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HORTICULTURE

HORTICULTURAL NOTES.

Plum trees require comparatively little pruning.

It should be remembered that the cherry tree requires very little pruning.

Currants, gooseberries, raspberries and blackberries should be heavily mulched.

The production of apples is 42.5 per cent. of a full crop, compared with 43.4 per cent. in 1903.

Allow ample space between the rows of raspberries and blackberries to permit of cultivation.

A young peach tree needs vigorous pruning, but a bearing tree in good soil needs little except to remove dead and surplus branches.

The object of pruning is to shorten the new growth, leaving approximately the amount of fruiting wood which the vine can safely carry.

The old orchard, that is trees 12 to 15 years old and older and already in bearing, will be benefited by heavy applications of stable litter or other fertilizer.

Tea roses and half hardy roses may be protected by first making a mound of earth, sod or other material over which to bend the rose bush. Over this florists usually cover with soil.

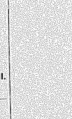
A tree with an open head can be sprayed more thoroughly than when the tree is allowed to grow at will. It is usual to cut out the suckers or water sprouts, the dead wood and the broken branches.

Rabbits usually do little harm to an orchard after it has attained the age of ten years, but orchards recently planted and orchards up to the age of perhaps eight years should receive protection.

TO STRAIGHTEN YOUNG TREES

Device to Attach to Trees Which Are Inclined to Grow Crooked—Easily Arranged.

This device can easily be attached to a tree which is inclined to grow crooked. Make a framework of narrow boards sharpened at ends to enable them to remain firm in the ground. Place a weight at the end where the frame trees come together and attach the frame to the tree with a wire. This should be attached at just the right point to correct the crookedness in the tree. The tree



Straightening Young Trees.

should be protected from the wire by a cloth. The constant bearing down of the weights will in a very short time bring the tree to its proper position without injury.

United States Apple Crop.

In 1894 the total product of the apple crop of the country was 69,976,000 barrels, or 177,675,000 bushels. Since then hundreds of thousands of acres have been added, and yet the government reports show that the aggregate crop in all the states in the union was not more than 25,000,000 barrels, or 62,500,000 bushels, in 1903. Many of the middle western and eastern states reported small yields this season, due to failure in numerous instances, but generally because of pests. Orchards have been neglected and in scores of places the trees have been permitted to die because of the lack of even ordinary attention.

Protect Rose Bushes.

A good way to protect a bed of tender roses is to bend them carefully down to the ground, hold them in position with stakes and then cover with leaves, straw or earth. On my own rose bed I follow this plan, using a heavy layer of leaves held in place by a wide strip of wire chicken netting laid flat on the bed and securely staked at the edges.

Winter in Orchards.

The best way to sell fruit is straight to the man who wants it. If you cannot do this, then a reliable middleman is next best.

Winter has not much work for the orchard, but orchardists can plan for the days to come, and the planning is just as essential as anything they can do.

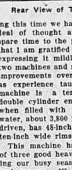
GASOLINE ON FARM TRACTOR

Relieves Horses of Many of Their Burdens on Farm and Gives Entire Satisfaction.

It has been two years since we conceived the idea of relieving the horses of some of their burden by the use of the gasoline engine, writes Henry B. Kean in Orange Judd Farmer. During this time we have devoted a great deal of thought and nearly all our spare time to the project, and to say that I am grateful with the results is expressing it mildly. We have built two machines and made a great many improvements over the original plan as experience taught. Our present machine is a ten-horse power, a double cylinder engine, and weighs, when filled with fuel and cooling water, about 3,600 pounds. It is driven, has 48-inch drive wheels, with ten-inch wide rims.

Rear View of Tractor Harrowing.

The machine has taken the place of three good heavy work horses during our busy seasons, plowing spring and summer. We have found it particularly adapted for cultivating orchards, as we can draw the harrows along within a few inches of the trees, with no danger of swerving one way or the other so as to bark the trees.



Front View of Tractor.

as is so common with horse work. And, besides, the harrows are under perfect control, unlike those of horses. The rig can be started and stopped instantly. It goes along on even gait and never gets tired.

When hitched to the two drags, as shown in the picture, it travels about 1½ miles an hour, or two acres an hour, on fairly level land. It does this when the harrows are set down to deepest notch. I find that this weight is not detrimental to the ground, as harrows loosen it up perfectly behind the wheels. But on newly plowed land more power is required than on well-settled plowed land.

