



ORCHARD IRRIGATION.

Principle of Capillary Attraction to Be Put to Practical Use by Colorado Horticulturists.

Irrigation on the capillary attraction principle is now being investigated by the state board of horticulture and the government experiment station at Fort Collins with a view to recommending it for adoption in this state. Fruit growers who have experimented with the scheme declare it to be entirely feasible and much more effective than the old way of feeding moisture to trees by way of the roots.

Flage Carter, of Park county, the first person to try the plan in this state, wrote Gov. Orman some time ago explaining the method of irrigating a tree by capillary attraction. He takes a vessel, a pan or a bucket, or anything that can be tied to a tree limb and will hold water. He fills it with water and then bends a twig about the circumference of an ordinary lead pencil into the water. The liquid will be rapidly absorbed by the twig and in turn water will enter the limb and soon permeate every part of the tree. The problem of keeping the vessels supplied with water is not a difficult one, for the reason that a half gallon of water will do as much irrigating as many cubic inches under the present plan, the adherents of the scheme claim.

"Capillary attraction is the future of orchard irrigation," says the originator of the proposition. "I took up the matter two years ago, but did not put it to a test until this spring. Then I had two trees that needed attention badly, and I experimented with each. One young tree had been rubbed thoroughly by a horse and was wilted badly. I applied my method of watering it, and within one week it completely revived. I next treated a sick apple tree, and now it is all right, thanks to capillary attraction principle."—Denver Post.

THE ONION IN FAVOR.

It Is Having a Boom Just Now in Various Sections as a Reliable Money Crop.

The onion is having a sort of boom in various sections just now as a good money crop. Onions, it is hardly necessary to state, may be grown from seeds or sets. Bailey has described up to date onion culture in brief as follows:

If seeds are used, they may be sown in the open ground where the bulbs are to mature, or they may be sown in green houses or hotbeds and the young plantlets transplanted to the rows in the open ground. In sowing out of doors seeds should be put in as early as possible in shallow drills three to 3½ feet apart and covered with a half-inch of fine moist earth. They need to be very carefully weeded at first, but if the ground is clean and mellow and the rows straight the wheel hoe will be able to take full charge of the work early in the season. It has been repeatedly shown that cheaper, better and earlier onions can be grown by transplanting the plants from greenhouses or hotbeds, where the seeds are sown very early. When the plantlets are as large as a lead pencil, they are set four inches apart in rows three feet asunder, and cultivation is immediately begun with the wheel hoe. In growing from sets the planting is made in much the same way. Multiplier or potato onions are similarly managed.

Prize Taker is probably the most popular variety of the present day.—Cincinnati Commercial-Tribune.

TIMELY GARDEN NOTES.

Label all seeds before putting away. Use both name and year grown on the label.
Fruit cans, baking powder cans and such like, make good storage places for garden seeds.
In northern latitudes raspberry and blackberry bushes should be laid down for winter protection.
Work up down trees for firewood before felling any more, and so help the looks and increase the value of the wood lot.
Cabbage and turnips will stand quite hard frosts, but it is not safe to risk them out in the field or garden after the middle of November.
When you get to getting out the year's fuel from the wood lot do not slash into the trees thoughtlessly. Select those that interfere with others or those that are dead or that are so situated that they will never amount to anything but firewood. Then fell them so as to break down as few as possible other trees when they fall.—Farmers' Voice.

Proper Time for Grafting.
Grafting should be done late in winter or early in the spring. Plum and cherry trees ought to be grafted before growth starts. Apple and pear trees may be grafted later, even after they start to grow. Scions for grafting should be cut early in the winter and kept in the cellar, wrapped with damp moss, or in some manner to prevent drying. Budding is done in July or August, and sometimes as late as September.—Midland Farmer.



ROAD IN FARM IMPROVEMENT.

ROLLING EARTH ROADS.
Department of Agriculture Points Out the Importance of the Free Use of the Roller.

