HOW AND WHEN TO PRUNE FRUIT AND ORNAMENTALL TREES AND SHRUBS

While the pruning of any tree or | Ventilation also influences the hushrub may be conducted at any sea- midity of the air in storage houses. son of the year, the dormant season, In unventilated chambers the air usuespecially in the case of trees, is gen- ally becomes heavily charged with erally accepted as the most desirable moisture, creating a condition favortime. At that season of the year one able to the spread of rots and moulds. is better able to determine the shape Uncontrolled ventilation, on the other

form, and pruning then becomes large- ventilation afforded. ly a matter of taste and good judgment. If pruning a fruit tree the object is mainly to encourage or promote fruit-bearing surface, and shape or form is secondary, except in a very

Fruit Trees-It is sufficient to reof a young tree, but this practice may be necessary in an old tree to encourage the production of a large amount of new wood. A tree must produce a certain amount of new wood each season to replace some of the older growth which is continually dying or going out of fruiting. In old trees, unless pruned frequently, the old wood Trees that are never thinned out, frequently die at the bottom and get

Trees in General.—In the pruning of both shade and fruit trees there are a few principles that should be borne in mind. In making a cut do not leave a stub of the branch, but cut

sharp crotches or angles by removing off of one of the gear-wheels. these when possible and encouraging I could not wait until a new wheel gether, he calmly reviews the circum- their creations are those of tested With the modesty of greatness you

if permitted to keep up to it, will height.

half in diameter) should be painted to There was a mower wheel that had a previously appealing to Cæsar, he prevent weathering. For this pur- part of the rim and spokes broken out. would now have been free from furpose a mixture of white lead and oil, Repaired and painted, it looked new. ther trial or examination. Paul points return mail. without the addition of turpentine, is There was a mold-board broken into out that the law has now to take its recommended.

Ventilating Apple Storage Houses.

Temperature control is the most greatly retarded by temperatures this process of welding .- D. B. slightly above the freezing point of the fruit. Most varieties of apples freeze at about 28 degrees, and can 30 to 32 degrees Fahrenheit,

decay. Good results are secured when each animal. the air is carrying from 80 to 85 per Each man was credited with the aniheart of the argument is that Jesus M. L. cent, of the moisture which it can hold, mals that he furnished, and charged of Nazareth is the divine Messiah

tion is necessary to carry away the end of the season each man's account the prophets. Some of the hearers carbon dioxide formed by the respira- was balanced. The butcher got the gre convinced, but the attitude of the tion of apples in storage. Recent ex- by-products-hide, tallow, etc.—for majority brings home forcibly to Paul from the skirt part of an old mackin- and a disagreeable job avoided. There Handsome wall panels and table the woodwork. The shelves are reperiments have shown that it is only his work in slaughtering, and his the hopelessness of trying to win the when exceptionally high concentra- | daughter, who was studying bookkeeptions of carbon dioxide are encounter- ing, kept our books for the experience. their spiritual welfare. ed, as sometimes occurs in the holds I am sure that with the same coof ships, that injury to the fruit re- operative spirit, a neighborhood could, sults. Low concentrations of carbon by a system somewhat modified, spray dioxide actually retard the life pro- its orchards and purchase purebred cesses and prolong the storage life of sires for a foundation for better stock the apple. Ventilation does, however, in the neighborhood, etc.-E. C. help to carry away those gasses which, if allowed to remain in contact with the skin of certain varieties of apples, bring about the disease known as too high-and-mighty lord of the flock apple scald.

