

ARM AND GARDEN

BREAKING CORN STALKS.

Two Devices Whose Use Enables Two Persons to Clear Large Tract in One Day.

When the ground is frozen hard, if the land is not too hilly or rough, the breaking of the corn stubble is not difficult if the farmer has the proper implements. For those living handy to a railway, it is a good plan to buy an old rail or part of a rail discarded from the track. About four feet from each end of it a hole is drilled through the narrow part. A chain is attached at each hole by a bolt or hook and the chains being brought together at the other end, a ring is attached, to which



Fig. 1

three horses are hitched. The chains may be attached without drilling holes, if iron rods of suitable size be heated and bent round the rail at the proper places, so as to form eyes or hooks.

Another good stalk breaker may be made by selecting a wooden pole of uniform diameter as possible and long enough to break five or seven rows of stalks. After ascertaining the center of gravity by balancing over a log or some like object, cut notches at 3/4 or 4 feet on each side of this center. Fasten chains around the pole at the

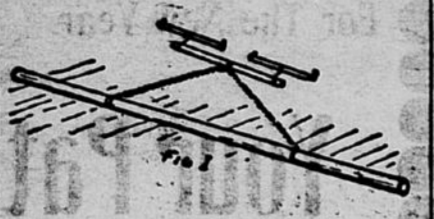


Fig. 2

notches and to a doubletree and singletree, as shown in Fig. 1.

The breaker shown in Fig. 2 is harder to construct but is a very effective one on level ground. A couple of pieces of 2x4 or 2x6-inch stuff about 20 feet long are connected by two cross-pieces, about 2x4 inches by 3/4 feet. A 1/2-inch bolt at each of the connecting points holds the frame together. A light chain is looped round each cross-piece and held at the desired point by a wooden or iron pin or bolt. Singletrees are attached to the chains. The chains are adjusted so that the horses will not raise the front of the stalk breaker. Two persons are necessary to drive this kind of stalk breaker, but a great deal of ground can be gone over in a short time.—J. G. Allshouse, in Ohio Farmer.

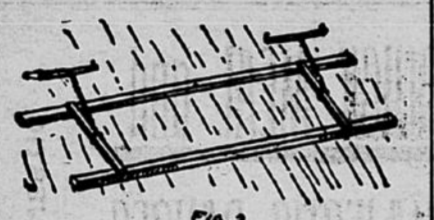


Fig. 3

POTATOES THAT ROT.

It is Not Only Advisable, But Absolutely Necessary, to Dispose of Them at Once.

If the potatoes in the cellar begin to rot it is well to dispose of them as soon as possible. None of them should be kept over for the coming spring, as they will then carry into the next crop the mycelium that has been the cause of the rot this year. Potato rot begins in the form of blight in the field. Later it shows itself in the tubers stored in the cellar. Ignorance regarding this has kept many a farm infected from year to year, as the farmer has carried over infected seed from one year to another. When rot has appeared, therefore, the only thing to do is to get rid of the potatoes before they have begun to show the disease. If the rot is very bad, it will pay better to feed the smallest of the tubers to stock rather than run the risk of having them all rot in the bins. In the ordinary cellar it is rather difficult to keep potatoes of any kind, much less those with the rot mycelium concealed within. In cold storage where the temperature is kept at near the freezing point there is less danger in trying to hold them for some months. In the ordinary cellar the temperature frequently goes up to near the seventies on warm winter days, and this is especially so now that many farm houses are heated by furnaces.—Farmers' Review.

Facts for Potato Growers.

Potatoes are the most expensive of all the staple foods. They contain from 750 to 800 pounds of water in every 1,000 pounds, the solid matter being mostly starch. The farmer also finds the potato crop one of the most exacting in its requirements of labor, one of the greatest obstacles being warfare against beetles and diseases. At present prices potatoes are more expensive than beef, considering the actual proportion of nutritious matter contained, but it is only when prices are high that the potato crop is very profitable, owing to the expenses necessary for its cultivation.

When to Plow for Corn.

Usually it is better to plow for corn in the spring, because if the land is plowed in the fall it has a tendency to become solid—that is, "run together"—more or less by the winter and spring rains, and this results in keeping the ground cold in the spring. Corn, above most other plants raised on the farm, requires a warm soil rather early in the season. Plow two to three weeks, if the land is in good condition, before the time of planting, and allow the furrows to lie for this period without being harrowed.—Country Gentleman.

THE FARM WOOD LOT.

A Necessary Adjunct from Which to Obtain Fuel, Timber and Much Real Pleasure.

