

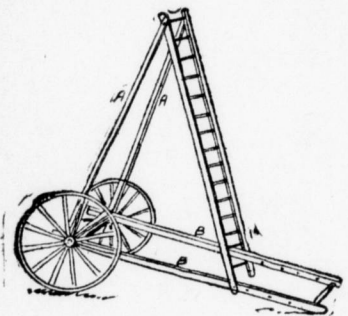


HANDY FRUIT LADDER.

Useful for Many Other Farm Purposes Besides That for Which It Was First Designed.

Below is the description of a ladder that will be found very handy about a farm, especially where there is fruit to be picked. Being mounted on wheels, it is easily taken to the place where wanted, and it has the advantage of being independent of support, so that there is no danger of a fall or of injuring the limbs of trees. It can be made of any height, according to the work required of it.

The wheels on which it is mounted can be taken from any farm machine.



EXCELLENT FRUIT LADDER.

very if there is not an old pair of cultivator wheels at hand. The axle should be at least four feet long to insure against upsetting. The ladder is made of two-by-four timber with inch holes bored in for the rungs. It is bolted at the top to the standards (a, a), which in turn are bolted to the axle. These are spread out at the bottom as far apart as the length of the axle will permit. This gives additional strength to the support of the ladder. The braces (b, b) are bolted to the bottom of the ladder and to the axle. This ladder will be found very handy in picking fruit from the tops of small trees and the extreme branches of the larger ones. By lengthening the braces (b, b) and boring corresponding holes in each at the ends the pitch of the ladder can be regulated by running a rod through the holes in the braces and ladder. J. L. Irwin, in Farm and Home.

GARDEN AND ORCHARD.

Look for borers and punch them to death.

What, the ground hard and dry around your newly-set trees? That won't do.

Look at the peach trees and see if any are likely to split down in a high wind after they get heavy with fruit. Do something to prevent this.

Is there a scale on the bark of some of your trees that you have not noticed before? Be careful and see that it is exterminated, or it may exterminate your trees.

Taking the country over, neglect and starvation are the fate of most orchards. As a result the trees lack vigor, and so are unable to resist attacks of insects, blight, yellows, black-knot and other diseases.

Get that young orchard of yours into the bearing habit. Do the necessary pruning each year instead of slashing only once in two or three years. Trees resent the latter treatment, and often insist upon bearing wood instead of fruit when so managed.

In thinning fruit it is a good way to do some pruning at the same time. Often one can get rid of a dozen specimens not needed by cutting off a twig, and the tree will be benefited, as well as the crop. We have never known a season that so much thinning was needed as this.—Farm Journal.

The Effects of Overbearing.

A tree has a certain amount of energy to be used in the production of fruit, and at first develops its efforts to maturing as many pips as possible. This habit is a provision of nature for the reproduction of the species. This great production of pips exhausts a tree so that there is little strength left for the development of the fleshy part of the fruit. More than this, there is only a small growth made and the tree cannot ripen its wood so as to pass a severe winter without being injured. Very few, if any, fruit buds will be formed for the following year's crop, and the tree must spend this season in recuperating and developing fruit buds for overbearing again the next season. If the limbs are not propped up many will be broken, thus giving the tree a ragged and unsymmetrical shape.—C. P. Close, in Farmers' Review.

Scale Insects on Grasses.

We generally think of scale insects as damaging trees and tree fruits. Most of us have never felt that we need concern ourselves about these insects on grasses. It is a fact, however, that in some parts of the country scale insects abound in the grasses. Whether or not they are to become a pest remains to be demonstrated. The Kansas Agricultural college has been investigating them and has just published a bulletin describing a considerable number of species. Nothing is said as to their harmfulness or necessity for measures of destruction. These points must yet be learned. The grass scales attach themselves to the plants near the roots or on the crowns. The greatest danger from them seems to be in relation to grasses on ranges and permanent pastures.—Farmers' Review.

HANDLING CORN FODDER.