common or air-cooled storage houses it loose enough to give freedom of temperature. In this type of house him take short steps. the cooling of the fruit is brought When an ugly rocster is treated this through the storage chambers. In fight. By the time he takes several cooled house be effective, it is neces- charge on some other male member sary that large volumes of cool air of the flock, he is so chagrined that he be circulated rapidly through the limps off with as much dignity as he storage chambers. Even with expert is able to command and gives up all management the best that can be ex- further attempts. After which, he ing October and November, is a tem- lusty challenging crow, thus putting perature approximating the mean of up a good bluff. the out-door temperatures. Neverthe- He may remain the champion of the less, where proper provision has been flock, but he will leave fighting strictly made for ventilation and where the alone .- S. M. ventilators are carefully and faithfully operated, the temperature can Eggs being porous quickly absorb be maintained low enough to mater-bad odors and therefore should al-tally retard the ripening of the fruit. ways be stored in clean places.

of the tree and to space the branches hand, sometimes drys the air to such an extent that shrivelling of the fruit Object of Pruning-The operator results. This is particularly true where should, before commencing to prune, the floor of the chamber is of con- Jesus was the Universal Lord carried have a clear conception in mind as crete. Under such conditions the am- with it the hope that he might proto exactly what his objective is. If ount of moisture in the air can be in- claim the gospel in the world's capital. prunding a shade tree or an ornamental creased by sprinkling water on the As all roads led to Rome, he was conshrub, his sole aim is symmetry of floor and by reducing the amount of fident that in spite of hindrances, God

Hoop Boomerang.

backward so that when tossed some young tree, when the object is largely diately roll back toward you? It is a simple trick and requires only a prayed unceasingly that the way small amount of practice. Practice might be opened up, and that he might member that heavy pruning or cutthrowing the hoop until you can make be able to impart to them "some spirit return straight to you, and you are itual gift," that is, his contribution to then ready to compete with other their piritual welfare. throwers in Hoop Boomerang.

Four stalls are made for the game. These are arranged in a row, each stall being three feet long and two

going out may exceed the new coming the open end of the stalls, make a one. In our lesson to-day, St. Luke This may be corrected by judi- line running parallel to them. The refers to the opening episodes of that tree should take the form of cutting back not only the growth of the termiback not only the gr back not only the growth of the termi-nal or outside branches, but also of backwards where, it lighting upon or as Philemon, Colossians, Ephesians, English lines of this coat are most Edwards, past president of Kokoma, of the Ontario Institutes. We prefer the laterals and smaller branches beyond the parallel line. If the hoop Philippians, and certain passages in appealing. First in importance, with and read as follows: the laterals and smaller branches. falls short of this line, the throw 2 Timothy. This cutting back should not be heavy fails to count. The hoop must come V. 16. When Paul and his companies and leaves, designed to fit smooth.

When a young man comes of age, it dead. tain amount of thinning out may also be necessary. This is to allow light thrower scores, and if it leaps out or over to the authorities, but under a tab at the wrist, which vuttons well-wishers to gather round to help respect and affection therefore that ing bread over five thousand years

bushy or thick in the top. This cuts down bearing surface and may event. The players take turns throwing, each others whom he was anxious to meet, back, and large roomy patch pockets the 1925 series of Conventions wish to ency. We ask you to accept this small discovered. The unleavened bread of down bearing surface and may eventnelly lead to long barren branches being allowed two hoops. Steel or Vs. 17-19. Paul's first act is to inare conveniently placed. The diagram offer their congratulations on this the tangible evidence of our regard (a the Jewish Passover also testifies that

Welding Broken Castings. The other day when I went to use

making the cut on the slant so that it returned by a borrowing neighbor, I orities at Rome. He is hopeful of be found in our Fashion Book. Our Twenty years ago Ontario stood alone Tendered on behalf of the Ontario home to us that bread was still the found that the machine would not finding them less prejudiced than his designers originate their patterns in in this great piece of National Pion- Institutes by Try to avoid the formation of very run. Twelve cogs had been cracked fellow-countrymen at Jerusalem. Ac-

the development of branches which could be had from the manufacturer, join at right angles or nearly so. | so I took the broken casting to an Always permit the main branch to acetylene welder in our little town. retain the lead; sometimes a lateral In a very short time he had built up or the divine authority of the Law will grow as rapidly as the leader and the twelve cogs to their normal and the customs of the fathers. As a

