

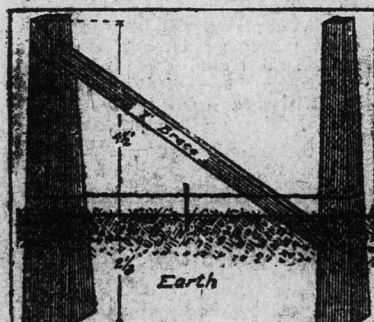
FARM TOPICS



BRACING A CEMENT END POST

How to Construct a Pillar That Will Not Give Way in Stretching a Fence.

In order to brace an end post securely, first plant the post 8 1/2 feet deep, says a writer in *Indiana Farmer*. Be sure that the dirt is well tamped around the post. Packing the first foot well is the most essential thing in making a post stand firm. Lean the post back about three inches. This leaning causes the post to pull to the ground instead of lifting out of the ground, as it will do if it leans the other way. Then cut a notch about half way between the ground and top of the post for end of brace to rest in. Then plant a smaller post about six feet in front of end post for foot of brace to rest against, placing top side of lower end of brace six inches below the surface of the ground with a flat rock under it (to keep the brace from settling in the ground). Now pass three strands of well-galvanized No. 9 wire around the two posts, making six strands of wire to twist together.



Brace for Cement End Post.

gether. Fasten the ends of the wire together, so they will not slip. Take a rod about 1 1/2 inches long, place between the six strands of wire and twist them together. Do not neglect to twist them tight, for this is the secret in making the posts stay in position. If my instructions are followed the fence stretchers is not made that will move the end post one inch at the top.

POTATO CULTURE PROFITABLE

Certain Sections of Country Where Irish Potato is Best Growing Crop on the Farm.

There are certain sections of the United States which, owing to climatic conditions, combined with the nature of the soil, better adapted to the growing of the Irish potato than probably any other farm product, and as this crop can be marketed at remunerative prices on an average of four years out of five, the farmers of what is known as the "potato districts" rely almost entirely upon this product for their money crop; therefore, it becomes necessary for them to secure as great a quantity of tubers as possible from each acre of land planted, from a minimum amount of labor and expense, in order to get the greatest percentage of profit obtainable.

The soil best adapted to growing the potato is a sandy loam well supplied with vegetable matter. This kind of a soil is not available in all cases and we have to be content with that of a heavier nature. In that case it is advisable to turn under a sod of some character, preferably clover, which will serve to keep the land in a mellow condition and retain the moisture longer than if the soil should become more compact.

More attention every year is being given to the selection of seed, and the most successful potato growers have long ago discarded the using of culls for seed potatoes. Experiments have shown that an ordinary size potato cut in quarters will often produce 25 to 30 per cent more salable potatoes per acre than when cut with only one eye to the piece.

If proper precautions are taken and treatments begun in time there are none of the enemies of the potato, which if properly handled, cannot be reduced to a nonentity as far as damage to the crops is concerned.

For Slugs or Snails.

Salt is a sure remedy for the slugs or snails, says the *Ohio Farmer*. Discretion, however, is always necessary in its use, as it is liable to kill or injure plants to which it is applied at all freely. We find ordinary salt slacked lime just as sure to kill slugs as salt, and probably much safer. Slugs are night feeders, leaving their hiding-places and feasting on the leaves first reached (usually the lower ones) shortly after sundown. To destroy the pest dust the lower parts of the foliage of affected crops lightly with the salt-slacked lime. The effect is immediate. Next morning you will find the remnants of the dissolved slugs.

Value of the Berry Patch.

Where an old berry patch has been cleaned out is fine for a crop of melons or potatoes. Then it should be sown to cow peas or clover. Rather of these crops are fine for storing up fertility in the soil. An orchard may be started on reasonably thin soil if the proper care is given to store up plenty of fertility for the use of the trees in producing their crops of fruit.

CONCRETE DYKE PROTECTS.

Huge Embankment Constructed at Cincinnati to Protect Farm Lands and Road Bed.

To prevent the Ohio river, during a flood stage, from sweeping away a road, bed and to protect farm lands, the city of Cincinnati is spending over



Building a Dyke.

