

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 this association have in their claims 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 of 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 skye 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 Real 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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We will give you a good 22k gold or porcelain crown for \$3.50
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Molar crown..... 4.00
Gold or enamel fillings..... 1.00
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The best red rubber plates..... 7.00
Painless extractions..... .25

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RAISES ITS PRICES.

Beef Trust Says Cattle Are Scarce and Corn High.

New York, July 5.—The beef trust has again ordered the price of its product raised. Fourteen cents a pound for pot roast to 28 cents for porterhouse and sirloin steaks is the price. Thirty cents will be demanded for the latter cuts in a few days, while average beef will cost the dealer 10 1/2 cents a pound, as against the hitherto prevailing price of 10 cents.

The high price of corn and the scarcity of cattle are the reasons assigned by the trust for the increase in prices. As to why cattle should be any scarcer now than at any other time no answer is forthcoming.

Retail butchers explain that the working people are too poor to buy beef; that there is a lessening in the demand and consequently a raising in the price. It is pointed out that Patten's corner in wheat has increased the demand for corn as an article of human consumption, and that therefore the price of that grain has so increased that it is no longer profitable to raise corn-fed cattle.

The officers of the beef trust in the East are very reticent in discussing the condition of the beef market. When an expression of opinion was sought from the representatives of the big leaders in the trust, such as Armour's and Swift's, the inquirer was referred from one official to another. Finally a vague statement was made to the effect that the market was normal and that existing prices were due to natural trade conditions.

BODIES IN RUINS.

Work Suspended at Messina on Account of Hot Weather.

Rome, July 5.—Thousands of bodies of the victims of the December earthquake that devastated Messina are still in the ruins of that city and will not be dug out to receive burial until winter. In an effort to convince King Victor that it is doing every possible thing toward the ends desired in Messina, the Interior department today submitted its first comprehensive report. It is understood tonight that the king, though not doubting the honesty of the officials, was angry that there had been so much delay, and had demanded speedier work.

In reply to the accusation that no excavation had been made in the ruins, the Interior department declares it has been found necessary to suspend all work of this nature during the warm weather. Up to that time 30,000 bodies had been recovered. An average of 300 bodies were removed daily in April and 900 bodies were awaiting burial for lack of grave diggers.

GOLD ORE AS BALLAST.

Santa Fe Road Rich in Precious Metal.

Chicago, July 5.—Officials of the Santa Fe road are inclined to believe that through the accidental discovery of gold and copper in the ballast used on the Belen cut-off a new rich mining district will be developed in the Manzano mountains in Torrance county, New Mexico.

A fact that adds romantic interest to the gold discovery is that the region is adjacent to the deserted city, which is supposed to have been Spanish and which is known as Gran Quivera. There are legendary stories of old Spanish mines which are supposed to have been productive hundreds of years ago, but which were abandoned. Now that gold has been discovered in the region these stories are being revived and many are flocking into the mountains and are staking out claims everywhere.

The discovery of gold is largely due to one of the engineers of the company, who is located at the general offices in Chicago. Not long ago this engineer was walking track between Belen and Willard and while in a deep cut he picked up a chunk of ballast which had a chemical stain upon it. The stone was brought to Chicago, and it was found to be highly infused with gold. Some of the ballast which was being used on the Belen cut-off was then sent for and was found to assay about \$3 worth of gold to the ton.

Four Killed in Cyclone.

Winnipeg, Man., July 5.—Reports received tonight from Southern Saskatchewan show that four persons were killed and more than 50 hurt, and that immense damage was done by the cyclone which swept that district late last night and early this morning. In the Gainsboro district three persons were killed and nearly 50 injured, while a child was killed near Carrievale. The cyclone struck first at Redvers, turned south toward Carrievale and Gainsboro, and then went east to Pearson, Manitoba.

Educator Says Nothing is Right.

Denver, July 5.—Charging that the whole present day school system is radically wrong and that American homes and society are directly responsible for elements in the schools which corrupt morals and make for crime and criminals, J. C. McNeill, superintendent of schools at Memphis, Saturday dropped a bomb into the camp of the National Educational association's convention at the council meeting preparatory to the opening of the convention.