result in a very weakened cratch and While waiting for the repair I look- themselves-here Paul is referring to patterns as you want. Enclose 20c in branch. Suppress the lateral by ed about the shop. I found that this the attitude of Festus and Herod stamps or coin (coin preferred; wrap wizard in iron could restore to its Agrippa (Acts 26: 30-32)-intended it carefully) for each number, and Large wounds (over an inch and a original state any kind of a casting. death, and but for his own action in Wilson Publishing Co., 73 West Adefive pieces, broken plowshares, cast- course, but that in appealing to the ings from manure-spreaders, and privy council at Rome he is not makwhat-not, all made stronger than they ing any charges against the Jewish were before, at smaller cost than new nation parts. The time saved was a great tion at the hands of his fellow-country. clothes, I often want to dye a piece of best umbrella should receive some binding tape made secure at each giving properties. And relegated t item for all the owners. Many ma- men at Rome. If they only knew it, material the same color as another simple prize.—D. W. B. important factor in the storage of chines that have been thrown on the it is for "the hope of Israel," that is, piece I am going to use. To do this apples, the ripening processes being scrap heap could have been saved by for the Messiah's sake, that he is successfully, I wet a piece of material

A Miniature Meat Trust.

be stored to best advantage at about Seven of my neighbors and myself ing Paul. They wish to hear his own material to remove all the color that butter in dripping pan and let it the foundation the silk or other maformed a club to furnish fresh meats version of his history, though they will come out, and any chemicals which brown. Place a layer of halved apterial, it must be laid taut over a Maintenance of the proper amount in our homes. One man who had frankly declare that the Christian might rot the cloth if allowed to reples, flat side up, and dot with butter gluey surface. When the edges are of moisture in the air in the storage worked at the butcher's trade did the "sect," to which Paul belongs, has a main. of moisture in the air in the storage worked at the butcher's trade did the house is also necessary in order to house is also necessary in order to ensure that the apples come out of to his house by the man who furnish
In dyeing colored material, one can filling, made by cooking three tablenot make a dark color take a lighter spoons of cornstarch, one cup sugar, tional layer of silk or georgette can kitchen or dining room, where the men storage in prime eating condition. If ed it, and each man carried the meat Vs. 23, 24. The Jewish leaders agree the air is too dry, shrivelling is likely that he got to his own home. Once to convene a general meeting of Jews to be excessive. On the other hand, every two months each man furnished to be held at Paul's lodging on a fixed terial in a pure olive oil soap bath. too high a humidity favors the growth an animal to be killed, and each man day. This takes place in due course, of those organisms which bring about took approximately one-eighth of and for a whole day Paul explains changing the soap bath each time. Be-

It has been suggested that ventila- with the meat that he received; at the promised in the Law of Moses and in

Preventing Cock-Fights.

The most effective way to handle a is to tie a string of buckskin between The importance of ventilation in his legs just above the spurs. Make is due largely to its influence on movement, but short enough to make

about by the passage of outside air way, he soon learns that he can not order that storing in the common air- tumbles, just when he is making a pected from this type of storage, dur- contents himself by giving forth a

S.S. LESSON

I am not ashamed of the gospel of the authorities put no obstacle in the Christ: for it is the power of God unto salvation to every one that belleveth .- Romans 1: 16.

SUBJECT. PAUL DELIVERS HIS TESTIMONY TO THE JEWS AT ROME.

