-:- HORTICULTURE -:-

Garden Hints by Depart'nt Editor

When the trees begin to leaf out spring is at hand and seeding may begin in the open.

Remember it is always better to thin out than to transplant. Transplanting invariably checks the crops and seldom makes good.

Do not cultivate your garden when the soil is very wet. Where the soil is damp very little covering is required for fine seed.

Where fine seed is sown in the open ground cover the beds during very heavy rains.

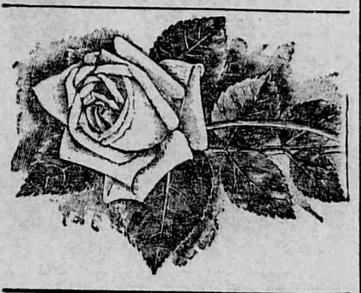
Commercial fertilizer tends to make flowers bloom earlier and more freely, but it should be used in combination with manure since flowers require a certain amount of humus which the fertilizer does not supply. Nitrogen is readily available through nitrate of soda and sulphate of ammonia, which contain from 13 to 20 per cent., and may be applied as top dressings.

The person who has the best plants is the one who gives them most attention. This does not mean the person who works among them the most, but the one who studies their peculiarities and knows just what each plant requires. In Gardening and Horticulture intelligence counts.

Forking Among Fruit Bushes

Much harm is often done by forking among small fruits bushes, the digger often thinking it impossible to kill a currant or gooseberry, and at this season, early spring, when manure is spread over the soil above the roots, its is frequently forked or dug in regardless of the damage done.

There is a right and a wrong way of manuring fruit bushes, and the proper way is to mutilate the roots as little as possible.



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The finest small fruits have been grown on bushes where no fork or spade had been used for years, they however, received a liberal mulching of manure on the surface after they were pruned in the early winter and this treatment they like above all others.

Raspberries, too, are very impatient of having their roots disturbed and mulching them also is the safest way of dealing with them.

Sap Running and Its Relation to Fruitfulness in Fruit Trees

Fruit buds are generally in bearing the third year after their first development. They are developed from the less vigorous buds upon the wood branches.

In a vertical branch, owing to its position the sap will run to the extremity with the greatest force and be most active for the end third of the branch, on the other two thirds buds will remain dormant. Therefore to develop the lower buds this branch must be cut back one-half its length.

If a branch is inclined at an angle of 45' the flow of sap is not so rapid and the buds for two thirds its length will be tolerably well developed, while those on the lower one-third will remain dormant. In order to promote the due development in these buds, shorten this branch about one third from the terminal bud.

If the branch is horizontal all the sap will act with equal force at every point of its length and therefore this will not need shortening.

If any branch should grow intermediate between these, the proportion must be maintained.

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Gardening With Rocks

A few years ago a steep bank at the end of the lawn was regarded as a distinct handicap. Grass and ordinary flowers could not survive spring downpours. About the only solution was large trees and in front of these a screen of shrubbery or vines to hide the raw earth. Now-a-days, people want such banks to create a rock garden and often where no bank exists, one is raised by artificial and expensive means. This is not to be confused with the old stiff and rather unsightly rockery. In the kind advocated here, boulders are set into the side of the hill, embedded so deep that frost will not seriously disturb them, and also in such a way that the soil between will lead back into the main bank. Between the rocks a miniature Rocky Mountain range is created with gulleys, alpine meadows, crags and steep canyons. Seed catalogues usually list alpine rock garden plants separately. It is most important to secure seeds and plants suitable to Canadian conditions and it is also advisable to get special literature on the subject, or visit a neighboring rock garden, before attempting too elaborate a lay-out.

Use the Catalogue

A good seed catalogue is indispensable. Height of the flowers, times of blooming, whether they are suitable for such special purposes as edging, screening, cutting and fragrance are all mentioned and are vital facts in laying out a satisfactory garden. In the vegetable line the catalogue continues this useful service by listing different varieties under the heading of early, late and medium, so that a succession of vegetables is possible right through the season.

