

FARM AND GARDEN

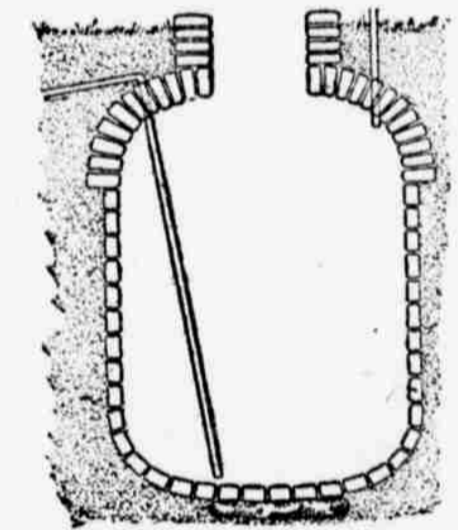
HOW TO BUILD BRICK CISTERN

Should Be Underground and for Durability and Best of Service Be Made Circular.

(FRED O. SIBLEY.)

A cistern for the collection and storage of roof water should be underground and, for durability and the best of service, be made circular. Dig a hole ten to fifteen feet deep, and from six to eight feet in diameter, depending on the quantity of water one wants to store. The site selected should be dry, for while a cistern can be built so as to hold water it is almost impossible to keep water out of it if there is a spring where the hole is dug.

Take pains that the hole is dug symmetrical, the sides smooth, and the bottom oval. For a foundation, a stone about two feet square should be used. Beginning on this lay a two-inch brick against the earth until the wall is nearly to the top of the perpendicular sides where the thickness should be increased to four inches. About five feet from the top the wall should be drawn in by tipping the outer edge of the brick a little at first and until the upper outside of them is at an angle of about 45 degrees when the arch is finished. A good mason can easily do this. The top of the arch should be about two feet below the surface of the ground. The circular neck should extend to or a little



Underground Brick Cistern.

above the level of the surrounding soil and be furnished with a cover.

An opening should be left near the top of the arch for an inflow, provided with a short piece of iron pipe which, cemented into the wall, rises an inch or two above the surface of the ground.

On the same level with the inflow where it enters the cistern there should be also an outflow, consisting of a joint of iron pipe carefully cemented into the wall and conducted away until there is a good outlet. By having this pipe extended to the bottom of the cistern water that contains the most impurities can be taken out, but in order to prevent the water from being siphoned out, as would occur if the outlet were lower than the bottom of the cistern, a hole must be drilled in the pipe at its highest point.

Good cement mortar is required to lay the bricks and when completed the interior should have an application of two coats of cement. The last one, a light coat, should be put on before the first is dry. It is best finished off with a whitewash brush.

MAKING AX HANDLE SECURE

Ax handles commonly wear out next to the head, especially where the ax is used for splitting. Drive a spike into the ax under the handle as shown in the cut, which will save the wear. This will serve to keep the head tight on the handle.

Secure.

FARM NOTES.

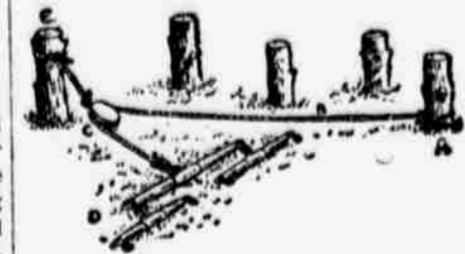
Plow the garden this fall. Potato growing is proving more profitable. Save seed from the best pumpkins and squashes. Sort out seed potatoes from most productive hills. Discard sweet corn for seed if it shows a trace of field corn. Beets that have taken second growth are spoiled for the table. Better apply manure to the garden now than to wait until spring. A dark cool house is an ideal place to store potatoes for the next 60 days. A lister is a good substitute for a potato digger; it is better than a plow as it has a double mold board. Leave the cabbages in the field until cold weather absolutely compels removal. They will keep better there than anywhere else. When it comes to hauling manure you cannot afford to do it in any other way than with a spreader. We used to think we could, but have realized our mistake. New varieties of potatoes are propagated by planting the seeds found in the potato balls. They will be very small at first but increase in size from continued planting. We always lay in a good supply of cotton gloves early in the fall. They are handy to chore in, and cheaper to wear when husking than to take all the wear and tear on the bare hands.

