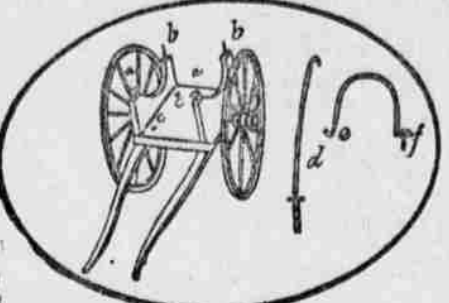




FARMERS CORNER

Handy Spraying Rig.

One of the greatest difficulties the farmer or horticulturist meets in spraying is in carrying about the pump and barrel. The stoneboat often must be used where the rows are narrow, but the draft is much easier if pump is mounted on wheels. I have arranged a platform on a pair of wheels which is a simple, handy rig. The axle is shortened to about 4 feet, making a very compact arrangement that will turn in a very small space. For spraying potatoes when the rows are 3 to 3 1/2 feet apart, the axle should be 5 feet long, so that the horse may go between two rows, while the wheels go between rows on either side.



HANDY RUNABOUT SPRAY CARRIAGE.

The barrel, when the pump is mounted on the side, is held in place by two bands of iron 1 inch wide and about 8-16 inches thick, fastened by the books e, into the eyes a, a, and drawn firmly into place by a nut on the bolts b b. If the pump is mounted on the end of the barrel, as with the kerowater, etc., it is held in place on the platform by four rods d, that hook over the chime of the cask and are bolted through the platform at c c.

This rig is light and strong and can be driven in among trees and vines much better than a cart or wagon. The driver walks behind and drives and pumps while either one or two lines are used. With a good standard pump more work can be done in a day with this outfit than with any I am acquainted with.—Prof. S. T. Maynard 'n Farm and Home.

The Hartshorn Pear.

The illustration of the Hartshorn pear is about one-half size. The variety has been tested for a number of years in different parts of the country and pronounced promising. It is claimed to be a cross between the Bartlett and Winter Nellis, and with such parentage should be first-class. The fruit is of large size, skin thin, greenish yellow in color, with small russet dots. The flesh is white, fine-grained, juicy and of delicate flavor. It ripens late in the season and is a wonderfully good keeper. At present nurserymen have but a small stock of the variety, and consequently trees are high in price. However, the variety is so promising that one would be safe in setting a few trees, at least.—Illanapolis News.



THE HARTSHORN PEAR.

Methods of Fertilizing Meadows.

There has been much controversy over the method to be employed in fertilizing meadows to obtain the best results, but experience has shown that most meadows must be treated as individual plots of land; that is, fertilized according to its special needs. A meadow that has been cropped for a long time naturally will require some reseeded and that the fertilizer be supplied at different times and be composed of different ingredients. On the other hand, a meadow in good condition and not too old will require only top dressing with stable manure and even this must be done in accordance with the needs of the particular meadow to which it is applied. As a rule, ten two-horse loads of manure to the acre put on with a manure spreader so as to properly and evenly cover the ground, is the quantity that will give good results at the minimum of expense. The use of the spreader is urged in applying for the coat is not only even but is fine and in the best condition for good results and quick action.

Shipping Eggs for Hatching.

In discussing the packing of eggs for shipping—that is, in small quantities for hatching—a Michigan Farmer correspondent writes that he prefers a good strong basket to any other kind of package. He puts a layer of excelsior in the bottom of the basket, wraps each egg in paper, then in excelsior, and places in the basket small end down. When the basket is full it should be so firm that there is no moving about of the eggs with the motion of the basket. If more than one layer of eggs is used he puts a good thick layer of excelsior on top of the first layer and proceeds as before, finishing with a layer of excelsior. When the

basket is full he stretches stout unbleached muslin across the top and sews to the edges of the basket, drawing it tight. Then he plainly labels the basket so that it will be carefully handled. He says a half bushel basket will hold fifty eggs packed in this way.

Freak Farming.

There are radically different ideas as to what the better agriculture should consist in. The real farmer is said to adhere too closely to the ways of his fathers. He plods. The city man who goes to the country would correct all this by overturning it. He sees revolution in everything with which he has to do. Ways of doing business are not so much improved as revolutionized. The new things are of different kind from the old. The automobile is not an improvement of the horse and carriage; it is a new creation. The new telegraph uses no wires to carry its messages. The X-rays allow us to see through a board. The man who is familiar with all this wants to introduce some wholly new and startling thing when he goes into farming. He would reform it and revolutionize it. The upshot of it is likely to be a kind of freak farming. He will grow some specialty, perhaps popcorn, pigeons, liquorice, ginseng, wormwood, madder, basket willow, Angora goats, skunks.