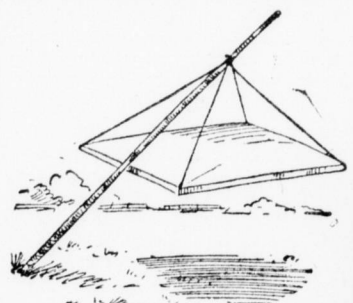
Illinois Farmer Describes in Detail the Method Pursued by Him for Two Years.

It may interest many readers to know how I handled my fodder. I have a small cutting box, arranged with a pulley for power attachment. I took two teams, using four wagons, two for hauling the fodder and two for receiving the cut stover. The corn had been husked by hand, except some which I had left for rich feed. I hauled the fodder to where I had a stationary engine for shelling corn. I can cut six fair-sized shocks—one wagon load—in 30 minutes and put the contents into the large wagon and haul to the stable loft or to a slatted corn crib. Around the latter I built a shed and manger, removed a slat or two, and let the cattle eat to their hearts' content without waste or further labor. I did this work at times in the early winter, generally when the engine was fired up, as we operated a grain station on the farm, using such help as was at hand. The small cutter used was constructed with a series of small knives adjusted in spiral shape, around a shaft in such a way as to partially cut off a stalk, then split it, another cut, another split and so on, leaving the mass in a short, slivered, soft and pliable condition. This can be stored in a compact form, can be handled in a basket or with a close-fitted fork; it is not easily thrown out of the manger; a greater proportion is eaten, practically all, if not too freely fed, and the refuse makes the finest bedding or absorbent extant. I have seen at work, but never used it, a somewhat larger cutter that snaps off, nearly clean of shocks, the ears of corn which drop below as the stalk passes through the knives. I consider this the ideal machine for the average farmer who can arrange some kind of power at his barn and handle his fodder from the shock as it suits his convenience. I do not think bulking dry fodder any disadvantage, as some do, and would cut it up as soon as possible. Two years ago I had only a little fodder, but as I did not have much stock I thought I could feed it out carefully without cutting it up. It was all gone before Christmas. Last year, situated as before, I hired a power to attach to the cutter at the barn, and the feed lasted me until some time in February. It pays to prepare the fodder right.—J. G. Wright, in Prairie Farmer.

COMFORT FOR CALVES.

How to Construct a Simple Shelter for Animals Exposed to the Hot Summer Sun.

It is so easy to provide a shelter from the sun for calves, tethered out in an open field that it is little short of criminal to allow the little animals to suffer as many do. Make a square frame of strips of wood, and cover it with cotton cloth or old burlap. Suspend this from a stake as shown in



SHELTER FOR CALVES.

the cut, setting the stake just far enough away from the hitching post so that the calf can go under the awning, but cannot wind his rope around the stake. Where there is no other shade this will make a calf comfortable and allow him to make proper growth, something which ought not to be expected when the calf has to lie down for hours under a blazing sun with nothing whatever to protect it from the heat.

With an apple or other trees are at hand, it can be tied so as to have advantage of the shade, while still being unable to find the rope about the tree trunk. A little thoughtfulness in such matters makes animals comfortable and keeps them growing.—N. Y. Tribune.

What Angora Goats Need.

Dr. Stanley says: Angora goats require much the same care as sheep and much the same feed except that goats are not so dainty and will eat much coarser feed. They eat coarse hay and straw and corn fodder about as sheep, only cleaner. Experience has shown that wherever sheep will thrive Angora goats will do well. Angoras are not grazing animals like sheep, but browsers. They prefer leaves and weeds to nice grass. In fact they run over grass to get leaves and weeds. Goats eat leaves and weeds for feed and then grass as a condiment. Sheep eat grass for feed, then a few weeds for condiment. Angoras dislike rain and mud, though cold and even snow they care not for.

Standard of Cavalry Horses.

The United States standard cavalry horse is an animal standing 15.1 to 16 hands, with short back, good bone, tendons and feet. The head of medium size, the neck rising from oblique shoulders and the carriage animated and graceful. Buck knees, or calked animals are rejected, the former conformation indicating weakness and the latter being indicative of stiff, ungraceful action. The more breech the appearance and the higher the finish the more acceptable to the service.

Maj. Alvord, states there are now approximately 10,000 creameries and cheese factories in operation in the United States.

Something Worse.