On our two-bottom gang plow (14-inch bottoms) running at seven inches deep the machine will plow about 1½ acres a day. We have used the tractor at a score of other jobs, and wherever a good hard pull is wanted it proves far superior to horses, for as said above, it is more easily and perfectly controlled. It doesn't get weary, it somehow goes on and can be repaired at once. We don't have to wait weeks, perhaps, for it to get well. The machine will also grind 30 or 40 bushels of feed an hour, a job we usually put it at after supper, thereby getting more than ten hours' work a day from it. We think the machine will extend animate power on the farm as greatly as does the automobile for road work. We could not think of getting along without it now.

Orchard Work in Winter.

Prune off and destroy eggs of tent caterpillars and cankerworms on apple and other trees. If oyster shell scale, or scurfy scale is on your trees, use a good lime-sulphur wash. Clean out pump and nozzle thoroughly after last stale wash. Pick off and destroy the cocoons of the Cecropia moth, and all other cocoons, on plum and other trees. Also prune and destroy all plum pockets, still clinging to trees or fallen. Gather and burn all fallen fruit and branches. Latter under plum trees should be burned. Sling sticks, or other suitable kind in the forks to encourage the presence of birds. The chickadees, and downy woodpeckers will find coddling moth larvae in the cocoons and eat them. The chickadees also eats the eggs of the San Jose, at the seed beans and peas to see that the bean weevil or pea weevil is not in the seed. Be sure if they are present place seed in an airtight receptacle and fumigate with bisulphide of carbon. Avoid bringing a light of any kind near this liquid.

Pruning Old Trees.

In pruning old apple trees be careful not to cut too much. This is quite so common in the upper parts of the tree. They are the fruit-bearing parts. To remove the crop is sure to be greatly reduced for several years following.

Profit in Apples.

H. J. Ludlow, superintendent of the Nokes county, Minn., department of horticulture, declares that for the past 17 years he has made from $20 to $30 an acre a year on a half-acre of apple trees.

LAKE ZURICH.

Mr. Seip, of Minnesota, is visiting at the H. Seip home.

Miss Lydia Listhacke, of Barrington, is visiting with her sister, Mrs. W. Plagge.

The B. Y. P. U. society of the Baptist church, of Barrington, spent Friday evening at the home of J. C. Whitney.

A party of young folks attended the masquerade at Wauconda Friday evening.

Mrs. H. Seip and Mr. and Mrs. William Bickmase and Mrs. F. Seip visited with H. Seip at the Old Soldiers' home in Milwaukee, Thursday.

Rev. Silberman has moved his family from Chicago to the parsonage here.

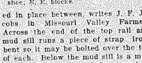
Rev. E. Wilking, of Barrington, will officiate at the installation services at St. Peter's church Sunday, February 6.

The concert given by the Palatine band last Saturday evening was largely attended.

Will Eichman and John Donlea, of Barrington, were hurt while at work on the ice, but both are able to be about again.

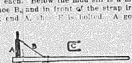
Illustrations and Directions of Their Construction from Good Straight Lumber.

Good'sled runners may be made from straight lumber. Two pieces are required, one for top and one for bottom, supported by wooden blocks bolted in place between, writes J. F. Jacobs in Missouri Valley Farmer. Across the end of the top rail and mud sill runs a piece of strap iron, bent so it may be bolted over the top of each. Below the mud sill is a mud shoe B, and in front of the strap iron at end A, the tongue, bolted.



How to Make Runner.

Explanation: C, mud sill; D, top rail; A, A, strap iron; B, bottom shoe; E, end shoe; E, E, blocks.



A Tongue for the Sled.

Explanation: A, axle; B, bolster; C, clevis.

A tongue for a sled may be made from an old honey or cart axle, cut to desired length. A brace runs from axle to tongue, with an eye on top which fits over axle between sled rail and shoe. A clevis, C, goes through axle and over the end of tongue.

Beautify the Farm.

Why should not our farm homes be places to be made beautiful as well as places to accumulate dollars. The continual emphasis of the bread and butter side of life to the neglect of that which makes a real life is wearying to the best in every man or woman. It does not require the expenditure of so much time and money as thought and care to fill our homes with an atmosphere of beauty. One good copy of a real work of art, a Corot or Millet, often costs no more than one that is merely a bad mixture of colors or a sentimental face and will be worth a dozen such in the cultivation of a taste and love for what is really worth the name of art.

Varieties of Corn.

As to the variety of corn to use, that will depend somewhat on location, soil and the purpose for which it is desired, says a writer in Baltimore American. We have found Boone county white an excellent variety for grain, and we think Virginia golden dent has also given us good satisfaction when grown for grain. Cocke's prolific can be grown three two or more medium-sized ears are designed for stalk fodder, medium land we have found Hickory King an excellent yielder, better in proportion than some others.

His Offense.