The point is that these small crops and factitious enterprises are mere side issues and really have no great effect on agricultural prosperity as a whole. They may be very profitable here and there, but they are for the few and special conditions. Mere specialties cannot revolutionize a great series of businesses like the agricultural business, that engage four times more fixed capital than manufactures. We have probably about reached the limit of "fancy farming," except as it may be practiced as a mere diversion. In the upheaval of old ideals, we have made many impractical experiments, but the farmer stands by the old things, improving them slowly and surely year by year. We must be near the point of collapse of all kinds of freak farming.—Country Life in America.

From Grain to Grass.

Every owner of a cow welcomes the time when the animal can be turned out to pasture. In changing from dry feed to grass it is well to go somewhat slowly, especially if the flow of milk is large, says Dairy and Creamery. The young, immature grass, especially in early spring, as is well known, contains a large amount of water, a condition commonly called "washy." Wheat and rye pastures are of the same nature. The dry feed ration should therefore be continued and be gradually reduced for two weeks or more after the grass is large enough for feeding.

Farm Notes.

An ounce of pluck is worth a ton of luck.

Don't crop the farm to death. Raise some stock.

The busiest farmer is not always the one who does the most work.

Clean milk never came from a can that was not clean when the milk went into it.

Attend to the feed of the work horses just as carefully as to the meals of their drivers.

There is nothing that will turn the wastes of the farm into money faster than growing pigs.

Some one has asked if alfalfa will not become a pest. Yes, when money becomes a pest alfalfa will be in the same boat.

Corn will bring twice as much in a hog as in a sack. So will hay in a cow bring twice as much as in a bale.

Does it pay to save a cent's worth of food in the dishwasher containing washing powders and kill \$20 worth of pigs by feeding such slops?

The way to keep the work in hand is to keep it in mind. Great assistance can come by the use of a small memorandum book in which can be written the things that are most essential.

One-half of the clover hay in the country is not saved so as to secure the best results. If not cut too late or too early it is improperly cured. It is a difficult matter to get it just right.

An imposition that is often practiced on the woman—the farmer's wife especially—is if there is an old, ringbone, spavined, crippled horse that is stove up generally and good for no earthly use it is kept for the women to drive.

The solution of the boy leaving the farm depends on the conditions. Some of the inducements are not alluring for boys to stay on the farm. Again there will be great inducements for them to do so. There are boys who left the farm who bettered themselves and again there are scores of them who have not done as well as they could have done had they remained on the farm. It is not encouraging to rent land of some rich farmer and give him about all that can be raised and be his serf at the same time.

When to spray apple trees depends upon the purpose desired. Use Bordeaux mixture when the buds are swelling, and if canker worms are abundant spray also. After the blossoms are about to open. After the blossoms fall spray again with Bordeaux mixture, also Paris green, repeating both applications a week or ten days later. In about ten days or two weeks another application may be made of Bordeaux mixture. These remedies or preventives are for scab, bud moth, codling moth, tent caterpillar, curculio and canker worm.

CATARRH DESTROYS THE KIDNEYS

Was Miserable—Could Not Stand Up or Walk—Pe-ru-na Cured.

Many Persons Have Catarrh and Don't Know It.

Mr. James M. Powell, 633 Troost street, Kansas City, Mo., Vice Grand of I. O. O. F., of Cherryville, Kan., writes:

"About four years ago I suffered with a severe catarrh of the bladder, which caused continued irritation and pain. I was miserable and could not stand up or walk for any length of time without extreme weariness and pain. I began taking Peruna and I greatly relieved me, and in eleven weeks I was completely cured and felt like a new man."—James M. Powell.

Hundreds of Dollars Spent in Vain.

Mr. Cyrus Hershman, Sheridan, Ind., writes: "Two years ago I was a sick man. Catarrh had settled in the pelvic organs making life a burden and giving me little hope of recovery. I spent hundreds of dollars in medicine which did me no good. I was persuaded by a friend to try Peruna. I took it two weeks without much improvement, but I kept on with it and soon began to get well and strong very fast. Within two months I was cured, and have been well ever since. I am a strong advocate of Peruna."—C. Hershman.

