



Improved Stock Waterer.
No matter how pure a source of supply may be at hand for watering stock, if it is pumped into an open trough and left exposed for any length of time it soon becomes polluted and unfit for the animals to drink. This will not be the case, according to the inventor, if the stock-watering apparatus here shown is put into use. If pure water is furnished to the tank or barrel to which this fountain is attached, it is claimed that there is no way by which the animal that is drinking can make it foul. The waterer consists of a double drinking bowl, made of cast iron, which is attached to the outside of a tank or barrel. On the inside is another chamber, inclosed in which is a brass float and



ANIMALS CAN NOT BEFOUL SUPPLY.
lever, controlling the flow of water to the outside bowl. The fountain is automatic in its action, as the float rises with the water in the bowl and cuts off the supply when the proper height has been reached. As the valve is always closed, except when water is flowing from the tank to the drinking bowl, there is no opportunity for foreign matter to find its way to the interior of the storage reservoir.

Covering Peach Trees.
Several years ago the writer participated in the work of laying down peach trees in autumn and covering them in various ways to protect them through the winter and spring. This plan has been tried in various ways almost every year, and nearly always with success. In a season like the present one, when peaches promise to be a rarity, any scheme of carrying the fruit buds through the freezing weather is especially attractive. Prof. W. Paddock has recently reported the success of several growers in various parts of Colorado who have been practicing this method. They find it profitable as a commercial venture. It looks like an impracticability, to be sure, to lay down and partially cover a fruiting tree every fall, but it has been shown repeatedly that it is perfectly feasible. The expense is only about 10 or 15 cents a tree, and even a dozen good peaches will almost cover the cost.—Country Gentleman.

Farm Notes.
The kind of crops and the manner of cultivation determine the profit. While some farmers barely subsist on a farm of a hundred acres, it is not difficult for others to make small farms of only ten acres pay. There are some sections in which a twenty-acre farm is considered a large one, and yet such farms pay well and their owners are prosperous.

Sow some annual and biennial grasses with the perennials for permanent pasture, especially if the soil be wanting in richness and moisture. The perennials will make but little herbage for two or three years, because their first efforts are to establish strong roots. Annuals, on the contrary, make but little roots; their growth is chiefly above ground, and what remains of them supplies some food and shelter.

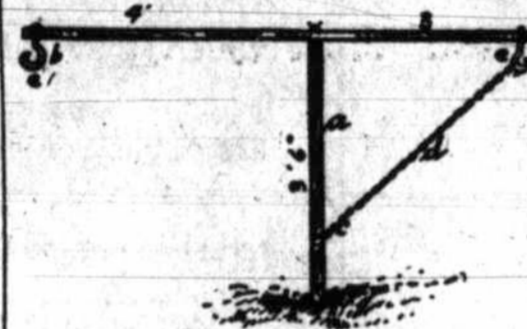
A community of farms has many advantages which are not known where large farms are the rule. The farms are better cultivated and cared for, and the whole section bears a more thrifty appearance. Neighbors are nearer, and generally of the most intelligent class, while roads are better, and churches, schoolhouses, stores and other conveniences necessary to the most advanced civilization are more numerous, which advantages can be the more easily and conveniently enjoyed.

Slightly moisten commercial fertilizers before sowing them on a windy day. This will prevent no inconsiderable loss, as the finer particles of available plant food may be frequently blown long distances. This is a practical point of great importance.

A saving of labor may be made in the garden by frequently using the rake. Very young weeds may be easily destroyed by passing the rake between the rows, while by allowing the weeds to remain until well rooted a hoe may be necessary. Economy of labor is in keeping weeds and grass down as their seeds germinate, which renders the task easier.

Farmers' Wives and the Cow
The wives of the farmers of Missouri are getting so industrious and thrifty that it is becoming a question whether they or their husbands are contributing more to the prosperity of the State. They have stimulated the activity of the Missouri hen until that valuable member of barnyard society is almost laying gold dollars, and now they are making the Missouri cow accomplish results that would have astounded her ancestors. Here, for instance, is Mrs. Anna Gowin, of Poplar Bluff, who, without, perhaps, being the champion dairy woman of the State, is doing an amount of business in this line sufficient to keep her and her husband comfortably without other resources. "I kept account of the milk and butter we sold last year," Mrs. Gowin writes to her mother, Mrs. W. H. Boulden, of Farber, "beginning the 1st of last May, and by the 1st of this month we had sold 2,190 gallons of milk and 1,439 pounds of butter. We got 25 cents a pound for all the butter and 10 cents a gallon for the milk. Charlie Davault is always bragging about how much the Audrain women sell, but I don't think any of them can beat that on milk and butter." Probably not. Mrs. Gowin's receipts from milk and butter were \$578.75, or almost \$48.25 per month. They show how much the farmers of Missouri have lost by not giving the Missouri cow the chance and encouragement she deserves.—Kansas City Journal.