Jenson—What do you know about the horrors of war?
Bronson—I know a lot.
"You don't know a thing; you staid at home."
"I know I did; but I had to read the yellow journals every day."—Detroit Free Press.

Lane's Family Medicine.

Moves the bowels each day. In order to be healthy this is necessary. Acts gently on the liver and kidneys. Cures sick headache. Price 25c and 50c.

It Thrills Him.

Quinn—She kissed her hand to the audience only once. That's not enough to go around.
De Fonte—Oh, yes; stage kisses are flexible. Every man in the house thinks that that one kiss was for him.—Chicago Evening News.

Piso's Cure is the best medicine we ever used for all affections of the throat and lungs.—Wm. O. Endsley, Vanburen, Ind., Feb. 10, 1900.

A Bitter Drop in Joy's Cup—"Did the bride seem happy?" "No; the society magazine put her wedding eleventh in a column of 13."—Indianapolis Journal.

It requires no experience to dye with PUTNAM FADELESS DYES. Simply boiling your goods in the dye is all that's necessary. Sold by all druggists.

The benefactions of love are not original with us, but were ordained and predestined to our souls by the eternal goodness whence they come.—Boston Transcript.

Dyspepsia is the bane of the human system. Protect yourself against its ravages by the use of Beeman's Pepsin Gum.

"Past master of political arts, eh? Is there any higher degree?" "Oh, yes, postmaster, you know."—Detroit Journal.

Hall's Catarrh Cure

Is taken Internally. Price 75c.

Only fools fight friction; the wise reduce it.—Boston Transcript.

Inanimate Depravity.—The match which would not half-way light, he tossed aside in fretful spite; it did not then, of course, expire, but up and set the house afire.—Indianapolis News.

It seems as if it ought to be easy enough to break up a China army. Why not send a company of servant girls against it?—Indianapolis News.

By the "refining influence of women" in a house, is meant that a boy learns to repeat his rocking-chair, and learns not to repeat to the neighbors what his women folks say about them.—Atchison Globe.

Of Course.—"Our forecast man gets a good rest in July and August." "How's that?" "Why, when a lot of conventions and excursions are coming to town the hot weather just naturally runs itself."—Indianapolis Journal.

Ignorance is everywhere. In Boston there are persons who don't know a symphony from a senate, and in Chicago persons who don't know a prime ox from a canner.—Detroit Journal.

Balliff of the Court (to his German friend)—"There's a man that gives weight to that jury." German Friend—"So? How so?" Balliff—"He weighs an even 300." G. F.—"Ha, ha, dat's good. Vetch me buy dot shoe on Schmiedel. Schmiedel, dere is a man vet is a heavyweight on dot chury." Schmiedel—"Yah; he is a pig man. How moech he weighs?"—Indianapolis News.

The tempest broke. The ship reeled and quivered. The passengers huddled upon the deck in momentary expectation of being swept into eternity. A man clambered into the shrouds and waved his arm frantically. "Ladies and gentlemen," he shrieked, through the storm, "a straw vote will now be taken!" Some were for throwing him into the sea; others, more cruel, were for ignoring him altogether; only a few, one or two, perhaps, charitably reflected that this was the year of presidential elections, and that after all the man was but the innocent creature of the occasion.—Detroit Journal.



The tripping feet—the sparkling eye—the graceful movement—be-long not alone to the budding maiden.

These graces are the right—aye duty of every woman until the hair whitens—and regal dignity replaces them.

The mother who guards her strength has so much more to devote to the care and education of her dear ones. She should be a comfort—a cheer—always.

Yet how many feel that they have the strength to properly balance the home? The world is listless, weary and morbid. Its blood moves sluggishly and is full of impurities. It needs a kindling, invigorating tonic to set it afire—it needs Pe-na-na.

THE ONE MEDICINE

in the world which women may rely upon positively. Pe-na-na is good for everyone, but particularly for women. The various weaknesses which afflict their delicate organism spring from inflammation or catarrh of the mucous lining, and Pe-na-na is a specific for catarrh in any organ of the body. Any congestion of a mucous membrane simply means catarrh of the organ affected. This is why Pe-na-na cures all sorts of troubles where other remedies fail. If there is a catarrhal affection the matter with you anywhere Pe-na-na will cure you.