\$100,000 in building a concrete dyke along the sides of the roadway, says *Popular Mechanics*. The big dyke will be over a mile long when completed and represents one of the largest pieces of concrete work ever done in that vicinity. The concrete slopes at an angle of 45 degrees and varies in height from 15 to 35 feet.

The illustration gives a scene at the laying of the concrete on the sloping sides of the roadway. The concrete is laid in strips of six feet wide so that men can work the surface conveniently. When one set of strips is sufficiently hard to bear the weight of the men the intervening strips are filled in.

FARMING MODERNIZED.

Agriculture Has Not Escaped Revolution of Machinery in All Kinds of Industries.

Agriculture has not escaped the mighty revolution of machinery that has swept all kinds of production within the last half or even quarter century. Many of our readers can remember the bull plow with the wooden mold-board; when the spike tooth harrow was considered perfection; when seeding and planting of all kinds were mostly done by hand; when the cradle gathered and the fall threshed wheat and other small grain.

But the wooden mold-board plow, which was only a few degrees removed from the forked stick of the savage, has given place to the chilled steel share that cuts and turns a clean furrow to different widths and depths, and under this have been placed wheels so that now the farmer rides as he breaks his land instead of trudging weary miles in the yielding soil. Again, in many places, though not generally, plowing is done by steam and gasoline engines, and these will increase, as agriculture is put more and more upon a business basis.

The harrow has followed the development of the plow, the spring tooth and riding disc harrows being quite generally in use and increasing yearly.

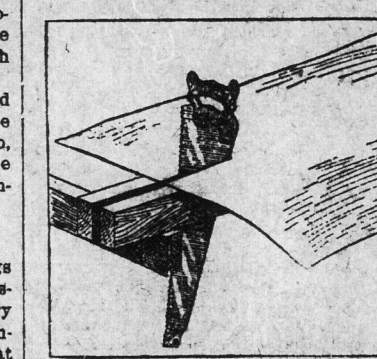
The riding cultivator is known in almost every farm community.

Wheat drills and corn planters put in by far the greater portion of these crops, and machines for planting potatoes and other root crops are by no means uncommon.

CUTTING TIN WITH HAND SAW

Instructions for Cutting Metal When a Pair of Snips Are Not Handy.

A carpenter's kit of tools does not usually contain a pair of tin snips, and when he is putting on siding or finishing a fancy gable he finds it necessary to use some tin snips. The tin can be cut with the back of a hand saw. Place two pieces of material having straight edges together on a



The Saw Blade Cuts the Tin.

pair of horses. Nail another piece across the bottom of the parallel pieces and put the saw in between them. Place the tin flat on top of the pieces back of the saw and pry down on the saw handle, as shown in the sketch, and the back of the saw blade will cut as good as tin snips.

Strange Growth of Olive Trees.

Attention is seldom called to a remarkable and curious characteristic of the olive tree. After many years of growth the different large branches of the trees separate gradually from the trunk until they are quite divided from one another down into the roots. These then slowly move apart, and in some instances six or seven distinct trees stand in the area which before surrounded the main tree, and they will sometimes be as much as 20 feet apart.

HORTICULTURE

PRUNE AND TRAIN GRAPE VINE

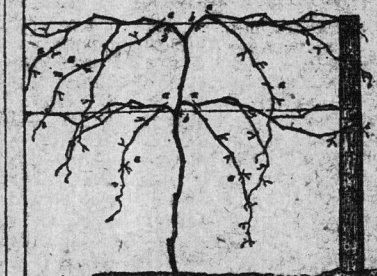
To Grow the Best Fruit the Vines Should Be Frequently Cut Back and Renewed.

The grape vine should be planted slightly deeper than it was in the nursery and cut back to a strong bud. Only one shoot should be allowed to grow.

The next spring it should be again cut back to a strong bud, the length of the cane varying with its size, says the *Prairie Farmer*. The terminal bud only should be allowed to develop and the cane should be tied to a stout stake as it grows.

The next spring it should be cut back at the height of four or five feet, according to the kind of trellis to be used, and three buds at the top should be allowed to develop into shoots.