INTRODUCTION-To see Rome, and to deliver his message there had been for would open up the way and give him the great joy of being, though not the first, at least one of the first evangelists to visit the Eternal City. In Ro-Are you able to twirl a metal hoop mans 1:8-15, written from Corinth during his Third Missionary Tour, Paul informs the Christians at Rome of the high hopes with which he look-Paul did not, however, then know

that when he finally reached Rome, it would be as a prisoner, as "an ambassador in bonds." The fact that he does so adds pathos to the circumstances, of his work in Rome. Never-Number the two outside stalls 1 theless his spirit rises above his cirand 2 and the inner stalls 4 and 3. | cumstances, and his contribution to

misses the stalls entirely, no score is privileged conditions. He was permittightly on stormy days. The collar is him celebrate the auspicious occasion. we tender to you and your wife, whom ago, are to be found in the Metro-

of rumors to the contrary, denied the book 10 cents the copy. special privileges of the Jewish people

V. 20. He trusts for fair considera-

wearing his chain. Vs. 21, 22. The answer of the Jew-ish leaders is that they have heard no adverse reports of any kind concern-I rinse thoroughly the newly dyed

to the Roman Jews the gospel of the fore dyeing, all soap must be thor-Once more he sees that God intends

Vs. 30, 31. The closing verses of sides for tying back.

Acts refer briefly to a period of two years during which Paul carried on missionary work in Rome, and during which he kept open house for all who December 13. Paul In Melita and desired to see him. These visitors Rome, Acts 28: 1-31. Golden Text- would mostly be Gentiles. Meantime,

way of his freely declaring the gospel of Jesus Christ and the kingdom to



UTILITY TOP COAT.

very numerous, the edict of Claudius, 40, 42, 44 and 46 inches bust. Size We heard last night that Women's party and that we may enjoy your The significance of bread among the referred to in Acts 18: 2, having re- 38 bust requires 41/2 yards 36-inch, Institutes were now established in leadership for the next score of years, world's foods was first brought to our mained a dead letter. Paul is anxious or 31/8 yards 54-inch material. The Belgium, France, Czecho-Slovakia, trusting that each may see your attention by the war-time wheat that these Jews should be under no lining requires the same amount of Russia, Switzerland, England, Wales, worth more truly appreciated and shortage. Those of us who tried to

cordingly, having got the leaders to the heart of the style centres, and eering. stances leading up to his arrest. He popularity, brought within the means points out that he has never, in spite of the average woman. Price of the

HOW TO ORDER PASTERNS.

Write your name and address plainmatter of fact the Jewish authorities ly, giving number and size of such laide St., Toronto. Patterns sent by

Matching Colors When You Dye.

in water and compare it with the new-

one. However, I often remove much of the old coloring by boiling the ma-Sometimes I boil it two or three times,

A Rubber Apron.

the neck, and tapes fastened to the are good, and if used according to backing the entire length with heavy provides a place to hang the kitchen

FOR HOME AND COUNTRY

Famous Abroad, Honored at Home.

country communities, how to make the ordinary success to us women, and we available machinery for the preven- appreciated the tribute. We, however, tion of tuberculosis more generally are not forgetful of the fact that used, the proper care of the feeble- when you took the helm as head of minded, were some of the topics the Government Branch that has been earnestly considered at the Central the backbone of our work, there was Ontario Convention at Toronto in only one convention and less than November.

roads and the need for making them sand branches in Ontario alone.

residents to Ontario were others. | achieved among us from home and very efficient home-makers meet with encouraged. From the reefs of less the Minister of Agriculture, the Sup- wise action which might have threaterintendent of Institutes, Directors of ened the efficacy of our organization Departments of Health and Education we have been judiciously and tactto reason together as to how all avail- fully guided, yet without the least able services from Government suggestion of dominance. Your opensources might be made more widely mindedness to our needs and wishes, effective.

banquet presided over by Convention your promptness in answering re-Chairman Mrs. Meek and to which the quests have made your name a housefive hundred and fifty delegates were hold word not only in the homes of ment of roadside advertising. welcomed by Sir Joseph Flavelle, Ontario but throughout Canada.

as a tangible "Many Happy Returns tinents and across great oceans.

back to either a bud or to a lateral, a concrete mixer that had just been of his arrest and delivery to the authfalse impressions as to the meaning material as the coat. Price 20 cents. Scotiand, and are forming we know in adequately rewarded both by our-follow the precepts of the food con-

A Pretty Contest.