A. N. K.-C. 1826
RED ROPE ROOFING
1 cent per square foot, caps and nails included. Substitutes for Pe-na-na. The Fay Manilla Roofing Co., CAMDEN, N. J.

The Boxers of China

are attempting to solve a gigantic problem, but they are going about it in the wrong way and will never succeed. Some people, in this country, seem to think that they have as great a puzzle on their hands in selecting a location for a home. They will certainly go about it in the wrong way unless they inspect the beautiful farming country on the line of the Chicago, Milwaukee & St. Paul Railway in Marinette county, Wisconsin, where the crops are of the best, work plenty, fine markets, excellent climate, pure, soft water, land sold cheap and on long time. Why rent a farm when you can buy one for less than you pay for rent? Address C. E. Rollins, Land Agent, 161 La Salle St., Chicago, Ill.

Goodness without graciousness is ugly and toad-like; if he has a jewel, it is of the head and not of the heart.—Boston Transcript.

O-I-I-C

When a preparation has an advertised reputation that is world-wide, it means that preparation is meritorious. If you go into a store to buy an article that has achieved universal popularity like Cascarets Candy Cathartic, for example, you feel it has the endorsement of the world. The judgment of the people is infallible because it is impersonal. The retailer who wants to sell you "something else" in place of the article you ask for, has an ax to grind. Don't it stand to reason? He's trying to sell something that is not what he represents it to be. Why? Because he expects to derive an extra profit out of your credulity. Don't you see through his little game? The man who will try to sell you a substitute for Cascarets is a fraud. Beware of him! He is trying to steal the honestly earned benefits of a reputation which another business man has paid for, and if his conscience will allow him to go so far, he will go farther. If he cheats his customer in one way, he will in another and it is not safe to do business with him. Beware of the Cascarets substitute! Remember Cascarets are never sold in bulk but in metal boxes with the long tailed "C" on every box and each tablet stamped C. C. C.

His Point of View.

Fair Medical Student—What do you think of women for physicians?
Old Doctor—I think they are all right. Why, we derive two-thirds of our income from women.—Chicago Evening News.

\$500.00 a Very Low Estimate.

This is the opinion expressed by Charles B. Goldthwaite, of Troy, Ala., who wrote, as follows: "I would not take \$500 for the good Palmer's Lotion has done my son. The physician who had treated him for fifteen months pronounced it the worst case of Granulated Eyelids he ever saw." No household should be without Palmer's Lotion and Lotion Soap. If your druggist does not keep them, send his name to Solon Palmer, 374 Pearl Street, New York, and receive free pamphlet of testimonials and sample of Lotion or Soap.

The Unheard-Of Expected.

"George, what does a presidential candidate do when he receives the committee to notify him of his nomination?"
"Oh, he acts just like a girl who gets a proposal which she has been staying awake o' nights looking for."—Indianapolis Journal.

More Cheap Excursions to Colorado.

Special Trains, one night out to Denver, Colorado Springs and Pueblo via the Great Rock Island Route, will leave Chicago August 21, Sept. 4 and 18, at 4:45 p. m. On these dates excursion tickets from Chicago to Denver, Colorado Springs, Pueblo, Glenwood Springs, Salt Lake City and Ogden, Utah, will be sold at rate of one regular fare plus \$2.00 for round trip, return limit Oct. 31, 1900. Tickets also good on regular trains. For full information, berth reservations and beautiful book "Colorado the Magnificent," sent free, address John Sebastian, G. P. A., Chicago.

Man's economy is in telling his wife how to save money.—Arkansas Thomas Cat.

Do Your Feet Ache and Burn? Shake into your shoes, Allen's Foot-Ease, a powder for the feet. It makes tight or New Shoes Feel Easy. Cures Corns, Itching, Swollen, Hot, Callous, Smarting, Sore and Sweating Feet. All Druggists and Shoe Stores sell it, 25c. Sample sent FREE. Address, Allen S. Olmsted, L. R. R. N. Y.

Fortunate is the liar who loses his reputation.—Chicago Daily News.