METHOD OF PULLING STUMPS

Illustration Showing Device by Which 200 or More Stubs May Be Removed in One Day.

(CHARLES J. MILLS.)

A very handy device for pulling peach stumps from old orchards, and can pull 200 or more a day by this means, is shown in the illustration. The limbs are cut off and the stumps, or left as long as possible. A short



Tackle for Pulling Stumps.

rope or chain with a single pulley is attached to the top of the stump. The anchor rope, b, which runs through the pulley, is fastened to the bottom of a stout stump, a.

A pair of steady horses is attached to the rope and always pull toward the anchor stump. With a steady pull there is no jumping or jerking, and they will walk right off as if pulling a loaded wagon. We use about 60 feet of one-inch rope, which costs \$2.40 and the pulley \$1.75, making a total cost of \$4.15.

ALFALFA IN ALL CLIMATES

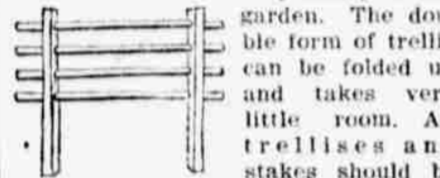
Has Proven Its Adaptability to Grow Everywhere and on All Kinds of Soils.

While experts have been declaring that alfalfa would only grow in certain soil, and in certain climates, it has proven adaptability to nearly all climates and almost all soils, says Coburn's book on Alfalfa. It produces with a rainfall as scant as 14 inches, and in the gulf states flourishes with 65 inches. It gives crops at an elevation of 8,000 feet above sea level, and in southern California it grows below sea level to a height of six feet or over, with nine cuttings a year, aggregating ten to twelve tons. An authenticated photograph in possession of the writer shows a wonderful alfalfa plant raised in the (irrigated) desert of southern California, 60 feet below sea level, that measures considerably more than ten feet in height. Satisfactory crops are raised, but on limited areas as yet, in Vermont and Florida. New York has grown it for over 100 years in her clay and gravel; Nebraska grows it in her western sand hills without plowing, as does Nevada on her sagebrush desert. The depleted cotton soils of Alabama and rich corn lands of Illinois and Missouri each respond generously with profitable yields to the enterprising farmer, while its accumulated nitrogen and the sub-soiling it effects are making the rich land more valuable and giving back to the crop-worn land the priceless elements of which it has been in successive generations despoiled by a conscienceless husbandry.

TRELLIS WILL STAND ALONE

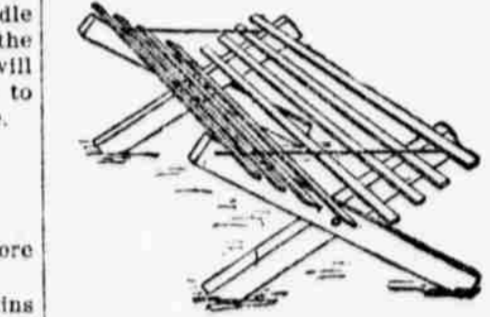
Plant Support as Shown in the Illustrations Is Very Handy in Any Garden.

A plant support or garden trellis, such as shown in the illustrations is very handy in the garden. The double form of trellis can be folded up and takes very little room. All trellises and stakes should be gathered as soon as the crop is harvested and stored under cover until the next season. They are useful for tomatoes, beans, peas, cucumbers, etc. The double trellis is built of two pieces of 2x3, which are bolted together for each leg and the top held in place by a piece of string or wire.



Trellis Stands Alone.

Costly Distribution. There are many things that fail to support the view that city consumers pay high prices for supplies because farmers are a benighted class who don't know how to produce things economically. We have already cited the case of milk, which costs the consumer several times what the producer gets for it, and there are many other instances, says the Baltimore American. Tomatoes that the producer sold for 75 cents a crate cost the consumer \$1.75. Cabbage that the producer sold for 35 to 50 cents a crate cost the consumer \$1.35, and so on. We repeat that wasteful production is less to blame than costly distribution for the prices consumers must put up for what they eat. When will both sides realize this and cooperate for better things?



