Efficient Farming

PRUNING PRUIT TREES. words "pring pruning" are generally that attack the brood. Of the former that attack the brood. Of the former there is but little known. The Isle of this dormant Wight disease, the cause of which has generally a good time to commence tubes of the bee, is so far unknown on more slack time in the orehard than disease of adult bees, is of little imat any other. If pruning is left until portance in this part of the country. spring, the rush of spring work often Bees affected by this ailment, the sprives before the trees are all work-cause of which is unknown, tremble ed over in the orchard. The habit of and have a dark, greasy appearance. leaving the dormant pruning until Diseases of the brood, however, are early spring, as a rule, results in one of much more concern to the beeof two things, either a continuation keeper. The most important of these of operations long after the sap has are: American Foulbrood, caused by begun to move, with consequent poor an organism called Bacillus larvae, bealing of wounds; or results in un- which will eventually destroy a colavoidably slipshop work over a large ony unless man intervenes and treats part of the orchard due to a desire it; European Foulbrood, caused by to finish the pruning and get at other Bacillus pluton, which may be overimportant seasonal operations. By come by a strong colony; and Sacmaking a start in the early winter, brood, caused by an unknown, exceedworking on days when climatic condi-ingly minute organism. tions are not too severe, the work can The first two diseases every year be completed early enough in the sea- cause very heavy losses throughout son to avoid interference with early the country, and it should be each

might be borne in mind that a light scribed treament for such. If he has pruning each year will keep a tree in no literature on the subject he may at less frequent intervals. Pruning from the Bee Division at the Central recommendations to-day are radically Experimental Farm, Ottawa. Great different from those of a few years care is necessary in diagnosing as the subject are advised to write to will but spread the disease. Should the Publications Branch, Dept. of the beekeeper have doubts, he should the Safety point.

Agriculture, Ottawa, for a copy of forward a sample of diseased brood to bulletin No. 18 (new series), which the Bee Division for analysis, and deals with modern orchard practices, thus prevent making a costly error.

Those who are using artificial lights saves him time and money. The plan is sending for the colt, he has in mind is simple and inexpensive, and he put it into effect by calling on a neighbor the commission but the prophecy in Zechariah, which works, or to recount them, which would be their praise. And the Father the commission of a King of rights who owned a typewriter; and having a promise joy to Jerusalem through the comming to it of a King of rights who owned a typewriter; and having a promise joy to Jerusalem through the comming to it of a King of rights who owned a typewriter; and having a follows:

On......, 19..., 1. H. Munson will thee: he is just of the colt, he has in mind is simple and inexpensive, and he put the prophecy in Zechariah, which would be their praise. And the work of a King of rights who owned a typewriter; and having a follows:

On......, 19..., 1. H. Munson will thee: he is just of the colt, he has in mind is simple and inexpensive, and he put the prophecy in Zechariah, which would be their praise. And the grown approved the comming to it of a King of rights. And the prophecy is simple and inexpensive, and he put the prophecy is simple and inexpensive, and he put the prophecy is simple and inexpensive, and he put the prophecy is simple and inexpensive, and he put the coming to it of a King of rights. And the country approved the angel's words, or to recount them, which would be their prophecy is simple and inexpensive, and inexpensive, and inexpensive, and inexpensive, and i

FACTS ABOUT BEE DISEASES. beings; therefore the consumer of diseases and these few may be di- when he hears of their existence.

TRAINING OUR

CHILDREN

contents of my sewing basket.

that for her doll trunk."

off to the fishing hole.

self. has fallen into bad habits:"

carried worms in it."

the article in its home."

home, the game will begin. If either

one who forgot must immediately put

How everybody flew around putting

things away! In no time the room

looked as neat as a pin. At first, no

one got a forfeit, but the next morn-

the edge of the beat?"

"I am not smoking," began Tom.

twice this week," volunteered Sue...

toy horse under my rocker.

I said.

floor. Tom."

Thomas hurriedly turned out the

"Son, please don't muss my basket."

I sat down weakly. Crash! went

"I forgot to put him up. Well, so

When speaking of pruning, the that attack the adult bees and those can be accomplished during been recent!v found to be a mite leer months and December is cating in the spiracles or breathing a. At this season there is this continent. Paralysis, another

beekeeper's business to become fami-In planning pruning operations it liar with the symptoms and the prebetter condition than heavy pruning secure a copy of "Bees' Diseases"

these diseases have no effect on human the long run. There are comparatively few bee honey need have no fear whatever

> "I'll get you, Miss," grumbled Tom, as he gave her a pin, and he did. "Pay me a forfeit for not emptying the bowl!" I heard him roar, a little

So it went on. I paid as many forspent half of my time putting things during the winter. away or looking for lost articles.

Seed and Feed Analysis.