Every farm ought to have an acre or more of woodland. Ten acres to a 100-acre farm is probably an ideal proportion. In many portions of the country this woodland exists on untillable hills and mountainsides. In many places the wood lot, if it ever exists, must be an artificial creation. The wood lot will furnish a large proportion of the fuel needed on the farm. The fuel tax will undoubtedly become year by year heavier as wood and coal become scarcer. It will furnish posts for fencing and timber for repairs to buildings. If a sawmill is not convenient, the logs can readily be dressed into shape with the broadax.

Some years ago a neighbor of mine inherited a small tract of land which was without buildings. He was a mechanic, with a large family, and living in town, where there was little chance to earn a good living for the children. On the land inherited was a good wood lot of probably seven acres. Loose stone was abundant on the neighboring hills. Sand filled the gutters at the roadside.

Our friend rented a house and lot near his land. In the winter, when he could do no farm work, he collected stone from the mountains. He made out a bill of lumber necessary for a house and barn. A portable sawmill was brought to his wood lot, and the lumber for the buildings was soon piled up to season. Sand was gathered from the roadside, and in two years, through a good deal of hard work and the aid of the wood lot, nice buildings were erected, and all at a very small outlay, the man himself being able to handle carpenter's tools. If the timber had not been on the land he could not have erected the buildings.

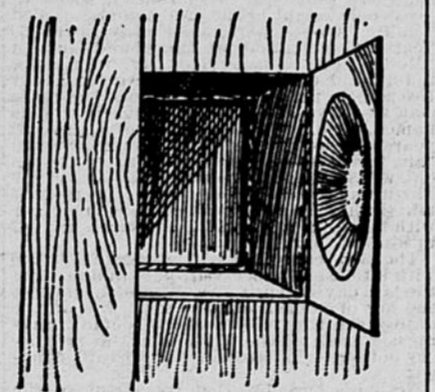
Another friend, a teacher, purchased a small piece of woodland on which was what appeared to be only a small amount of scrub pine. He planned a house, made out a bill of lumber needed, cut the scrub pines and out of it entirely erected his house, the frame, siding, floors and shingles all being from this timber, generally considered nearly worthless. This man, having taste and mechanical ability in addition, has a really beautiful home, and it cost him a very small sum for labor. Not only will the wood lot furnish lumber, fencing, bean poles, etc., but it will give to the owner and his family glimpses of nature, so often nearly wanting in well cultivated regions.

In time the wood lot will have underbrush and wild flowers. It will form a shelter for birds and rabbits and will be a retreat to which the family can go for rest and recreation for an occasional half day in summer. The wood lot will be a "beautiful spot" on the farm. It will help to make the children love the country. It will add to the general charms of the landscape. By all means let every farm have its own piece of "woods."—George G. Groff, in N. Y. Tribune-Farmer.

NEAT SAFETY DEVICE.

It Should Be Adopted by All Farmers Who Have to Use Lighted Lanterns in the Barn.

The safest kind of a "safety" lantern is not sufficiently safe to carry into a barn in the night. Accidents will occur. The lantern may be set down on the floor for a moment, and accidentally knocked over. It is a wise rule that keeps all lamps and lanterns out of the barn entirely. It is often necessary, however, to go into the feeding floor in the evening, or in



BOX FOR LIGHTED LANTERN.

the early morning, and a way of lighting the floor must be provided. The illustration shows how this can be accomplished. A box with its bottom replaced by a pane of glass is fastened against the boarding of the barn door, or elsewhere, and a hole cut through the boarding, so that a lantern can be set into the box from the outside, its light falling through the pane of glass onto the feeding floor.

If a reflector is attached to the little door, as shown, it will throw a stronger light into the barn. So easily is such an arrangement made that one could well be provided for the feeding floor and one for the door leading into the cattle stalls. The lantern then need never be carried into the stable, but the interior lighted at any time without any danger. Where the position of the box would make it desirable to throw the light to both sides as well as straight ahead the two sides of the box, as well as the back of it, can be provided with panes of glass. This would be especially desirable when lighting a "tie-up" for milking time. The box could be arranged midway between the ends.—Orange Judd Farmer.

Dysentery may be caused by impure honey, disturbance or very long confinement.

All comb-building ceases at the commencement of cold weather.

THE WOEFUL WHEEL.

George Thought He Was Doing His Duty, But It Was Labor Lost.

A young man in a cricket shirt and straw hat was wheeling a baby carriage backward and forward along the pavement in front of a small house in Westgate-on-Sea. The hot afternoon sun poured pitilessly down upon him, and he was angry as any man in the neighborhood, relates the Manchester Guardian.

"My dear," came a voice from the upper window of the house.

"Let me alone, can't you?" he shrieked back, and went on wheeling and mopping his face.

An hour later the same voice came from the window in earnest, pleading tones:

"George, dear!"