Peruna cures catarrh of the kidneys, liver and other pelvic organs simply because it cures catarrh wherever lo-



JAMES M. POWELL.

ated. No other systemic catarrh remedy has as yet been devised. Insist upon having Peruna. There are no medicines that can be substituted. If you do not derive 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, O.

At banquets, in Queen Elizabeth's time, every guest came with his spoon in his pocket.

Ox-tail soup was invented by French prisoners in the English fleet, who were given for food only the tails and refuse.

The first mention of money in the scriptures was Abraham's purchase of a sepulcher, for 400 shekels of silver, B. C. 1860.

The most valuable of modern paintings is Meissonier's '1814,' which was bought by a Frenchman for \$170,000.

Nikola Tesla, the great electrician, claims to have invented a machine that will cure any distemper from whatever cause.

A Skin of Beauty is a Joy Forever.
DR. T. FELIX GOURAUD'S ORIENTAL CREAM OR MAGICAL BEAUTIFIER.

Removes Tan, Freckles, Eczema, Itch, Pimples, Bores, and every blemish of the face. It is the best of its kind. It is made in France. It is the only one that is so highly recommended by the ladies of the world. It is the only one that is so highly recommended by the ladies of the world. It is the only one that is so highly recommended by the ladies of the world.

PISO'S CURE FOR CONSUMPTION

Best Cure for All Lung Diseases. Use in Steam. Sold by Druggists.

Manufactured by Thompson's Eye Water

N. N. U., 786-35 YORK, NEB

CLEARED OF SWARM OF RATS

Smoked Out by Sulphur, They Took to the Water and Driven.

When the United States military transport Sherman arrived at Manila recently she was, as is the case of most other ships that arrive from or touch Hong-Kong on the way to Manila, detained for inspection to see if she had any rats on board. When the big transport dropped anchor in Manila bay, therefore, the official rat inspector went on board to see what was doing in the way of rodents. If the Manila-American is to be believed in less than fifteen minutes he hurriedly left the ship and going ashore reported that there was on board the Sherman, according to the patent rat enumerator in use at Manila, no fewer than 950,000 rats.

The Sherman was immediately ordered to the quarantine station at Mariveles, as no ship on which the disease-carrying rodents are found is allowed to dock at Manila until they are exterminated. Accordingly the Sherman steamed back to Mariveles. When she arrived there her hatches had been opened and enough sulphur carried below to kill millions of rats. As soon as the anchor was dropped the sulphur fires were started in the hold and in a few minutes the work of the fumes became apparent.

Out of the hatches there poured such a stream of rats as was never before seen in the Orient. First by the hundreds and then by the thousands, they appeared at the hatches and then leaped into the water. Every one tried to swim ashore, but the distance was far too great for any rat to swim and soon the great black line of paddling rodents began to thin out. Some of them reached a point about 300 yards of the ship, but none got any farther. After the fumes had been working for about an hour the rats stopped appearing. An inspection of the ship was made and not a rat discovered. The Sherman then re-entered Manila and discharged her cargo.—New York Times.

MORAL REFORM BY KNIFE.

Surgery Credited with Having Cured Viciousness in Human Beings.

London is just now very much interested in two surgical cases giving results in changing the nature of the subjects which promise to render valuable assistance in pointing the way to the reformation of criminals. One of these patients was a boy of good family who had developed brutal instincts which seemed to be beyond control. He gave his time to the invention of malicious mischief, delighted in killing or wounding, was the terror of the neighborhood in which he lived and promised to grow up a desperado and criminal. A clever surgeon took him in hand, examined his head with care, located what he considered the seat of trouble, removed a portion of the skull and thus relieved the deforming pressure. The change was immediate.

The lad forgot his previous tastes and habits and was restored to his parents a normal and lovable boy, the complete antithesis of his former self. The other was a soldier who was injured in a skirmish and after his discharge for disability became a thief and burglar. His previous character had been unexceptionable, his military record was the best and the change was naturally attributed to the injury to his head caused by a blow from the butt of a musket. When he was taken in hand by the surgeon he had about come to the end of a career of crime, being paralyzed on one side and unable to get about except on crutches. A depression in the skull sufficient to bring an abnormal local pressure upon the brain was found and an operation was decided upon, which restored his physical powers as well as his mental and moral faculties. His discharge was secured and he has since lived an industrious and honest life, with no evidence of a disposition to go wrong.—New York Times.

