lever arm of the one behind lengthens. The horse ahead, having the lever arm shorter, pulls more than the horse behind.

Little beef scraps to the food. In the course of two weeks whole wheat can be given. This is the dry method of feeding, which is coming into vogue quite extensively. Here is another method of feeding: Mix dry two parts of corn meal, one part of finely ground wheat bran and one part of beef scraps. After they are thoroughly mixed add boiling water in sufficient quantity to make a stiff dough. Cover the vessel and let it cook. Feed the dough warm or cold, but never hot.—Denver Field and Farm.

Raising Pigs.

The cheapest way to put gains on young pigs is through the sow. She has a strong digestion and can turn coarse grains and pasture into easily digested milk. Careful experiments show that a pound of weight taken from the sow will make more than 1 pound of gain on the pigs, the flesh of the young animals containing more water. The sow should be fed to produce a high milk yield, and the pigs should be kept with her until they get to eating a full feed of grain and pasture.

Morgan Horses.

Forty years ago the Morgans were the favorite road horses. This strain traces to a single ancestor, Justin Morgan, foaled in Vermont in 1793, his blood being largely thoroughbred. From him descended the Blackhawk, Bashaw, Goldust, Ethan Allen, Ben Franklin and Gen. Knox and Daniel Lambert families. The Morgan type is short of leg, thick and round barrel, intelligent and of great courage and endurance.

Methods of Cultivation Compared.
The farmers of the North Atlantic states during the last census year each produced about \$984 worth of farm crops, while the average South Atlantic states farmer made only \$484, though the Southern farmer averaged 108 acres per farm and the Northern farmer only 96 acres.

orchards in which the vegetable or fruit is growing, is described in Popular Mechanics. Mounted on a wheelbarrow arrangement, the machine can be pushed from one orchard to another or from a tomato patch to a cornfield as necessarily requires. Water for the process is heated by a kerosene burner.

Handling Geese.

In handling geese they should always be taken by the neck, and when lifted from the ground the body should be turned with the back toward the person handling it. In that position it cannot strike, and will remain quiet and docile. The body can be partly supported by seizing the first joint of the wing with one hand. If the goose is held facing one, it will strike hard blows with its wings or scratch with its feet.

Work Hours of Farmers.

Prof. Boss of the Minnesota Agricultural College, says that statistics of the actual hours of labor on the nine hours a day in summer and between four and five in winter. Prof. Bailey of the Farm Life Commission tells the story of the schoolma'am working from 9 to 4 until she married a farmer, and had to work from 4 to 9. Moral, schoolma'ams make good wives for farmers.—Oberlin Times.

Transplanting.

In transplanting any vegetable plants let it be done in the evening, if possible. Press the soil firmly about the roots and water well. If, after the water disappears, dry earth is covered over the wet, it will prevent baking of the soil about the roots when the sun comes out next day.

Value of Quality.

Extra large specimens of vegetables are all right for exhibition purposes and to win prizes with, but they are not what the average consumer wants and is willing to pay freight on. Quality, uniformity of size and smoothness are what the average man wants.

TRUMPET CALLS.

Ham's Horn Sounds a Warning Note to the Unredeemed.



To do as Christ did we must love as He did.

Once get a man right in his heart and his feet will will not go far wrong.

Above the blackest cloud there is plenty of light.

God never changes His mind.

What men often call excuses God calls lies.

Faith without works is like a watch without hands.

Truth never stops chasing a lie around the world.

Give the Lord a chance and He will will give you a chance.

Our needs can never be greater than God's promises for their supply.

The man who delays to do the right thing is not likely to ever do it.

The preacher should not forget that the devil always goes to church.

Not what we can do but what we can bear is the real test of character.

If there is a time when God is especially close to us it is when we are in trouble.

Following Christ ought to consist in something more than wearing a red button and going to church in pleasant weather.

The man who looks toward the well-watered plains of Sodom with a longing eye will soon be wearing out shoe leather in trying to get to them.