The following spring the vines will be ready for a trellis. The favorite forms are known as vertical and horizontal. The vertical trellis consists of



Vine of Vertical Trellis, Showing Forearm Kniffin System. (a) Points for Pruning for Complete Renewal. (b) Method of Tying.

eight-foot posts set two and one-half feet in the ground at intervals of twenty to thirty feet. These generally carry two lines of No. 10 galvanized wire, respectively four and five and one-half feet from the ground. The end posts should be strong and well braced, and the wire should be so arranged that the slack can be taken up when necessary. The other posts need not be very large if twenty feet apart, but for thirty feet good-sized posts are desirable.

The horizontal trellis differs in having a 2x6-inch strip placed on edge horizontally at the top of the post, so as to form an arm two feet long, upon which three wires are carried.

The previous year's three shoots were grown on each vine. For the two-wire (vertical) trellis two of them should be placed on the lower wire and cut back to ten buds each. The other shoot should be cut off at the height of the upper wire, and a shoot from it should be trained in each direction. For the three-wire (horizontal) trellis, a shoot should be trained upon each of the wires, two in one direction and one in the other, and all should be cut back to eight buds.

The simplest and most satisfactory method of training the grape is by the Kniffin system. The fruiting arms are tied to the wires in the spring and the new shoots as they come out are allowed to hang down.

To grow the best fruit, whatever system is used, the vines should be frequently cut back and renewed. Some prefer to renew all the canes each year, starting all of them from the main trunk of the vine, while others renew but once in two years.

Whatever the method of pruning or training, one should endeavor to leave about 40 buds upon each vine, and these could be as near the main trunk as possible.

WARNING TO FRUIT GROWERS

Crown Gall is Warty Outgrowth or Excrescence Upon the Apple, Peach, Pear and Other Trees.

Crown gall is a term applied to certain warty outgrowths or excrescences upon the apple, pear, peach, raspberry, etc., forming chiefly on the parts below ground. On the apple these growths are more apt to occur on grafted trees at the union of the root and the cion, but they may form at any place where the roots have been injured in transplanting, etc.

Experiments by the department of agriculture show that crown gall is caused by specific parasite. Every orchardist should carefully inspect all stock which he purchases for setting. All trees showing evidence of crown gall should be either returned to the shipper or burned, and future orders placed with nurserymen who can and will furnish trees free from disease. Under no condition should trees be planted which show growths of this kind upon the roots, for not only will it result in an unhealthy and unprofitable tree, but it will also endanger other plants.

Inspection of Nursery Stock.

Representative Scott of Kansas is the author of a bill which provides for government inspection of nursery stock at point of entry to be designated by the secretary of agriculture. An appropriation of \$100,000 is carried by the bill, which also authorizes the secretary to establish a quarantine against the importation or transportation in interstate commerce of diseased or infected nursery stock. The bill has been favorably acted upon by the house committee.



An Aid To Nature

An invalid, recovering from any weakening, nerve-racking illness, needs a good bracing tonic to assist nature in bringing about a normal condition once more.

IMPERIAL PERUVIAN WINE is a combination of Pure Port Wine — imported by us from France — and Peruvian Bark, and has proved itself one of the greatest nerve and muscle builders yet discovered.

If you are in need of a tonic, give Imperial Peruvian Wine a trial. Two or three wine-glasses a day will soon bring you back to perfect health.

All good druggists sell Imperial Peruvian Wine for \$1.00 PER QUART AND 50 CENTS FOR PINT BOTTLES.

The Baird Co., Ltd.
Mfg. Chemists,
Woodstock, N.B.

IMPORTANT CHANGES

TO BE MADE IN THE METHODIST PULPITS

Rev. H. D. Marr Expected to Succeed Rev. Neil McLaughlin—Presentation to the Latter.

Mindful of his coming departure from the pastorate of the church after four years of highly successful administration, during which he has endeavored himself to those connected with every branch of the church's activities, the Junior Epworth League of Portland street Methodist church presented Rev. Neil McLaughlin, at its last meeting, with a handsome memento in the shape of an inscribed hymn book. Ald. R. T. Hayes made the presentation on behalf of the league. The organization is under the presidency of Miss Evelyn Huey.