A Kettle Swing.
An exceedingly simple yet convenient hanger for a kettle is shown. Let a represent a post 4x36 inches; b a piece 3x4 edgewise, with a three-quarter-inch bolt through it and the post, so b can turn easily; c is a small iron



SWING FOR HANDLING KETTLE.

loop-like rod on wagon end gate, so chain can turn easily; d is a chain running from c to e, which is a half-inch hook for hanging chain. On the other hook, e, at other end of rod, b, hang the kettle. This arrangement allows the kettle to be swung off the fire easily at any moment, and without legs or anything under the kettle to interfere with building a fire. Such a hanger is easy to make, but should be made of only good, strong material and put up substantial or firm.—E. C. Beergisser, in Farm and Home.

The Ant Nuisance.
Ant hillocks on lawns dull the lawn mower and injure the sod. Slaked lime or kerosene will drive most of them away, and a little bisulphide of carbon poured into each hillock and covered over with the loose earth will clear them out thoroughly. For ants in the house, rat poison in molasses will kill a lot of them, and the rest will take the hint and leave.

The New Road Material.
Roadways of tar-macadam have been in successful use for some years in Southern Ontario. The cost is from one-third to one-half that of asphalt or vitrified brick. It is more enduring than either, and appears to stand well the wear and tear of heavy teaming.

Loose Bolts.
On plows, wheel holes, wagon frames and the like, where the jolt and strain comes directly against the bolt, it is hard to keep them tight. Take off the jolt and increase friction by using an iron washer with a leather washer under it. Turn very tight.

Wheat contains a larger per cent of albumen than any other grain, and for this reason is one of the best grains to feed for egg production. It should not be made an exclusive ration, however.—Commercial Poultry.



Rice Cakes.

A delicate rice cake for dessert may be made as follows: Put a pint of cold, fresh milk in a saucepan over a hot fire. When it boils add a heaping cup of well-washed rice. Let the rice cook slowly in the milk for twenty minutes, then cool it in the saucepan for half an hour. Add six heaping tablespoonfuls of sugar, and stir them in well. Then add three whole eggs and flavor with a tablespoonful of orange-flower water or orange extract. Boil some good puff paste very thin, line a tin pudding mould, holding about three pints, with the paste; add the rice with the eggs, sugar and flavoring, and put the pudding in a moderate oven to bake for forty minutes. Then cool the pudding, cover it with an icing and serve. This makes a firm cake, which should be well flavored with orange extract and garnished with a little acid jelly. The orange extract is made by soaking the yellow peel of a California orange in ninety per cent. alcohol for at least two weeks. Grate the peel into the alcohol or pack it in thin slices, and see that there is enough of it to fill the bottle completely.

Stewed Prunes.

Weigh out eight ounces of prunes. Look them over carefully, and soak overnight. In the morning drain thoroughly, and cook in half a pint of water, with the yellow peel of a lemon, a two-inch piece of cinnamon, two tablespoonfuls of butter and four heaping tablespoonfuls of sugar. Simmer for two hours slowly, and at the end of this time draw the saucepan forward and add a pint of claret wine. Set the prunes back on the stove to be thoroughly heated. Stir well, but do not break them, and be careful not to let them boil again. Then turn them into a stone jar and boil when cold. There is a great variety in the quality of the prunes offered in the market, but excellent ones, which rival the best imported fruit, are now sent from California.

Strawberry Shortcake.

Mix thoroughly a quart of flour, two teaspoonfuls of baking-powder, a little salt and a tablespoonful of sugar, and into this chop three tablespoonfuls of butter or butter and good sweet lard mixed. Add one cupful of sweet milk and one well-beaten egg. Put together as quickly and with as little handling as possible. Roll into sheets one-half inch thick. Bake in a well-greased pan, laying one sheet on top of the other. As soon as baked separate them and spread between the crusts a thick layer of well sweetened berries, also cover the top with berries. Serve with sugar and cream.

Onion Soup.

Melt two tablespoonfuls of butter in a spider, when it bubbles add four large onions, washed, skinned and cut in slices, let them simmer without browning for about half an hour, then stir in a slightly heaping tablespoonful of flour. When it thickens pour in gradually a pint and a half of boiling milk, season with salt and pepper to taste, press through a puree sieve and return to the fire. While it is getting hot, beat together two egg yolks and half a cup of cream, remove from the stove and stir the eggs and cream into it rapidly, pour at once into the tureen and serve.