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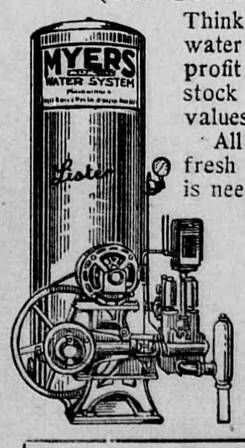

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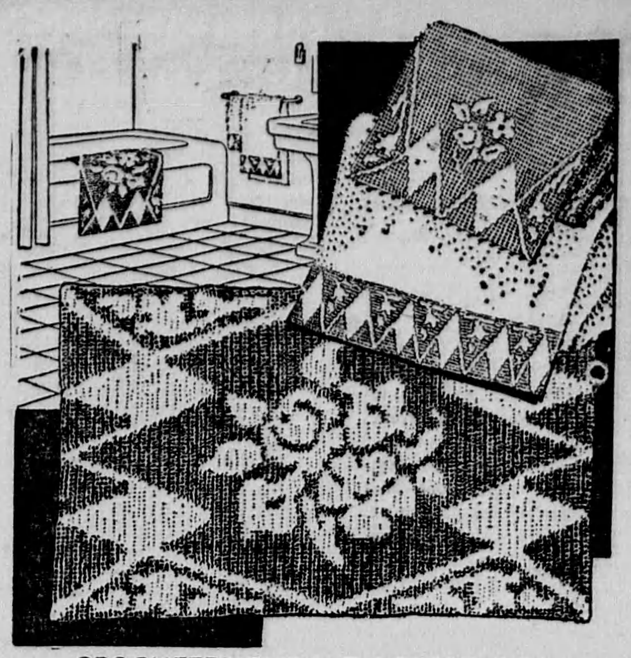

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Pattern 938 comes to you with detailed directions for making the set shown; illustrations of it and of all stitches used; material requirements, and color suggestion.

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Sunday School Lesson

LESSON IV—APRIL 28

THE HOLY SCRIPTURES — Deuteronomy 6:4-9; Joshua 1:8-9; 2 Kings 22:8-20; Nehemiah 8:1-8; and Psalm 19:7-14; Luke 24:25-32; Acts 17:10-12; 2 Timothy 3:14-17; Hebrews 1:1-4.

GOLDEN TEXT—"Oh how love I thy law! It is my meditation all the day. — Psalm 119:97.

THE LESSON IN ITS SETTING :

Time and Place — The words of Moses recorded in this particular passage from Deuteronomy, were uttered about B.C. 1451. This is the same year in which Joshua began his great life work. Josiah began to reign in 639 B.C. The great Reformation occurred about 621 B.C. The events recorded in the passage from Nehemiah about 445 B. C. The Emmaus discourse, recorded by Luke, occurred on Sunday afternoon, April 9, A.D. 30. Paul and Silas were at Beroea, a city of Macedonia, about A.D. 53. 2 Timothy was the last Epistle written by Paul, probably A.D. 66.

"The law of Jehovah." Law is truth considered as that to which rational beings are under obligation to conform their characters and action.

"Is perfect.' It lacks no truth necessary for man's perfect life; it reveals God as perfectly as God can be revealed; it will never be equalled and can never be surpassed. "Restoring the soul." It calls it back from its wanderings by reminding it of its ingratitude, by setting before it its high destiny, by bringing it to its true Shepherd and Guardian. "The testimony of Jehovah." Not only as testifying bearing witness of God's character, but also testifying of man's sinfulness. "Is sure." The word is aman, which means faithful, steadfast, verified, established. "Making wise the simple." The simple here are not those of limited intelligence, but those whose minds are open to the truth.

"The precepts of Jehovah." Divine directions designed to secure obedience, or check disobedience. "Are right." Straight, as opposed to the crooked ways of men. "Rejoicing the heart." Mark the progress; he who was converted was next made wise and is now made happy. "The commandment of Jehovah." As such it is imperative. "Is pure." There is neither error nor adulteration in any of its pages. "Enlightening the eyes. This refers not merely to the enlightening of the understanding. but of one's whole condition.