In my program of remodeling ishing first or the one making the The wire frame is first wound with wheat flour, with all their health-

Apple Pudding.

one meal. Put two tablespoons of arately. When it is time to apply to and sugar. Have ready a cornstarch trimmed the body of the shade is comand two cups milk. Pour this sauce be added to produce the desired effects may wash and get ready for the meal over the apples and sprinkle with cin- of color and texture. The material before coming into the main part of namon, bake in the oven until brown. should be trimmed off at the joinings the house. Such a room usually opens

kitchen sink or other sewer-pipe clogs finish. A rubber work apron can be made able time and money can thus be saved petals glued to the bowl. tosh. The apron is cut all in one are a number of these chemical sol- runners are made by binding wide moved and hooks screwed in all piece with a bib, strap going around vent preparations on the market that brocaded ribbon with a satin edge and around the top on the inside. This directions they are safe.

Health, the new Dental Service for ascribed the causes of this extra-

seventy Branch Institutes. Now there Education too, and legislation, good are eight conventions and one thou-

good for horses and pedestrians as We fell, sir, that this sound and well as cars, more and better music steady progress has been due largely for the countryside, temperance, and to your wise generalship, often under how most kindly to receive in-coming great difficulties. The best things It was an inspiration to see these community have been emphasized and your patience and kindness, your exe-One of the social features was the cutive and administrative ability,

We are proud indeed to have as our The surprise of the evening was the Superintendent a man too, whose presentation to Superintendent and name more and more since the war, Mrs. G. A. Putnam of a purse of gold is known and honored on other con-

of the Day" to them on the twenty- It is said that a prophet is not first anniversary of his superintend- without honor save in his own counsending flowers and appreciation to

that this is merely the first such historical times.

Mrs. Field Robertson, Pres.,

Without Needle or Thread.

Provide each guest with a large | Everyone appreciates the little icians tell us there is some doubt as cork, tooth picks and a ball of yarn hand-made niceties which give atmost to the gastronomic virtues of white made up of short lengths and various phere to a home—a decorative lamp- bread. In accord with the nation-wide colors tied together alternately. Give shade, for instance, or an attractive health movement, they urge people to the guests instructions on making an bonbon box, or handsome book-ends eat darker breads, or breads containumbrella to protect them from show- worthy of a first edition. Each thing, ing the bran of cereals, which eleers. Stick the tooth picks around the immaterial in itself, lends a distinct ment is considered essential to good side of the cork to form the ribs and touch to the personal effect of a room. health. one into the bottom to make the Sewing of the kind required for such | The farmer has his own granary, handle. Cover the ribs by weaving articles, and the fitting, too, of the a supply of cereals, if ground in the the yarn over and under the tooth- materials so that the needle can fasten proper form, to make many varieties picks, starting close to the cork and them neatly on mitered corners and of health breads. It is mere'y a matworking outward. Tie the ends firmly other awkward places is a difficult ter of exchange to take these grains leaving about a half-inch of toothpick art. Much easier is the use of glue, to the mill and receive in return showing all around. The person fin- This is well shown by lampshades. | whole wheat flour, corn meal, or buck-

Halve and core enough apples for over the binding of each section sep- general health of the family. as closely as it can be cut and narrow onto the back porch, and has rows of When the drain-pipe from the ribbon glued along the seams for a hooks for hanging the coats and hats

or freezes, try a chemical dissolvent An ordinary sherbet glass makes wash bench, mirror and combs or sewer pipe opener before going to an irresistible catch-all dish. To the We have found that a second-hand the trouble and expense of digging up base, overlapping strips of narrow kitchen cupboard-one of the tall sorts the clogged pipe. Sometimes consider- ribbon are glued and then ribbon -is a great convenience in the clean-

satin glued at the edges.

ends can be changed to any shape by good place for work gloves. binding of any sort

lard over the exposed surface to enough wood to last three or four guard it from mold.