Late Corn Fodder.

The feeding of late corn fodder to dairy cows should be continued just as long as the corn is at all green. It is a splendid supplementary feed with the short autumn pasture grass. If man were not vain the power of woman would cease.—Smart Set.

THANKSGIVING DAY

Canada's Day of Thanks a Month Earlier Than in the United States.

(CHARLES J. MILLS.)

For some reason better known to the Canadians themselves than to the people on this side of the line, our Canadian cousins celebrated their Thanksgiving a month or more earlier than we do. It may be that the Canadian turkey had become impatient, and sounded a note of warning, or it may be that the "frost on the pumpkin" declared itself. But whatever the reason, their Thanksgiving day is past. It may have been that the reasons for giving thanks so much earlier than we do were pushing themselves so hard and so fast that the Canadians were ashamed to postpone the event. They have had reasons, and good ones, too, for giving thanks. Their great broad areas of prairie land have yielded in abundance, and here, by the way, it is not uninteresting to the friends of the millions of Americans who have made their home in Canada during the past few years to know that they have participated most generously in the "cutting of the melon." Probably the western portion of Canada, comprising the provinces of Manitoba, Saskatchewan and Alberta, have the greatest reason of any of the provinces to express in the most enthusiastic manner their gratitude. The results in the line of production give ample reason for devout thanksgiving to Providence. This year has surpassed all others in so far as the total increase in the country's wealth is concerned. There is no question that Providence was especially generous. The weather conditions were perfect, and during the ripening and harvesting period, there was nothing to interfere. And now it was well it was so, for with a demand for labor that could not be supplied, there was the greatest danger, but with suitable weather the garnering of the grain has been successfully accomplished. There have been low general averages, but these are accounted for by the fact that farmers were indifferent, relying altogether upon what a good soil would do. There will be no more low averages though, for this year has shown what good, careful farming will do. It will produce 130 million bushels of wheat from seven million acres, and it will produce a splendid lot of oats, yielding anywhere from 50 to 100 bushels per acre. This on land that has cost but from \$10 to \$15 per acre—many farmers have realized sufficient from this year's crop to pay the entire cost of their farms. The Toronto Globe says: "The whole population of the West rejoices in the bounty of Providence, and sends out a message of gratitude and appreciation of the favors which have been bestowed on the country. The cheerfulness which has abounded with industry during the past six months has not obliterated the conception of the source from which the blessings have flown, and the good feeling is combined with a spirit of thankfulness for the privilege of living in so fruitful a land. The misfortunes of the past are practically forgotten, because there is great cause to contemplate with satisfaction the comforts of the present. Thanksgiving should be a season of unusual enthusiasm."

Allen's Lung Balm will cure not only a fresh cold, but one of those stubborn coughs that usually last for months. Give it a trial and prove its worth. 25c. 50c. and \$1.00.

Mr. Winstow's Soothing Syrup. For children's teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c. a bottle. The greatest necessity in a woman's life is love.

THE "NEW" NOVEL.



"Have you read my last book, Mr Goodchild?" "Well, no—er—to tell the truth, my mother won't allow me to."

FRANK J. CHENEY, Notary Public, Toledo, Ohio. Solely by all Druggists. Take Hall's Family Pills for constipation.

Afterward. Bachelor—Are wives as expensive as they are said to be? Allomony Victim—Not while they are wives. Important to Mothers. Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it bears the Signature of *Dr. J. C. Watson*. In Use For Over 30 Years. The Kind You Have Always Bought. Outclassed. Solomon mused. "My decisions are pretty good," he cried, "but I can't claim to be a Christian judge." Therefore he felt himself out of the running.