Jones—Green bought a second hand automobile last week. Brown—He has been arrested six times in it. Jones—Good gracious! What for? Brown—Speeding and exceeding the speed limit.

Business Notices

FOR SALE.

FOR SALE—Eight horse power and one horse power gas engines. E. K. Magee, Barrington, Illinois.

FOR SALE—House, barn and six acres, inquire at this office.

WANTED.

WANTED—Old fashioned wooden cup lemons. Must be about 40 in lines with 400 or 500 to a case. Address Lemons, Barrington Enterprise.

WANTED—Girl for general housework. Mrs. Charles Wilkins, Barrington. Telephone 1045.

PORK AND APPLE SASS

is pretty good eating this time of the year. Make sure you know how to cook it, and pa and the boys can keep up on the eating.

We Have Pork at This Market

that's Fresh, Tender and Sweet

ALL MEAT SOLD HERE IS GUARANTEED THE BEST

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REINFORCING A WOODEN POST

Method Suggested for Strengthening Poles That Are Rotting Away Near the Surface.

The Electric Railway Journal suggests a method of reinforcing posts which might be applied on farms

Reinforcing Poles with Concrete.

where posts in a barn are rather difficult to displace and are rotting away near the surface of the ground.

Referred to in the Journal have one-half inch thick and from three to six feet long are driven into the posts, the ends being sharpened and bent at right angles. Fig. 2 illustrates the method of driving these rods.

In Fig. 1 a sectional view of the posts is shown with concrete covering the damaged section. Fig. 2 illustrates the finished job.

Farm Use of Concrete.

Concrete is now used to make all kinds of garden accessories. It is practically indestructible and the color of the material is the natural grade cement is most pleasing and blends with the outdoor surroundings better than marble or newly cut stone.

Quality Not Quantity.

Prof. Creelman of the University of Maine says in agriculture it is not bigger farms, but better farmers; not the new varieties in crops and poultry, but better culture and better strains; not bigger and better implements, but a better handling of those we have; not more expensive barns, but more sanitary; not more cows, but better cows.

To Stop Gambling.

Gambling will stop when men don't like to get something or nothing.—Washington Post.

MUST BE THE BEST

PRESIDENT TAFT'S POSITION ON JUDICIAL APPOINTMENTS.

Party Preferment and Personal Opinion Both Subordinated to the Best Interest of the Whole People.

The retirement for age of more than one justice of the supreme court may be expected during President Taft's administration. It becomes of interest, then, to know what he thinks of his responsibility as a judge maker and how he will discharge it. Mr. Taft enlightens the country in the following letter to Judge Horace H. Lurton read at the dinner given to Judge Lurton by the Nashville Board of Trade:

"It is just the simple truth to tell you that the chief pleasure of my administration, as I have contemplated it in the past, has been to commission you a justice of the supreme court; and I never had any other purpose and was never shaken in it until there was presented to me the challenge whether I was not gratifying my personal desires at the expense of public interest in putting a judge of your age upon the bench under present conditions. For this reason I took back my determination to appoint you, wiped it off the slate and gave two or three days to the introspective process to know whether I was yielding to personal preference and affection at the expense of the public. I discovered that I was not—that the circumstances justified the departure from the ordinary rule, and that I had the right to gratify my personal predilection by doing what I have done, because the motive in doing it included a desire to strengthen that court so that I could appoint you."

Mr. Taft seems to hold the view that his responsibility will end when he selects the best lawyer he can find. He is not going to concern himself about the political opinions of his selections or conjecture what their interpretation of the constitution will be in celebrated cases. The truth is that a supreme court justice not infrequently delivers an opinion that surprises those who believe they know most about the man and his point of view. The essential thing in Mr. Taft's judgment is to put able and experienced lawyers on the bench, men of independence and known high character. For the rest, he is willing to take whatever risk there may be involved in the new justice's political and social ideas.

World's Potato Crop.

The potato crop of the world is roughly 2,500,000,000 bushels a year. Most of it is raised in Europe—in 1902, more than four and a quarter billions; 1903, a little more than four billions; 1904, a little less; 1905, more than four and three-quarter billions; 1906, 4,845,312,000.

RELIEVE Neuralgia

Pain Pills

TAKE ONE OF THESE LITTLE TABLETS AND THE PAIN IS GONE.

"I have awful spells of Neuralgia and have doctored a great deal without getting much benefit. For the last two years I have been taking Dr. Miles' Anti-Pain Pills and they always relieve me. I have been so bad with Neuralgia that I sometimes thought I would go crazy. Sometimes it is necessary to take two of them, but never more, and they are sure to relieve me." MRS. FERRIER, 2434 Lynn St., Lincoln, Neb.

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