Limberneck appeared among some kindling wood .- N. P. of my fowls and, not knowing what else to do, I dosed them freely several times a day with common mineral-oil. Some of the worst cases died, but I saved several valuable fowls that were too sick to hold their heads up. It would doubtless prove a helpful first aid in any evident bowel trouble. -F. W.

There are 20,000 eggs in the flanks of a house fly; immediately they are hatched these 20,000 maggets set to work, so that Linnsens says that three ter is dissolved in the ocean, or enough

THE FARMERS' **ADVERTISING**

One has but to go on the roads where people often go, to find that farmers believe in advertising. Signs of "Fresh eggs five hundred feet ahead," "Sweet cider for sale," and others similar, greet one frequently along well traveled roads.

We can recall that, only a few years ago, farmers voiced themselves in farmers' meetings against good roads because they would be mostly for the use of city folks who had autos, which would scare the farm horses. But time has brought quick changes. Now, rural Canada is not against good roads, their only complaint being on the method of taxation for building and maintaining these roads.

Good roads are, in fact, the rural communities' greatest blessing. They help communication, transportation, and social intercourse. They not only make it easier to get to the market, but are bringing the markets to the farmer's door. They have been the fundamental factors in the develop-

Roadside advertising is new in rural life, but it is gaining such attention that it has become a subject on the programs of farmers' meetings, and is discussed in the rural press,

Industry, business, and most every other type of activity have been, and are, using advertising for the promothat of the public in general. Now, it seems that rural Canada is just coming to the realization of what advertising will do for it.

tody of a single officer. While this convertible and may be worn turned As such friends and representatives we almost equally admire, our warm politan museum. In the ruins of The contestant who first reaches a did not allow him to go abroad, it left back. An inverted plait adds inter- assembled from the Women's Insti- congratulations on this, the twenty- Pompeii, and in many ancient Egypscore of twenty-five wins the game. him liberty to see his friends and est, as well as extra fulness to the tutes of Ontario at this the last of first anniversary of your superintend- tian tombs, loaves of bread have been wooden hoops, about twelve inches in vite the leaders of the Jewish comdiameter, make good hoops for throwmunity at Rome, to have a conference
munity at Ro

staff of life of millions of people.

The quality of this staff of life has Mrs. George Edwards, Past Pres. progressed with civilization, becoming lighter and whiter with each succeeding generation. The lighter qual-

joining by a drop of glue. Some glue the end of her recipe file, awaiting should be spread upon a piece of their debut, the home cook has a num paper and allowed to dry partially ber of these whole grain recipes that, and a generous amount of it be spread if regularly used, would increase the

Plan Space for Clean-Up Room.

up. There is a lavatory or two, or a

up room. It may be painted to match aprons, sweaters, dust caps, etc. The A plain pair of stationer's book- large drawer at the bottom makes a pasting a cardboard frame to the One of the most convenient things

metal. An even padding of flannel we over had in a home was a woodglued on the cardboard beneath the box in the clean-up room, next to the silk or ribbon covering hides irregu- wall, with a sloping door opening into larities in the amateur frame. The it on the other side, opening from the edges of the silk can be carried over kitchen. It was so placed that it was to the wrong side and backed with convenient to the kitchen stove, and felt, which will not ravel or require could be filled from the clean-up room, thus doing away with the necessity of carrying the wood through the kit-When you cut ham or bacon, run chen. It was a large box, holding days, and there was a partition near one end, so as to leave a space for

On Being Kind.

A teacher trying to impress upon her pupils the rightness of kindness to all animals, took them for a walk to bring the lesson home to them. Hearing a scream from little Johnny, she asked: "What's the matter, Johnny?" "I've been sitting on a hornet," was the tearful hesponse, "and i'm afraid I've hurt the poor thing."

The Salt in the Bea. 4,800,000 cubic miles of caline mat-