Canned Corn.

It is hard to can this vegetable so that it will keep well, unless it is put up with some other vegetables, as tomatoes or beans. But I give the recipe as requested. Put ripe corn on the fire in salted boiling water and cook for twenty minutes. Take from the fire and cut from the cob. Put into jars, cover the corn with the water in which it was boiled and set the jars over the fire in a broad pot or saucepan. Pour hot water all about the jars, bring it to a hard boil and seal at once. Keep in a dark place or else wrap the jars in dark paper.

Rhubarb Brown Betty.

Skin rhubarb and chop very fine. Put a thick layer in the bottom of a buttered pudding dish and strew this with a quantity of granulated sugar. Cover with fine breadcrumbs, dotted thickly with bits of butter. Put in more rhubarb, more sugar, then buttered crumbs and proceed in this way until the dish is full, having the top layer of buttered crumbs. Bake covered for about an hour, then uncover and brown. Eat hot with sugar and cream or with a hard sauce flavored with nutmeg.

Home-Made Anchovy Paste.

Remove the skins from canned anchovies and mash them to a paste, then rub this through a vegetable press. Beat into this enough butter to make a smooth and light paste. Season to taste, and rub with the back of a silver spoon, until creamlike in consistency and free from all lumps.

Long Hair

"About a year ago my hair was coming out very fast, so I bought a bottle of Ayer's Hair Vigor. It stopped the falling and made my hair grow very rapidly, until now it is 45 inches in length."—Mrs. A. Boydston, Atchison, Kans.

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Precocious.
Her Mother—Edith, don't you think you are too old to play with little boys?
Edith—No, ma; the older I get the better I like them.—Melbourne Weekly Times.

Cholly's Repartee.
"Cholly is so clever at repartee!" exclaimed Clarence.
"Isn't he?" said Reginald. "What's his latest?"

"A great, howlid brute said to him, 'You are the biggest fool in this state,' and Cholly answered right off, 'I don't agree with you.'"—Cincinnati Commercial Tribune.

Vain Pursuits.
Miss Riche—Jack is a man after my own heart.
Cholly—Aw, what a lucky chap!
Miss Riche—Not necessarily. He won't get it.

Not a Repeater.
"These old proverbs make me weary," sighed the professor.
"What's the matter now?" queried the other half of the sketch.

"Here's one that says 'History repeats itself,'" replied the learned parson, "and any schoolboy knows that isn't true."—Chicago Daily News.

Two Different Kinds.
"Does your typewriter need repairs?" asked the meandering tinker as he entered the office.
"It would seem so," replied the boss. "She just went across the street to consult a dentist."

Base Flatterer.
She—I spent two weeks in that town last summer and didn't see a single attractive thing there.
He—That's queer. Haven't they any mirrors in that village?

Half and Half.
Smart Aleck—Once upon a time there were three little children. Half of them were boys an'—
Dumb Della—Why, Aleck! could there be one and a half girls?
Smart Aleck—There weren't. The other half was boys, too.—London Tit-Bits.

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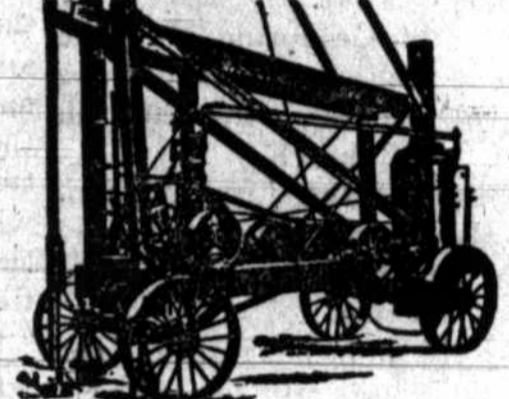
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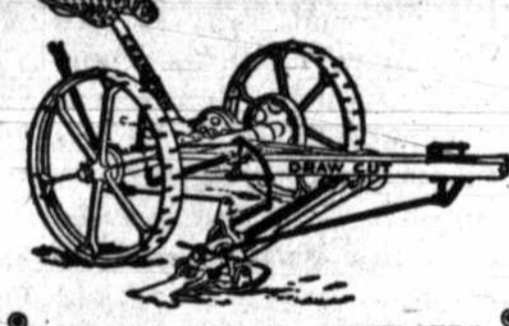
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