A MISTAKEN PURPOSE.

"Yes, dogs may be all right," reluctantly admitted the nervous man, "but somehow I always was scared of 'em, and they all seem to realize the fact. This business of conquering a dog by looking him straight in the eye doesn't always work out the right way. I never cared to test the matter myself, but I knew one fellow who did. He lost part of his coat tail. And there is a foolish saying that barking dogs won't bite. Another fallacy. I once knew an old shepherd-dog that would bark and bite at the same time. I still carry a scar on my shin as a proof."

"I was farming at the time, out in Kansas, and the dog belonged on the next farm. The old fellow who owned him said he wouldn't bite. We had just moved down from the city, you know, and it was necessary for me to call at the old farmer's house for milk."

"At first Shep wouldn't allow me to enter the gate. Shep was the dog's name. I tried all sorts of inducements—called him by name in the friendliest tone as my command, or threatened him with imaginary stones. Finally the old farmer would relieve the situation by escorting me into the yard, with Shep sneaking along about two inches in the rear of my legs. Very comfortable."

"But as time went on I became better acquainted with the shepherd dog, and as long as I wore overalls and toted my milk pail, he permitted me to enter the front gate without challenge. On these occasions he assumed a benevolent air, as if he was really granting me a large favor. It was a favor."

"But one time I called on the old farmer on a matter of business, and had discarded the overalls and milk pail. As I entered the gate I saw a book agent marching boldly up the yard. The poor fellow didn't know about Shep, and he failed to see the dog as he came tearing up the lane."

"Hey, there!" I shouted, in a warning voice. "Climb that tree quick or that dog will chew you up!"

"But the poor chap didn't have time to budge, for Shep was traveling like a Kansas tornado. I shut my eyes for a moment, from sheer pity, and then opened them again to view the tragedy. That dog had passed the book agent entirely, and was still coming. He was after me."

His Postscript.
It was Saturday, and Mrs. Cushman, having arrayed Bobby in his Sunday best, was endeavoring to keep him occupied while she dressed hurriedly, pending a visit to the photographer. "Write mother a letter on your celluloid tablets," she coaxed.

Bobby looked out of the window and across the street for inspiration—and found it. His fingers moved briskly, and in less than three minutes he was displaying his letter and pressing it upon his mother's attention.

"Dear mother," she read. "The boys across the street in the Lothrop's yard are playing a new game. I should like to see it. May I go?"

"Your affectionate son, Bob."

"That is rather short, Bobby," she said, still coaxing him, with a glance at the clock. "You go back to your room and write mother a little postscript."

Bobby departed joyously, but when the last refractory hook had yielded and his mother, drawing on her gloves, hurried to his room, it was empty.

On Bobby's desk lay the letter, with the desired addition:

"P. S. I have went. Bob."

Men have their troubles the same as women, but they have less to say about them.

There are as many sides to a story as there are people who tell it.

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Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

A Literal Command.
"Beat it! Beat it!" cried the masterful wife to her meek and obedient husband.
But he did not go a step.
She did not mean him to. She was referring to the carpet hanging on the line.—Baltimore American.

Better than gold—Like it in color—
Hamlin's Wizard Oil—the best of all remedies for rheumatism, neuralgia, and all pain, soreness and inflammation.

The Cause of It.
"The writer you introduced me to the other day was not at all imposing in his appearance. In fact, I thought he had a very poor carriage."
"That may be because he is nothing but a hack."—Baltimore American.

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Man's Perfidy.
Lawyer—You want to sue your husband for breach of promise? Why, madam, pardon me, but that's absurd.
Fair Client—Not at all, sir; he promised me a divorce, and he's gone back on it.

SOUR STOMACH

"I used Cascarets and feel like a new man. I have been a sufferer from dyspepsia and sour stomach for the last two years. I have been taking medicine and other drugs, but could find no relief only a short time. I will recommend Cascarets to my friends as the only thing for indigestion and sour stomach and to keep the bowels in good condition. They are very nice to eat."
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