"Well, what on earth do you want?" he shouted. "Have the water pipes burst?"

"No, George, dear," wailed the voice, "the water pipes are all right, but you've been wheeling Amy's doll all the afternoon. Hadn't you better let baby have a turn now?"

Indigestion, congested liver, impure blood, constipation, these are what afflict thousands of people who do not know what is the matter with them. They drag along a miserable existence; they apply to the local doctors occasionally, and sometimes obtain a little temporary relief, but the old, tired, worn-out, all-gone, distressed feeling always comes back again worse than ever, until in time they become tired of living, wonder why they were ever born, and why they are alive unless to endure constant suffering. To such sufferers there is a haven of refuge in Dr. August Koenig's Hamburg Drops, which is a wonderful medicine. One trial will convince the most sceptical that any or all of these difficulties may be removed, and a perfect cure effected, by taking Dr. August Koenig's Hamburg Drops. Get a bottle at once, before it is too late.

His Little Scheme.

He was cutting an item from a newspaper. "It tells how a house was robbed, and I want to show it to my wife," he explained.

"What good will that do?" a friend inquired.

"A whole lot," was the reply. "You see, this house was robbed while a man was at church with his wife."

"Yes!" exclaimed the friend, excitedly, "you haven't got a duplicate copy of that paper, have you?"—Chicago Post.

California, the State of Big Things.

California produces 22 per cent. of the country's barley, 40 per cent. of the country's gold, 70 per cent. of the country's best sugar, 99 per cent. of the country's raisins, and from 90 per cent. to 99 per cent. of a great many other important commodities. California is one of the largest producers of beans in the world and the only producer of Lima beans for commercial purposes in the United States. California yields more money than all the rest of the Union. California supplies nearly all the vegetable and flower seeds to the markets of the world. California sends outside her borders 20,000,000 bushels of wheat every year. San Francisco, the metropolis of California, is now the sixth city in financial importance in the United States.

The man who endeavors to travel to fame or fortune via the arship of revery is likely to hit the ground hard.—Judge.

Like Oil Upon Troubled Waters is Hale's Honey of Horehound and Tar upon a cold. Pike's Toothache Drops Cure in one minute.

Great and good are the actions done by many whose worth is never known.—Hans Andersen.

I am sure Piso's Cure for Consumption saved my life three years ago.—Mrs. Thos. Robbins, Norwich, N. Y., Feb. 17, 1900.

Lots of men tire themselves to death looking for an easy job.—Chicago Daily News.

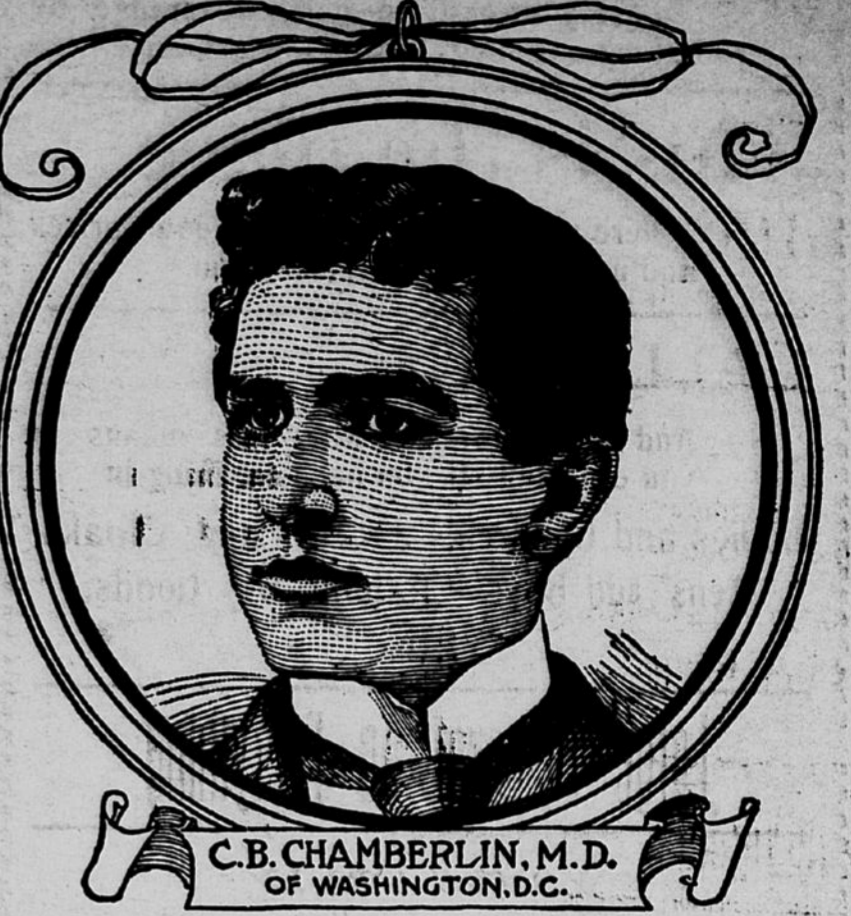
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There is nothing that costs less than civility.—Cervantes.