Where earth roads are to be cared for, the roller is an important implement. This is pointed out by M. O. Eldridge in a recent bulletin issued by the department of agriculture. He calls attention to the fact that earth is composed of small fragments which touch each other at certain points, leaving voids between. Where earth is broken and pulverized, these points are equal in volume to the solid particles, and as a

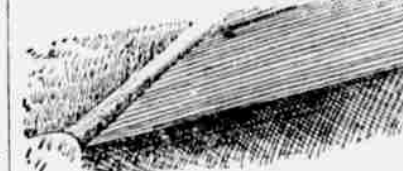


AN UNROLLED ROAD.

result, the earth will absorb almost an equal portion of water.

In building or maintaining roads, it is therefore desirable that these small particles be pressed and packed into as small a space as possible, in order that surplus water may not pass in and destroy the stability of the road. To this end, rolling is very beneficial. The work of maintaining earth roads will be greatly lessened by the proper use of the roller.

After additional matter has been placed on the surface of the road, it should be carefully rolled and not allowed to wash off into the ditch.



AN IDEAL ROLLED ROAD.

If the earth is left loose, wheels will cut in and result in ridges and furrows which will hold water and result in a sticky, muddy surface in winter weather and a dusty one in dry weather. If the surface is gone over with a heavy roller, it can usually be made sufficiently firm to sustain teams without deep rutting and to resist in a large measure the penetrating power of the water. Such work should be done when the soil is in a plastic state, so that it will pack readily. The moist particles are pressed together and the road is put in good condition for immediate travel.—Orange Judd Farmer.

KEEPING ROADS SMOOTH.

Greatest Common Need in This Country Is the Frequent Inspection of Public Highways.

It is more convenient to look after earth roads in spring and fall, but do not allow them to take care of themselves for the remainder of the year. The greatest common road need in the United States is frequent inspection. If this is given daily, no extensive repairs will be necessary, and instead of a road becoming worse, it will improve from day to day.

The road should be carefully leveled at all times with a drag, smoothing harrow or any instrument that will fill up the ruts, level down elevations and keep the road so that water will run off readily as soon as it falls. The best method of doing this must be decided upon by each locality. In some places the road grader is used with the best results. The great difficulty has been that sufficient road graders are not available to keep all the roads in any particular section in the best of condition. Drags so constructed as to level the road and draw the earth near the middle are very satisfactory and are not at all expensive. Any farmer can make them for himself.

It is very important to prevent water standing on the surface, but it is equally important to see that it is also removed from ditches alongside the road. This can sometimes be accomplished by having good open drains, but in most cases these should be supplemented by tile. Just where to place the tile is frequently a problem. In the comparatively level sections of the central west, a tile in the bottom of the ditch at either side of the road is probably all that is necessary.

If the land inclines to wash badly, this tile should not be placed in the bottom of the ditch, for it will soon become uncovered and ineffective. Place it either nearer the road or between the ditch and the road fence. The depth for the tile and the size to be used will all depend upon the amount of water to be removed, the character of the soil, etc. Where the tile is very carefully laid, one inch of fall to the 100 feet is sufficient.—Orange Judd Farmer.

Trees Planted in the Fall.
When planted in the fall, all trees should be banked up at least one foot high until spring. This overcomes the tendency of the trees to heave out, protects them from mice and prevents the roots from freezing before they have taken hold of the soil. In planting roses, shrubs, vines, and other delicate stock in the fall, the tops should be nearly or quite buried with mellow earth during the first winter. The surplus earth should be removed early in the spring.—Horticultural Visitor.

Relief

From Headache and Neuralgia

In a Few Minutes After Taking

Dr. Miles' Anti-Pain Pills. Chronic Case Cured.

"I cannot speak too highly of your remedies and I will always tell my friends how much they have done for my husband and myself for sudden attacks of headache, neuralgia and rheumatic pains. There is nothing equal to Dr. Miles' Anti-Pain Pills. They are simply splendid and give relief in fifteen or twenty minutes. I used to be subject to attacks of headache, which had become chronic, and I took a course of Nerve and Nerve and Liver Pills in connection with the Anti-Pain Pills. The result is I now have very little trouble in that way. My husband has also taken these remedies and praises them very highly. We always have some of both kinds of pills in the house, and do not feel that we could get along without them.—MRS. KATE K. JOHNSON, McClellandville, DeWitt, Mo."