"The fear of Jehovah." Another name for the Law, but as contemplated not so much in its outward aspect, as in its working on the heart. "Is clean." Its action on the heart is like that of water upon the body, hence, often in the Scriptures running water is a symbol of the Word endureth forever. "The God's law; God, who endureth forever, changeth not; therefore, his his Word endureth forever. "The ordinances of- Jehovah." The- judicial decisions and sentences of God. "Are true". They are characterized by truth which endures and verifies itself. "And righteous altogether." Thus are they distinguished from the laws of men.

"More to be desired are they than gold, yea, than much fine gold." The one never satisfies; the other always does. "Sweeter also than honey and the droppings of the honeycomb." Things that are right and to be desired are not always productive of pleasure and delight.

"Moreover by them is thy servant warned." The Scriptures warn men of Satan's devices of the heinousness of sin, of the consequences, of sinful acts, of the ultimate punishment God must inflict upon the sinner if unrepentant. "In keeping them there is great reward." In requiring from us whatever is contained in the law; he demands nothing but what he has a right to; yet such is his free and undeserved liberality that he promises to his servants a reward, which, in point of justice he does not owe to them.

"Who can discern his errors? Clear thou me from hidden faults." The contemplation of the law cannot but lead to self-examination, and that to petition.

"Keep back thy servant also from presumptuous sins; let them not have dominion over me." Presumptuous sins are those committed in the full knowledge of the sinfulness of the sins indulged in, and with deliberate intent.

"Let the words of my mouth and the meditation of my heart." David here expresses his fervent desire that not only the outward acts of his life may be right, but the innermost depths of his being the fountains of life. "Be acceptable in thy sight, O, Jehovah, myrock, and my redeemer." The One in whose sight he would be acceptable, the One who is altogether holy.

"But abide thou in the things which thou hast learned and hast been assured of." This is the last letter that Paul wrote before his death, as far as we know.

"Knowing of whom thou hast learned them." A reference no doubt to his grandmother Lois, and his mother Eunice.

"And that from a babe thou hast known." The Jewish parent's duty was to teach his child the law when in his fifth year. "The sacred writings.' The Scriptures are sacred because they proceed from the Spirit of God. "Which are able to make thee wise unto salvation through faith which is in Christ Jesus." They reveal the need of a Saviour, who came to fully meet that need, and they reveal how the Saviour becomes a Saviour for us by faith in him.

"Every scripture is inspired by God. Men may speak, if they choose, of the inspiration of Dante, or Milton, or Shakespeare, but no other writing in the world can be truly characterized as inspired of God. "Is also profitable for teaching." It teaches us those great spiritual realities which are never discoverable by human reason alone. "For reproof." No other volume in the world can be read with such a result. "For correction." Literally, for restoring to an upright position. "For instruction which is in righteousness." It disciplines us, instructing us how to live rightly.

"That the man of God." A man of God is one whom God has called, one who belongs to God, one in whom God lives, and one who in turn, lives wholly for God. "May be complete, furnished completely unto every good work." Good works in the New Testament sense of the term, are those which lead others to God.

Rules of Courtesy

Efficiency experts have discovered that courtesy is an asset of importance in the conduct of any business. It requires no citation of cases to prove that politeness pays.

The rules of business courtesy and its effects upon customers ought to be incorporated in every school program and home system—at least in principle. The rules of business courtesy are wrapped up in five favorable actions of customers. Customers are chiefly influenced by interest of the employees in their needs, the quality of information given, the mode of address of the employee, politeness and courtesy in act and word, and neat attire, which is a form of politeness.

While courtesy is said to be its own reward, legion are the instances where it has won recognition in promotions, gifts and legacies. But it is feared that discourtesy is the more often recognized.

How much of this grace is conferred upon the youth of today by their parents and home surroundings? If it is true that modern youth is without reverence and respect, where does the fault lie?

"All doors are open to courtesy," goes an old German proverb. Is there a better business motto?—Kingston Whig-Standard.