Trust in No Danger.

New York, July 5.—There is little probability that there will be any prosecution of the sugar trust until August, when United States District Attorney Wise, who sailed Saturday for Europe, returns to New York. The failure of the Federal grand jury to file indictments in its investigation of the American Sugar Refining company adds to this impression.

FARMS AND FARMERS



Water for the Bees.
Give the bees plenty of water. They need a great deal and will fly a long distance to get it.

If there is no running stream or lake of pure water near it is well to place a pail of fresh water near the apiary every day.

Bees use water to dilute the heavy, thick honey left over from winter to make it suitable for the young larvae and also to make the cell wax pliable.

Bees should be protected from the wind on the north and west by a close-set hedge or high fence.

All the weeds should be kept down in front of the hives. Mow a plot 6 feet wide and then cut the weeds and grass close to the ground with a hoe.

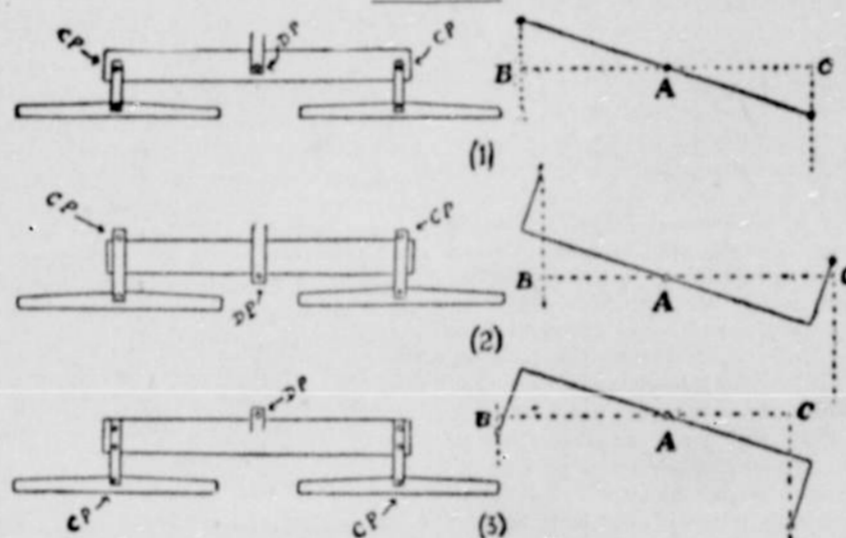
An hour once a week spent on the care of the bees will bring larger returns for the effort than any other labor on the farm.

A newspaper man in Chicago, who lives a few miles out in the country, last year sold 2225 worth of honey to three big hotels. He says he did not spend more than an hour a week looking after his bees during the season.—F. and D. Journal.

Feed for Chickens.

Feed chickens the first day or two upon a mixture of bread crumbs grated fine and hard-boiled egg chopped fine. Keep water before them in a small fountain, so they can drink but not get into it. In a few days feed upon rolled oats, finely cracked corn and any small seeds. Add a

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 \$94 worth of farm crops, while the average South Atlantic states farmer made only \$48, though the Southern farmer averaged 108 acres per farm and the Northern farmer only 96 acres.

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 of

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Crushed Again.

Mrs. Denham—Do you think that I shall be a good looking old woman? Denham—I don't know why you should expect any such radical change.—New York Press.

Mother's Will Find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

A Literal Command.

"Don't let that 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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Allen's Foot-Ease, a powder for the feet. It cures painful swellings, smarting, itching feet. Makes new shoes easy. Sold by all Druggists and Shoe Stores. Do not accept any substitute. Sample FREE. Address A. S. Olmsted, Le Roy, N. Y.

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.

SOOR 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 for 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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Handing 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. Boas 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 schoolmarm working from 9 to 4 until she married a farmer, and had to work from 4 to 9. Moral, schoolmarms 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.

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placed every-where, attracts and kills all the flies, mosquitos, crickets, cockroaches, etc. all seasons. Made of wood, enamel, shell or tin over, will not rust or injure anything. Guaranteed effective.

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