There are many reasons why you should take Dr. Miles' Anti-Pain Pills, but the best reason is that they will give you almost instant relief from headache or other pain. In cases of chronic headache, when the sufferer knows an attack is coming on, a Pain Pill will usually prevent it entirely. In cases of extreme nervous exhaustion, when the brain is too tired and the body too nervous to rest, an Anti-Pain Pill will soothe the nerves so that sleep may come. I used to suffer, yet contain no opiates and are non-laxative.

All druggists sell and guarantee Dr. Miles' Anti-Pain Pills. They are non-laxative, contain no opiates, never sold in bulk, 25 doses, 25 cents. Dr. Miles Medical Co., Elkhart, Ind.

THE EVENINGING NEGRO.

Farmer Dink—It's just three weeks since Deacon Flintrock's death, and I fear that the lawsuit he'd been carrying on so long was decided in his favor yesterday, and there's 'most \$1,400 'comin' to him;—that is, 't would if he were livin'.

Farmer Whiffletree—By swanny! The deacon won't never git over bein' sorry he didn't hold on for a spell longer.—Puck.

The Vital Question.

It was during the heat of the great campaign. The orator of the evening became eloquent as he reached his peroration. "Men of the 'Steenth Assembly district, are you husbands, are you fathers, are you men? In a word, are you willing to sell your suffrages?" "Now, that's business," cried a rough voice from the crowd. "How much will you pay for them?"—N. Y. Times.

Concerning the Future.

They were seated in the parlor conversing on the uncertainty of life. She—The future is a vast, unfathomable mystery to us, isn't it? He—Yes; all we know is that we have to go some time. Voice from the Library—It would suit the convenience of this household if you'd make it sooner than that.—N. Y. Herald.

Room for Sorrow.

Mistress—Poor, darling, little Topsy! I'm afraid she will never recover. Do you know, Bridget, I think the kindest thing would be to have her shot and put out of her misery! Bridget—Deed, ma'm, I wouldn't do that. Sure, she might get better, after all, an' then ye'd be sorry ye'd had her killed!—Punch.

Matronly Warning.

"The farmer," said the young turkey, "seems to be very fond of me. He throws the choicest morsels of corn to me every day, and in many ways shows his admiration for me." "Well," advised the old turkey, "I wouldn't let it go on if I were you. You are apt to lose your head over it."—Judge.

Effective.

Ejinks—Do you believe in the possibility of the cure of disease by suggestion?

Ejinks—Why, certainly. I was feeling pretty sick last week, and my wife suggested that I go to a doctor, and it cured me right away.—Somerville (Mass.) Journal.

Their Significance.

Edith—Do you understand the language of flowers? Ethel—I do. Edith—Then what does this bunch of rare orchids that Albert sent me signify? Ethel—That a fool and his money are soon parted.—Judge.

Probably.

"It is a terrible storm," said Dusty Dennis, crawling under the lumber pile, "and I think I have been bitten by a dog."

"Der are no dogs about, pard," replied Timothy Ties. "Dat so? Well, maybe it was de teeth of de gale."—N. Y. Herald.

Measurement.

"Which do you think should be more highly esteemed, money or brains?" "Brains," answered Senator Sorghum. "But nowadays the only way a man can convince people that he has brains is to get money."—Washington A \$3,000 dog was stolen in St. Louis one night recently. A dog like that ought to be put in the safe every day at sundown.

The man who is always going to do great things to-morrow usually spends to-day in worrying over trifles.

A man who is crooked in politics is only straight in his private business because he is afraid of the sheriff.

One whose word is as good as his bond is generally careful of his words.

New Goods at Schnee

I have just returned from the Eastern Cities with a nice stock of Merchandise at bargain prices to every person. Call on my stock before purchasing elsewhere.

SHOES REDUCED 25 per cent.