To Cure a Cold in One Day Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c.



CASTORIA
For Infants and Children
Bears The Signature Of *Chas. H. Fletcher*
Over Thirty Years
The Kind You Have Always Bought
THE CENTAUR COMPANY, 77 MURRAY STREET, NEW YORK CITY.

If you will buy three
Old Virginia Cheroots
and smoke them to-day you will get the greatest amount of comfort and satisfaction that 5 cents will buy in a smoke, and get it three times over! You haven't any idea how good they are and cannot have until you try them. Try three to-day instead of a 5c. cigar. Three hundred million Old Virginia Cheroots smoked this year. Ask your own dealer. Price, 3 for 5 cents.

ABSOLUTE SECURITY.
Genuine
Carter's Little Liver Pills.
Must Bear Signature of *Wm. Wood*
See Fac-Simile Wrapper Below.

Very small and as easy to take as sugar.
CARTER'S LITTLE LIVER PILLS.
FOR HEADACHE.
FOR DIZZINESS.
FOR BILIOUSNESS.
FOR TORPID LIVER.
FOR CONSTIPATION.
FOR SALLOW SKIN.
FOR THE COMPLEXION.
GENTLELY BUT POWERFULLY.
Price 25 Cents
CURE SICK HEADACHE.

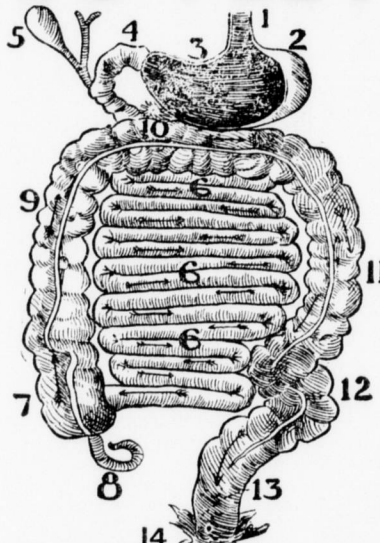
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A. H. HANSON, G. P. A., Chicago.

RHEUMATISM
Van Buren's Rheumatic Compound is the only positive cure. Post-orthopedic treatment for rheumatism. Depot 30 S. California Ave., Chicago.

EDUCATIONAL.
FRANKLIN COLLEGE New Athens, O. 76th year. 1200 students. Total \$129 a year: books free; board and room \$10 a week; laundry, fuel, etc., extra. Free with plan to earn funds at home. W. A. WILLIAMS, D. D., Pres.

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30 FEET OF BOWELS



are packed a way in your insides and must be kept clean, in order and doing business.

It's a long way, with many turns and pitfalls to catch the refuse and clog the channel if not most carefully cleaned out every day.

When this long canal is blocked, look out for trouble—furred tongue, bad breath, belching of gases, yellow spots, pimples and boils, headaches, spitting up of food after eating—an all-around disgusting nuisance.

Violent pill poisons or gripping salts are dangerous to use for cleaning out the bowels. They force out the obstruction by causing violent spasms of the bowels, but they leave the intestines weak and even less able to keep up regular movements than before, and make a larger dose necessary next time.

Then you have the pill habit, which kills more people than the morphine and whiskey habits combined.

The only safe, gentle but certain bowel cleansers are sweet, fragrant CASCARETS, because they don't force out the fecal matter with violence, but act as a tonic on the whole 30 feet of bowel wall, strengthen the muscles and restore healthy, natural action. Buy and try them! (Look out for imitations and substitutes or you can't get results. Cascarets are never sold in bulk. Look for the trade-mark, the long-tailed "C" on the box.) You will find that in an entirely natural way your bowels will be promptly and permanently

Made CLEAN and STRONG by



Get the genuine if you want results! Tablet is marked "CCC." Cascarets are never sold in bulk, but only and always in the light blue metal box with the long-tailed "C." Look for the trade-mark—the C with a long tail on the lid!

BEST FOR THE BOWELS
10c. 25c. 50c.
ALL DRUGGISTS

To any needy mortal, who can't afford to buy, we will mail a box free. Address Sterling Remedy Company, Chicago or New York.