Iowa Farms \$4 Per Acre Cash, bal. 1/2 crop till paid. Mulhall, Sioux City, Ia.

Haughtiness lives under the same roof with solitude.—Plato.

PROMINENT PHYSICIANS USE AND ENDORSE PE-RU-NA.



C. B. Chamberlin, M.D., writes from 14th and P Sts., Washington, D. C.:

"Many cases have come under my observation, where Peruna has benefited and cured. Therefore, I cheerfully recommend it for catarrh and a general tonic."—C. B. CHAMBERLIN, M. D.

Medical Examiner U. S. Treasury.

Dr. Llewellyn Jordan, Medical Examiner of U. S. Treasury Department, graduate of Columbia College and who served three years at West Point, has the following to say of Peruna:

"Allow me to express my gratitude to you for the benefit derived from your wonderful remedy. One month has brought forth a vast change and I now consider myself a well man after months of suffering. Fellow-sufferers, Peruna will cure you."—Dr. Llewellyn Jordan.

Geo. C. Havener, M. D., of Anacostia, D. C., writes:

The Peruna Medicine Co., Columbus, O. Gentlemen—"In my practice I have had occasion to frequently prescribe your valuable medicine, and have found its use beneficial, especially in cases of catarrh."—George C. Havener, M. D.

If you do not receive prompt and satisfactory results from the use of Peruna, write at once to Dr. Hartman, giving a full statement of your case, and he will be pleased to give you his valuable advice gratis.

Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, Ohio.

A Popular Calendar.

The popular calendar issued every year by the North-Western Line (Omaha Road) is now ready for distribution. This is without doubt the most useful calendar issued, and will be found in more business houses and homes than any other. It is distinctively a calendar for the "busy business man." It is ten by fourteen inches in size, has a nice silk cord for hanging and runs a week to the page. The figures are two inches in height and may be easily seen the length of a large room. Copies of this very useful calendar will be sent postpaid to any address in the United States or Canada on receipt of 10 cents to cover postage and wrapping, by T. W. Pressdale, Gen'l Passenger Agent, St. Paul, Minn.

Going by Sound.

An enthusiastic sightseer in London was telling her friend that she had been fortunate enough to get a good view of Lord Kitchener. "Ah!" said the friend, "I suppose he's a very, very, handsome man?" "Oh, no," was the reply, "quite slim, I assure you."—N. Y. Sun.

Business Chances.

The M. K. & T. Ry. has a well established Industrial Department, aiding in the selection of sites and locations for industries of all kinds along its lines. Write if you are interested. We will send book, "Business Chances," and any other information wanted, on request. James Barker, Gen'l Pass. Agent, M. K. & T. Ry., 501 Wainwright Bldg., St. Louis.

Gems.

Mrs. Bondhold—Where do you buy your coal now?

Mrs. Goldbrooks—Why, at the jeweler's, of course.—Indianapolis News.

The scandal business is usually conducted by retail.—Chicago Journal.

A LURKING DANGER.

There is a lurking danger in the aching back. The aches and pains of the back tell of kidneys overworked. Go to the kidneys' assistance when backache pains warn you.

A kidney warning should be promptly heeded for dangerous diabetes—Bright's disease are only a step away.

Read how the danger can be averted:

CASE NO. 15,741.—Rev. Jacob D. Van Doren, of 57 Sixth Street, Fond du Lac, Wis., Presbyterian clergyman, says: "A man or woman who has never had kidney complaint or any of the little ills consequent upon irritated or inactive kidneys knows very little about what prolonged suffering is. I had attacks which kept me in the house for days at a time, unable to do anything, and to express what I suffered can hardly be adequately done in ordinary Anglo-Saxon. As time passed, complications set in, the particulars of which I will be pleased to give in a personal interview to any one who requires information. I used plenty of remedies, and, ever on the outlook for something that might check or benefit my condition, I began taking Doan's Kidney Pills. This I can conscientiously say, Doan's Kidney Pills caused a general improvement in my health. They brought great relief by lessening the pain and correcting the action of the kidney secretions."

A FREE TRIAL of this great kidney medicine which cured the Rev. Jacob Van Doren will be mailed on application to any part of the United States. Address Foster-Milburn Co., Buffalo, N. Y. For sale by all druggists, price 50 cents per box.

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