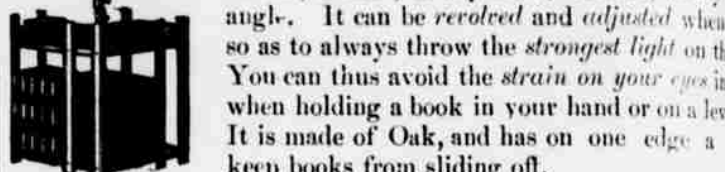
All ladies and misses shoes have been reduced 25 per cent. Men's Wool lined Rubber boots, made by the Indigo Co., reduced to \$2.50. Ladies first quality rubbers 40c.

LADIES FUR SCARFS
Worth \$4.00 reduced to \$3.00.
A full line of Dress Goods at Bottom Prices.

HENRY HARDING, SCHNEE, PA.

MARSH Reading Stand and Revolving Book-CASE

ADJUSTABLE TOP.
Is 14x18 inches; large and strong enough to hold your DICTIONARY, DIRECTORY, DUN, BRADSHAW BIBLE, ATLAS, or any heavy volume, at any angle. It can be revolved and adjusted when you so as to always throw the strongest light on the page. You can thus avoid the strain on your eyes when holding a book in your hand or on a level. It is made of Oak, and has on one edge a device to keep books from sliding off.



REVOLVING CASE.
This CASE is 15x15x12 inches. The shelves are of Oak or Ash, finished on both sides and on all sides and have 9 inches of book space on four sides, or 3 feet in all, room enough for reference books of daily use. Many books may be placed on the upper shelf. In all twenty to thirty volumes, size, can be put in it.

CASTINGS connecting the top and CASE are finished in black and of sufficient strength to last a life-time.

Pipe, Post and Legs.
The 3 legs are attached by round-headed screws to the turned top. Into this post is forced an iron pipe, which runs up through the center and to which the castings at the top are attached. Around this the CASE revolves.

As a HOME, OFFICE or LIBRARY article we claim its equal does not exist. The accuracy of this statement can be confirmed by unsolicited letters of the highest commendation from thousands of Ministers, Attorneys, Physicians, Government, State and County Officials, Bankers and Business Men. Over 50,000 have been sold in the United States and orders now come for large lots from England and other countries.

HOW FINISHED.—It is handsomely finished in antique mahogany and an ornament to any Office, Library or Parlor.

AS A GIFT.—Nothing made is more suitable to present to a friend or as a Wedding or Birthday Gift than this Stand.

HOW SHIPPED.—This Stand is sent knocked down, wrapped in heavy paper, making a package of 20 lbs. By Freight it goes second-class, and at about half what it would cost if sent by express. Plain directions for putting together accompany each Stand. While the regular price of this Stand is \$7.00, for a short time we are allowed to sell them at the wholesale rate of Three Dollars, Five Cents, B. B. Chicago. Or we will send the Post one year prepaid and have Stand shipped F. O. B. Chicago, for \$3.50.

The POST,
Middleburg, Pa.

FURNITURE

Here is an excellent **TUFTED COUCH**, best durable valour covering, excellent quality springs, just the thing for any easy rest, only **\$7.25.**

Extension Tables, beautiful finish, 6 ft. long. \$5.00; 8 ft. \$6.00; 10 ft. \$7.00.

Beautiful Writing Desk, Top 26x48, highly polished four drawers, 17x11 and a cupboard with two departments. Two persons can use it at the same time. It is finished on all sides so that it can be placed in the middle of the room. It is a bargain at \$8.50.

Strong Oak Stand, or centre table, 28x36 square, extra shelf below, only 95c. Better grades and more expensive finish, \$1.85 and \$2.50.

Large Arm Rocker, A good easy chair, a special bargain at \$1.50. Other rockers, \$1.60, \$2.00, \$4.00 and \$4.50.

PICTURES, fruit and scenery, size 27x31 in oak, oxydized and gilt frames, easel, worth \$1.50, selling now for \$1.00.

Chairs. Kitchen and dining room chairs, a nice assortment, \$3.25, \$4.50 and \$5.50 per half doz.

I have also a nice assortment of beds, mattresses and springs. Come early.

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