"I had to, Mother, because my fishlast, as recorded in the report of the flock. ing tackle was in it. Button Brown and I are going down the railroad to Dominion Minister of Agriculture for Uniformity of temperature in the and the transaction is finished. and I are going down the railroad to Dominion Minister of Agreculture for Uniformity of temperature in the hole."

1923-24, 41,291 samples of seed and henhouse is highly desirable. Fowls feed were received and analyzed—the will stand a great deal of cold if it is a sample blank," Munson explained to the latter for determination of ingre-kept dry.

Luke atone tens us that Jesus, compute over in the plan by calling at the ing into sight of the city, went over it, and predicted the target doom which would fall on it at the hands of the latter for determination of ingre-kept dry.

There is an uncommondation of the city of the dients—at the five laboratories conducted by the Dominion Seed Branch. a cold spell, it is probably just as imphone number. By so doing, I seldom hung over Jerusalem if it continued Quebec last January, 14,892 at Ot- much of the heat as possible on cold a certain article in stock, I am notified of tears at this supreme moment when rats. He said he always carried on "You've broken my horse, Mother. tawa, 8,831 at Toronto, 6,965 at Windays.

his campaign against the rats during the sacrifice on behalf of the nation. It a dry season when the rats were forced. Never mind, I don't care so much any tawa, 8,831 at Toronto, 6,965 at Windays. long, Mother," and he went cheerfully institutions; "Customs," referring to the case. samples of seed taken from imported It is in ways of this sort that the on a busy day. I looked around the disordered shipments by Customs officials; "Officials; "Of

companionship-my boy and girl and I. "I must find some way to teach! them to be orderly," I told myself. "I spend so much time putting away their toys and clothes that I could devote to helping them in more important ways. Yet I just will not nag them about anything. I'd rather pick

Wembley.

When we were settled after our Of especial value and interest was evening meal, we held a "Family the Canadian seed exhibit at the Brit-Council," as we call it. "My dear ish Empire Exhibition at Wembley. sudience," I began, in the make-be- Thirty boxes of seed, of approximatelieve way that we play to often, "I ly six hundred pounds each, were asnotice that this family, including my-sembled in Ottawa and shipped to London in care of the Canadian Exhibition Commissioner by the Domin-"I haven't missed my spelling but ion Dept. of Agriculture." Suitable pictures to illustrate seed production "No, and I have not stolen a pig. and marketing and sheaves of grain, nor dyed my hair green," I denied. grasses and clovers for decorative pur-"Still I insist that we as a family poses, formed a part of the exhibit. have a bad habit-one that wastes our This material, says the Dominion time and makes our home look un- Minister of Agriculture in his report. "Oh, come, Mother, I can't think ous Dominion and provincial plant for 1923-24, was collected from variwhat it is," and Sue looked puzzled. breeding stations, individual growers, "I know!" Tom suddenly cried, and the wholesale seed trade, and in-"Mother means that we don't put our cluded the first prize Canadian chamthings in the right places after we pionship exhibits at the larger Canuse them. Sue, you go right straight adian Shows and at the International and empty your doll rags out of my Hay and Grain Show, Chicago.



"So you think Mayme's a smart

as Tom became very much interd in a book, Sue announced joy-"Sure she'e a smart girl!" "Smart nothing—she can't even "I claim a forfeit; your shoes make her chewing gum pop!"



It's difficult enough to make fire by friction, but much more of a task when an egg is balanced on one's head. Irving Spences, a Brooklyn boy scout, proves that it can be done—and in the space of thirty seconds.

deals with modern orchard practices, thus prevent making a costly error. 50 per cent by the use of lights, but plained to lowly, and riding upon an ass, and outlines up-te-date pruning Bee diseases are a menace to bees experience has proved that in most from your store:

get a flock to laying at better than want the following articles shipped to lowly, and riding upon an ass, and upon a costly error. 50 per cent by the use of lights, but plain upon a cost, the foal of an ass," (Zech. his creatures to give him thanks."

Experience has proved that in most from your store:

sonable percentage is certain to be followed sooner or later by a slump and perhaps a partial molt so that the average egg yield for the year may fall below what might have been obtained without the use of lights.

to use only enough light to bring the promptly. feits as the others, but I no longer flock up to 40 per cent. production

Of the whole 2,864 samples were portant to lower the temperature by have any trouble in getting an order deaf to God's call was often before the treated at the laboratory opened in extra ventilation as it is to hold in as filled. If a store happens not to have mind of Jesus, and provoked a crisis

"He shouldn't have been on the samples come under the head of to reduce extreme variations in temand mail it, as soon as I decide what does not appear that any others than ed to hunt for water to drink. Here "Trade," referring to samples of seed perature to a much greater extent substitute I want. There is no argument, no lengthy letter to write, and than one might at first think to be ment, no lengthy letter to write, and the Messiah.

by farmers, merchants, and others Experimental Farm System. The Sta-blanks, I am able to place an order at therefore, expecting the Messiah to get in the habit of coming to these who destre to know their approximate tion at Kapuskasing, which is under any time, and have it delivered to my appear there. up after them, and even let them be untidy, than to specification and value, and "Investigation," comprising all work of an experimental nature.