At the N. B. and P. E. Island conference in June, Rev. H. D. Marr, now of Queen square Methodist church, will be appointed, it is expected, to succeed Rev. Mr. McLaughlin as pastor of Portland street. Rev. Mr. Marr probably will be followed by Rev. Wilfrid Gaetz, who has been transferred from the Nova Scotia conference in order to his acceptance of the invitation to Queen square.

NEWFOUNDLAND FISHERY

EXPERT SUMMONED

TO HAGUE TRIBUNAL

St. John's, Nfld., May 17.—An addition to the array of counsel and experts which will uphold Newfoundland's contentions in connection with the fisheries treaties to be arbitrated at the Hague tribunal, was summoned from St. John's tonight by Premier Morris, who is in London, in the person of Fisheries Inspector O'Reilly, leading colonial fisheries expert. Premier Morris, in his cablegram, states that Inspector O'Reilly is wanted for purposes of conference with the British counsel.

KENDALL'S SPAVIN CURE

To Bring Him Back to the "High-Stepping" Class

For Spavin, Curb, Splint, Ringbone, Soft Bunches, All Lamenesses. Horse dealers have made thousands of dollars by buying Lameness, Spavin Cured, and then selling the cured animals at a handsome profit. You can do the same with your own horses. Here is one man who saved his horse and his money by using Kendall's.

Oak Bay Mills, Que., Dec. 25th, 1909.

"I wish to inform you that I have used Kendall's Spavin Cure with good success, on my horse. I found that it cures quickly and well."

Yours truly, ROY HARPER.

\$1 a bottle—6 for \$5. A copy of our book— "A Treatise On The Horse"—free at dealers or from us.

Dr. J. J. Kendall Co. — Enosburg Falls, Vt.

KING'S BODY MOVED TO STATELY POMP

Taken on Gun Carriage to Westminster Hall for Lying-in-State

IMPOSING SPECTACLE

Queen Mother Rode in First Carriage, Queen Mary Taking Second Place — "Big Ben" Was Told for the First Time on Such an Occasion.

London, May 17.—The body of King Edward VII., the Peacemaker, was taken with stately pomp this morning from Buckingham Palace to the grave and now lies in state in Westminster Hall where hundreds of thousands will pay a last tribute to the dead monarch before the march through the streets of the capital, on Friday.

The procession from Buckingham Palace to Westminster Hall passed through double lines of red-coated soldiers, flanked by rows of stalwart policemen and a mass of silent black-robed humanity. The buildings along the route were heavily draped with mourning. The German and other embassies in Carlton House Terrace were covered with funeral pall of black and purple, relieved occasionally by green wreaths and bouquets of white lilies.

The first intimation that the crowd, which had been waiting for hours, had of the approach of the funeral cortege was the booming of the first of sixty-eight minute guns which were fired at St. James' Park followed by the tolling of "Big Ben," the great bell in the clock tower in the House of Commons, which heretofore has been heard only as it struck the hours, and by the roll of muffled drums.

Then a guardsmen with sword reversed came down the Mall at measured tread, two other guardsmen following close behind. Then came the officers of the headquarters staff, the army council and the board of admiralty. As these appeared, the troops came to half salute with reversed guns and remained thus until Field-Marshal Lord Roberts and Lord Kitchener of Khartoum, the admirals of the fleet, the Indian officer chiefs in black uniforms, and the aides de camp of the late king passed.

"Rest Arms" as Body is Borne Along.

As the gun carriage on which the casket was borne appeared the order "Rest on your arms," was given sharply.

The Duke of Cornwall and Prince Albert, two little figures in the natty uniforms of naval cadets, followed their father, King George. King Frederick, of Denmark, and King Haakon, with the Duke of Cornwall, followed them. The Duke of Cornwall followed the other members of the British and foreign royal families in gorgeous uniforms, the only touch of mourning being the black bands on the sleeves of the coats. A host of officers of the late king's household, nearly all of them in bright uniforms, but a few of them in mourning dress followed.

The greatest interest was aroused at the approach of the first carriage, for in the casket lay the body of the late king, to whom the hearts of all Britishers have gone out during the past week. Her Majesty, wearing the deepest mourning, had lifted her veil and the people reverently raised their heads to the pathetic figure who bore the body of her great grief, acknowledged the silent testimony of sympathy by bowing repeatedly. The queen mother was accompanied by her sister, the Dowager Empress of Russia, Maria and her daughters, Princess Royal and Princess Victoria.