In Cosmopolitan New York.

Last Sunday saw Archbishop Farley preaching in Italian to a Catholic congregation, and on Monday night at St. Vincent Ferrer's Church the rosary was said in Gaelic. On Tuesday Police Commissioner Greene talked to the children of the Educational Alliance in Russian. At the time of the street fish cart agitation on the East Side Commissioner Woodbury spoke to an excited crowd in Yiddish.

This showing of linguistic accomplishments in city officials is interesting, not less so than the opportunities afforded for their exercise. By the census of 1900 there were 155,201 Russians in New York—a colony about as large as the entire city of Rochester. The Germans numbered 322,343, the Irish 275,192, the Italians 145,433. Here in the metropolis are large communities of foreigners, with whose importance as integral elements of the city we are too little apt to reckon; in most instances they have become so well absorbed and incorporated that their numerical consequence is not appreciated. In excise discussions, for example, in holding up for apprehension the spectre of a "continental Sunday," we fall usually to remember that more than 1,000,000 of New Yorkers are by previous citizenship acquainted with that kind of Sunday observance.—New York World.

The Way to Court.

"Well," said the young lawyer, "I pleaded my first suit yesterday and won it."

"You don't say?"

"Yes, congratulate me, old man, I'm engaged to Miss Love."—Philadelphia Press.

Adversity is given to some men to test their honesty.

LIVER TONIC

Cascarets

CANDY CATHARTIC

BEST FOR THE BOWELS

NEVER SOLD IN BULK

10c. 25c. 50c. ALL DRUGGISTS

CURE all bowel troubles, appendicitis, biliousness, bad breath, bad blood, wind on the stomach, bloated bowels, foul mouth, headache, indigestion, pimples, pains after eating, liver trouble, and low complexion and dizziness. When your bowels don't move regularly you are getting sick. Constipation kills more people than all other diseases together. It is a starter for the chronic ailments and long years of suffering that come afterwards. No matter what ails you, start taking CASCARETS today, for you will never get well and be well all the time until you put your bowels right. Take our advice: start with CASCARETS today, under an absolute guarantee to cure or money refunded.

GUARANTEED TO CURE: Five years ago the first box of CASCARETS was sold. Now it is over six million boxes a year, greater than any similar medicine in the world. This is absolute proof of great merit, and our best testimony. We have faith and sell CASCARETS absolutely guaranteed to cure or money refunded. Go buy to-day, two boxes for 50c. Give them a fair, honest trial, as per simple directions, and if you are not satisfied, after using one box, return the unused box and the empty box to us by mail, or the druggist from whom you purchased it, and get your money back for both boxes. Take our advice: no matter what ails you—start today. Health will quickly follow and you will bless the day you first started the use of CASCARETS. Book free by mail. Address: STERLING REMEDY CO., NEW YORK or CHICAGO

I want to tell you a secret. The way to make yourself pleasant to others is to show them attention. The whole world is like the miller at Mansfield, who cared for nobody—no, not he because nobody cared for him. And the whole world would serve you if you give them the same cause. Let everyone in the world see that you care for them, by showing them small courtesies, in which there is no parade, whose voice is still to please, and which manifest themselves by tender and affectionate looks and little acts of attention giving others the preference in every little enjoyment at the table, in the field, walking, sitting or standing.

The surprise pile during the time of the Stuarts in England contained a dozen live frogs that leaped over the table when the cover was removed.

The most valuable bit of ore ever smelted was found in a mine at Ishpening, Mich. It was 200 pounds of quartz bearing gold assaying \$50,000 to the ton.

Think of paying \$250,000 for a single meal. That is what a wealthy Roman once did, when he wished to impress a dozen guests with his disregard for riches.

According to the Society for the Prevention of Cruelty to Animals there has been but one mad dog in New York City for twenty-eight years.

A meeting of 2,000 persons over seventy years of age is annually held at Leicester, England, and of these over 400 die before the next anniversary.

The Shah of Persia and the Sultan of Turkey each possesses a prayer mat, or rug, made of diamonds and pearls, and valued at \$2500,000 apiece.

Columbus discovered turtle soup. We can never sacrifice our influence.

Solomon's temple was begun 1004 B. C.