Shake Into Your Shoes. Allen's Foot-Ease, the antiseptic powder. It makes tight or new shoes feel easy. It is a certain cure for sweating, callous and hot, tired, aching feet. Always use it to break in new shoes. Sold by all Druggists. 25c. Trial package mailed Free. Address Allen S. Olmsted, LeRoy, New York. A philosophical man when considering his own troubles isn't. Lewis' Single Binder gives the smoker what he wants, a rich, mellow-tasting cigar. If man were not vain the power of woman would cease.—Smart Set.

LIKE SOME PEOPLE WE KNOW.



Sambo (to Dinah)—You say you truthful. Yes, sure you be full of truff, but you never let any out.

A NURSE'S EXPERIENCE.

Backache, Pains in the Kidneys, Bloating, Etc., Overcome. A nurse is expected to know what to do for common ailments, and women who suffer backache, constant languor, and other common symptoms of kidney complaint, should be grateful to Mrs. Minnie Turner, of E. B. St., Anadarko, Okla., for pointing out the way to find quick relief. Mrs. Turner used Dean's Kidney Pills for a run-down condition, backache, pains in the sides and kidneys, bloated limbs, etc. "The way they have built me up is simply marvelous," says Mrs. Turner, who is a nurse. "My health improved rapidly. Five boxes did so much for me I am telling everybody about it."

Remember the name—Dean's. Sold by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

in the Country. Mrs. Knicker—What do you suppose it was that Katy did? Mrs. Bocker—Left, of course.—Harper's Bazar.

Pettit's Eye Salve for 25c. Relieves tired, congested, inflamed and sore eyes, quickly stops eye aches. All druggists or Howard Bros., Buffalo, N. Y.

Well Posted. "Is he well posted?" "Yes, at every club he belongs to."—Harvard Lampoon.

Allen's Lung Balm. Will cure not only a fresh cold, but one of those stubborn coughs that usually last for months. Give it a trial and prove its worth. 25c. 50c. and \$1.00.

To consider anything impossible that we cannot ourselves perform.

WANTS HER LETTER PUBLISHED. For Benefit of Women who Suffer from Female Ills. Minneapolis, Minn.—"I was a great sufferer from female troubles which caused a weakness and broken down condition of the system. I read so much of what Lydia E. Pinkham's Vegetable Compound had done for other suffering women I felt sure it would help me, and I must say it did help me wonderfully. My pains all left me. I grew stronger, and within three months I was a perfectly well woman. I want this letter made public to show the benefit women may derive from Lydia E. Pinkham's Vegetable Compound."—Mrs. JOHN G. MOLDAN, 2115 Second St., North, Minneapolis, Minn.

Thousands of unsolicited and genuine testimonials like the above prove the efficiency of Lydia E. Pinkham's Vegetable Compound, which is made exclusively from roots and herbs. Women who suffer from those distressing ills peculiar to their sex should not lose sight of these facts or doubt the ability of Lydia E. Pinkham's Vegetable Compound to restore their health. If you want special advice write to Mrs. Pinkham, at Lynn, Mass. She will treat your letter as strictly confidential. For 20 years she has been helping sick women in this way, free of charge. Don't hesitate—write at once.

Paper-Hangers & Painters. You can greatly increase your business with no extra investment by selling Alfred Potts' Prize Wallpaper. We want one good worker in each vicinity and to the first worthy applicant will send FREE by prepaid express, five large sample books showing a \$250,000.00 Wallpaper Stock for customers to select from. Write for trial profile to our representative. Answer quickly that you will get the name in your vicinity for 100 Alfred Potts Co., 414-116 Wabash Ave., Chicago.

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Best for Children. PISO'S CURE. THE BEST MEDICINE FOR COUGHS AND COLDS. Gives instant relief when little throats are irritated and sore. Contains no opiates and is as pleasant to take as it is effective. All Druggists, 25 cents.

Silence!