Queen Mary occupied the second state carriage, having for the occasion surrendered the first place to which, as queen, she was entitled. Her majesty was preceded by the aid of a walking stick, walked with bowed head.

The service over, the spectators had a better opportunity to see the queen mother as she passed out of the hall, and hard handed must have been the host that would not have found one spot for sorrow for her in her bereavement. It was indeed a sight never to be forgotten.

MORSE'S ONLY HOPE NOW IS PRESIDENT TAFT

Washington, May 16.—Charles W. Morse was today denied the privilege of filing an application for a writ of habeas corpus by the Supreme Court of the United States.

New York, May 16.—"That finishes the matter so far as the taking of legal steps is concerned," it was said at the offices of Martin W. Littleton, counsel for Charles W. Morse, when information reached there today of the Supreme Court's denial of a writ of habeas corpus for Morse. Mr. Littleton is in Europe, having sailed for London last week on a business trip. Beyond saying that no further court proceedings were possible, Mr. Littleton's representatives said they did not care to make any statement on the case at this time.

The popular belief that a drowning person rises to the surface three times is unfounded.

A Vast Concourse.

London, May 17.—The weather, like the people was gloomy today. Long before dawn the people commenced to pick out positions on the route of the funeral procession from Buckingham Palace to Westminster Hall. All roads led to Westminster today. London's millions seemed moving towards a point but, driving barriers of policemen, at certain distance said "this far shall thou go and unless you have a ticket you get no farther." Even some with tickets failed to reach the hall in time. The crowd was somber and reverent. By 10 o'clock the 12,000 soldiers required to line the route were placed. Never before has Big Ben tolled except to note the hours, but today orders were given that the moment the procession left the palace Big Ben should sound a solemn knell. In Westminster Hall an hour before the arrival of the body there were scarcely fifty people, chief among whom was the Duke of Norfolk going here and there to see that all was in readiness.

Precisely at 11:30 the procession left the palace on its mournful journey. Passing along the Mall, where a dense crowd gathered, every eye was turned towards the gun carriage on which rested the coffin containing the body of the empire's late sovereign. Heads were bowed and bowed and the hearts of the people sorrowed with the queen mother who followed in the carriage behind the gun carriage.

Inside Westminster Hall, as the minutes passed, the people commenced to arrive. Among them were half a dozen ladies in deep mourning. The scene will never be

"SALADA"

Being all pure tea leaves, you don't have to submit to the annoyance of dust and dirt floating in your tea cup and injurious to your health. Costs no more than common-place teas.

Sealed lead packets only.—Never sold in bulk.

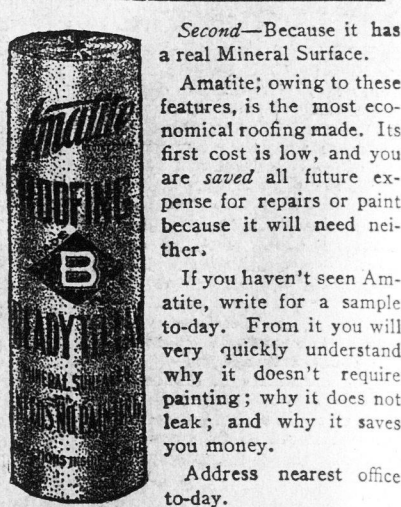
Amatite ROOFING Needs No Painting

MOST ready roofings require special painting and coating, and unless this is done regularly, you are sure to have leaks and trouble right along.

If you use Amatite, nothing of the sort is required. You will have real roof protection without painting of any kind.

Amatite is made to stay waterproof and give protection year after year, without any thought or care on your part.

First—Because it is waterproofed with Coal Tar Pitch.



Second—Because it has a real Mineral Surface.

Amatite, owing to these features, is the most economical roofing made. Its first cost is low, and you are saved all future expense for repairs or paint because it will need neither.

If you haven't seen Amatite, write for a sample to-day. From it you will very quickly understand why it doesn't require painting; why it does not leak; and why it saves you money.