The church spire originated in the twelfth century.

Some butterflies have as many as 20,000 distinct eyes.

The catacombs of Rome contain the remains of about 6,000,000 people.

Sir Walter Raleigh had a court suit of armor of solid gold inlaid with jewels.

Harriet Martineau, when a child of seven was so enamored of the picture of paradise that she tried to cut her throat with a carving-knife in order to go there.

Under Henry V. of England an act of Parliament ordered all the geese in England to be counted and the sheriffs of the counties were required to furnish six arrow feathers from each goose.

GOT TO

Have Sharp Brains Nowadays or Drop Back.

The man of to-day, no matter what his calling, needs a sharp brain and to get this he needs food that not only gives muscle and strength, but brain and nerve power as well.

A carpenter and builder of Marquette, Mich., who is energetic and wants to advance in his business read an article about food in a religious paper and in speaking of his experience he said: "Up to three years ago I had not been able to study or use my thinking powers to any extent. There was something lacking and I know now that it was due to the fact that my food was not rebuilding my brain."

"About this time I began the use of the condensed Food Grape-Nuts and the result has been I can think and plan with some success. It has not only rebuilt my brain until it is stronger and surer and more active, but my muscles are also harder and more firm where they used to be loose and soft and my stomach is now in perfect condition. I can endure more than twice the amount of fatigue and my nights' rest always completely restores me. In other words I am enjoying life, and I attribute it to the fact that I have found a perfect food." Name given by Postum Co., Battle Creek, Mich.

WITH NERVES UNSTRUNG AND HEADS THAT ACHE

WISE WOMEN

BROMO-SELTZER

TAKE

TRIAL BOTTLE 10 CENTS.

Look in the mirror. How your face has gradually photographed your thoughts.

Mrs. Winslow's SOOTHING SYRUP for children teething, softens the gums, reduces inflammation, allays pain cures colic. Price 25c bottle.

Friendships formed for mere policy's sake will fall when the crucial test comes.

I can recommend Piso's Cure for Consumption for Asthma. It has given me great relief.—W. L. Wood, Farmersburg, Ind., Sept. 5, 1901.

The popular society woman is a party who pos sesses no violent opinions.

Edison is now at work with a plan to grease the sides of ships so that they slip through the water more readily.

How's This?

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & CO., Props., Toledo, O. We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by him. West & Triax, Wholesale Druggists, Toledo, O. Waldring, Kinnear & Marvin, Wholesale Druggists, Toledo, Ohio. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price 75c. per bottle. Sold by all Druggists. Testimonials free. Hall's Family Pills are the best.

FREE PROOF FORBIDS DOUBT.

GAINES, Pa., August 3, 1903.—"I received your sample of Doan's Kidney Pills and since have taken two boxes, and I can truthfully say they are as good as they are recommended to be. When I began taking them I could not bend my back enough to pick up a stick of wood—sometimes could not walk or move my feet—had two doctors but did not get relief. I saw your ad., and got a trial box and have taken two boxes, and I am able to do a very hard day's work. Doan's Kidney Pills are a God-send to humanity."—Mrs. ELLA A. MATTHEWSON, Gaines, Pa., Box 186.

The great fame of Doan's Kidney Pills is won by the wondrous power of the free trial to demonstrate surprising merit.

Aching backs are eased. Hip, back, and loin pains overcome. Swelling of the limbs, dropsy signs, and rheumatic pains vanish. They correct urine with brick dust sediment, high colored, pain in passing, dribbling, frequency, bed wetting. Doan's Kidney Pills remove calcium and gravel. Relieve heart palpitation, sleeplessness, headache, nervousness, dizziness.

NAME _____
 P. O. _____
 STATE _____

For free trial box, mail this coupon to Foster-McBride Co., Buffalo, N. Y. If above space is insufficient, write address on separate slip.

GAINESBURG, ILL., March 21, 1903.—"The sample of Doan's Kidney Pills came to hand. I also got one 50-cent box from our druggist, and am thankful to say the pain across the small of my back disappeared like a snowball in hot sun. Doan's Pills reach the spot."—ELMER WARREN.

CAMBRIDG, WYO.—"Previous to taking the sample of Doan's Kidney Pills I could scarcely hold my urine. Now I can sleep all night and rarely have to get up, and that aching across my back, a little above my hips, is gone."—ISAAC W. STEVENS, Cambria, Wyo.