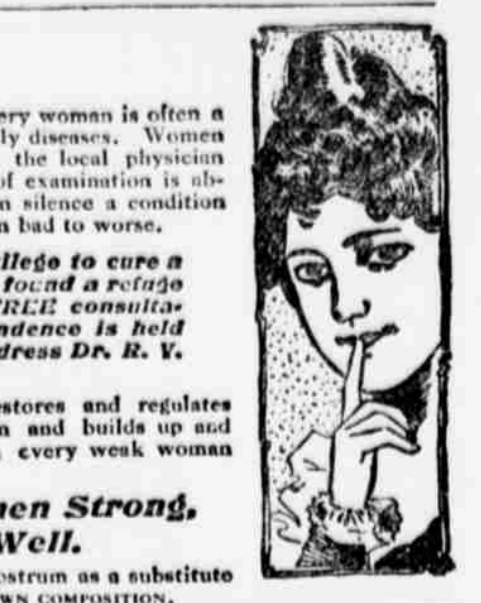
The instinct of modesty natural to every woman is often a great hindrance to the cure of womanly diseases. Women shrink from the personal questions of the local physician which seem indelicate. The thought of examination is abhorrent to them, and so they endure in silence a condition of disease which surely progresses from bad to worse.

It has been Dr. Pierce's privilege to cure a great many women who have found a refuge for modesty in his offer of FREE consultation by letter. All correspondence is held as sacredly confidential. Address Dr. R. V. Pierce, Buffalo, N. Y.

Dr. Pierce's Favorite Prescription restores and regulates the womanly functions, abolishes pain and builds up and puts the finishing touch of health on every weak woman who gives it a fair trial.

It Makes Weak Women Strong, Sick Women Well.

You can't afford to accept a secret nostrum as a substitute for this non-alcoholic medicine of known composition.



SICK HEADACHE

CARTER'S LITTLE LIVER PILLS. Positively cured by these Little Pills. They also relieve Distress from Dyspepsia, Indigestion and Too Hearty Eating. A perfect remedy for Bloating, Flatulence, Nausea, Drowsiness, Bad Taste in the Mouth, Coated Tongue, Pain in the Side, Headache, Biliousness, and all the other ailments of the Bowels. Purely Vegetable. SMALL PILL. SMALL DOSE. SMALL PRICE.

Genuine Must Bear Fac-Simile Signature. REFUSE SUBSTITUTES.

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One gets it by highway men—Tens of thousands by Bad Bowels—No difference. Constipation and dead liver make the whole system sick—Everybody knows it—CASCARETS regulate—cure Bowel and Liver troubles by simply doing nature's work until you get well—Millions use CASCARETS, Life Saver!

Get More for Furs. One shipment will convince you that we pay the highest prices for furs—more than 25% more in actual cash than any other house.

Funsten Bros. & Co., 143 Elm St., St. Louis, Mo.

WESTERN CANADA

What Prof. Shaw, the Well-Known Agriculturist, Says About It: "I would sooner raise cattle in Western Canada than in the corn belt of the United States. Food is cheaper and climate better for the purpose. Your market will improve for your produce. Farmers will produce the supplies. Wheat can be grown up to the 60th parallel 150 miles north of the International boundary. Your vacant land will be taken up into profitable occupation. We have enough people in the United States alone who want homes to take up the land." 70,000 Americans will enter and make their homes in Western Canada this year. 1904 produced another large crop of wheat, and in addition to which the cattle exports with an immense herd of cattle, horses, mules, mares, ponies, sheep, goats, and swine growing in the provinces of Manitoba, Saskatchewan and Alberta. Free homesteads and pre-emption areas as well as lands held by railway and land companies, will provide homes for additional immigrants. Adaptable soil, beautiful climate, ample water, fine churches and good schools. For settlement, land, tips, how to reach the country and other particulars, write to Sig. G. F. Jennings, Ottawa, Canada, or to the Canadian Government, W. V. BENNETT, 601 New York Life Bldg., Omaha, Neb. (This address nearest you) 65

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PARKER'S HAIR BALM. Cleanses and beautifies the hair. Promotes growth. Keeps the scalp cool. Hair to its youthful color. Cures scalp diseases. Hair falling out. Write for catalogue of trappers supplies.

Thompson's Eye Water. W. N. U., LINCOLN, NEB. 48-1909.

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