Address nearest office to-day.

THE CARRITTE-PATTERSON M'FG CO., LTD.
St. John, N. B. Halifax, N. S.

CHAPTER OF ACCIDENTS

AT PORTLAND, MAINE

Boy Crushed to Death; Woman Fell Under Engine and Lost an Arm—Other Casualties.

Portland, Maine, May 17.—The approach of the comet's tail was noted by strange happenings in Portland today. George Tuttle hired a truckman and hauled away from a house on Morning street, a couple of chests of carpenter's tools belonging to some workmen. He sold the tools to the truckman but was arrested later.

Mrs. Carrie Biell fell backwards from the piazza of a cottage at Rock's Island, a distance of eight feet and struck a rock. She will recover.

The two-year-old daughter of Daniel Hurler fell from a second story window and escaped with a few scratches.

Mrs. Ellen F. Berry, aged 80 years, fell under a shifting engine in the Boston & Maine yard and had an arm cut off. She will recover.

Joseph A. Purcell, 16 years old, was caught between an engine and floor in a grocery store and was crushed to death.

Want Civil Holiday on Roosevelt's Return.

New York, May 17.—The board of aldermen today requested Mayor Gaynor to declare June 18 a legal holiday that city employees may attend the reception to be tendered Theodore Roosevelt upon his return from abroad. Mayor Gaynor's attitude on the measure is not known.

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Bruce's Giant Yellow Intermediate Mangel



This grand Mangel, which we introduced in 1891 is without a doubt the favorite with all cattle raisers at the present day. The large size of the roots, their uniformity, its handsome shape, bright smooth yellow skin, flesh of the most solid texture, nutritious and splendid keeping qualities, make it one of the most valuable introductions of recent years. While in point of size they will not equal the best of the long varieties, yet in the yield per acre, and richness they far exceed the best long varieties, added to which they are much more easily harvested, about half of their length being above the ground. We have kept our stock fully up to the original high standard, and it will pay every grower to procure our grand strain of this unequalled variety. 14 lb., 12c.; 1-2 lb., 18c. 1 lb., 30c. Postage added.

FREE—Our 104 page illustrated catalogue of Vegetables, Flowers and Fruit Seeds, Bulbs, Plants, Poultry Supplies, Implements, etc. Send for it.

Established 60 years.

JOHN A. BRUCE & CO., Limited, Hamilton, Ont.

WANTED

PORTRAIT AGENTS—Write men we start in business and give credit. Merchants Toronto.

WANTED—A second-class male teacher to take charge of District No. 8, St. John's, Victoria county. Apply to R. M. Gillespie, Esq., St. John's, Victoria county.

WANTED—Intelligent man to distribute circulars and give credit. The John C. Wainwright, 200 Wellington street, W.

WANTED—A housemaid; quick. Apply by letter to David Robertson, Rothesay.

TO RENT—For the summer cottage, 9 rooms, St. John's. For terms, etc., apply to Mr. Mason, Fredericton.

ARE YOU UNEMPLOYED? "Money-making Tips" will free. A. Malone, 93 Port Toronto.

WANTED—Reliable and experienced man to sell Canada's Greatest List of Hairy Vets. for the Province of New Brunswick. Apply to the Liberator, season now starting. Liberal weekly. Permanent situation. Wellington, Toronto, Ont.

MEN WANTED in every Canada to make \$20 per day on show-up advertisements. Largest list of Hairy Vets. for the Province of New Brunswick. Apply to the Liberator, season now starting. Liberal weekly. Permanent situation. Wellington, Toronto, Ont.

WANTED—Salesmen; experienced; 10 vacancies. Bros., Ltd., Montreal.

WANTED—Girl for general housework. Apply, Mrs. No. 1 Mount Pleasant avenue.

WANTED by 11th May, to say for summer. Good wages. Apply Mrs. T. E. G. Queen square, St. John (N.B.).

WANTED—Second or third for School District No. 1, Chipman, Queens County. salary, to David Rae, Secretary to begin April 1st.

WANTED—A teacher to school at once in School 5, Drummond, Victoria. Salary, to David Rae, Secretary to begin April 1st.