The same way, and I found it: this same way, fifteen being devoted to animal fore the item is forgotten. If an order away of the animal, was that the shahit of coming to the tube for bandry, thirty-nine to horticulture, blanks, thus dividing the goods into siah, exercises his royal right for the drinks that during the night they plants, and the balance to poultry, "I usually carry a number of these apiary and fibre plants. Progress on blanks with me, even when I am away all is reported in the Superintendent's from home, and when I think of some eleven to cereals, twenty-one to forage two mail shipments. relative to live stock treatment and there is a post office or rural route. and spread their cloaks under him as soil production in the district. Broad "I have kept careful account of the he advances forward. The other beets was 20 pounds 8 ounces. The -F. R. C. average yield of a similar row of carrots was 23 pounds 14.6 cunces. The average yield of twelve plots of cabbage was 38 pounds, 4 ounces; of Corks sometimes sup down into the battlements, as well as its holy temple, cauliflower 15 pounds, 9 ounces, from bottle, and getting them out is a hard is before them. Then, as if at a significant priming and it also fail 20 plants; of celery, 85 pounds, 11.4 job. Here is a simple method that nal, the whole company starts singing, ing frequent priming, and it also fails giving thanks to God for all the ed to deliver as much water for the on as regards the cultivation and yield Grease the inside of the neck of the "mighty deeds" which Jesus had done. effort as I had been accustomed to get of many other kinds of farm products. bottle. Then put the bottle in very

Especially interesting are the parcold water or in the ice box for a 28 given here by Luke, is from Psalm lift. ticulars given relative to the rotation while (do not fill with water). When of crops, the cost of production, cultiit is cool, take a wire and get the cork thus: "Blessed be he that cometh in the observed grease on the leather and the name of the Lord," and the words that a surprisingly large ourse.

A Lantern Carrier.

barn or poultry house is mighty handy out with a bang. to hang the lantern on when working.
To attach the lantern to the wire, procure a piece of small pipe about three when placed in the ice box. The air "Peace in heaven, and glory in the cellent service ever since.

Grease gives a glazed surface to centre and insert an eve-either eyeor rivet the shank of the screw-eye in the hole and then fasten a large, stiff wire hook to it. This completes the raveler.

tern can then be suspended from the example; and by inculeating proper thusiasm with the invidious silence of a pump leather and is the cause of hook and slid along wire. L. B. R. ideas and ideals?

A Mail-Shopping Plan.

During the year ending March 31, have an unfavorable effect on any instructions, and sends his bill. Next against the charge of speaking blas- Kings and Lord of Lords," the entire

husbandry, seventeen to field hus happens to be a large one, I mail two Lord had need of him. Jesus, as Mes- the habit of coming to the tubs for

all is reported in the Superintendent's from home, and when I think of somefitness for the Messiah's use. report from 1923, for which can be thing needed on the farm, I fill one Vs. 35, 36. The disciples enthusi- in a washtub.—R. E. D. gathered much valuable information out. I can do my shopping wherever astically apparel the colt for Jesus,

beans, for instance, are recommended postage and parcel-post charges on evangelists mention that they also to be grown in every garden of north- this plan during the past year; also strewed the road with palm branches ern Ontario. The average of other the cost of gasoline, team work and and garlands of green stuff, such as beans obtained in a thirty-foot row hours wasted by my former method. were used at the Feast of Tabernacles. last year was 16.61 quarts. The av- The difference has paid me for the II. THE TRIUMPH-HYMN OF HIS DISerage yield of a thirty-foot row of order blank system many times over."

vation of ensilage crops, care of catup as far in the neck as possible, shuttle, winter treatment of poultry, and time the neck as possible, shutwere generally used as a greeting to stated that a surprisingly large number of complaints of pour service from tle, winter treatment of poultry and ting the neck of the bottle tighty with pilgrims coming up to the city for ber of complaints of poor service from pulling the neck of the bottle tighty with pilgrims coming up to the city for ber of complaints of poor service from pulling the neck of the mistake of A wire stretched the length of the under hot water. The cork will come is given by Luke in the form: "Bless- will not pump at all if the leathers

inches long. Drill a small hole in the is then shut in the bottle and the highest." This means that God's purheating of the air causes the air to pose to reconcile men to himself, and leather and reduces rather than inscrew-eye or a plain wire eye. Solder expand and force the cork out. Try so to make his glory seen, is now be creases the suction of a pump-plunger.

are very impressionable and are eas- but Jesus defends his loyal followers, necessary. Sand is the worst enemy Slip the wire through and the lan- ily influenced by the right kind of and contrasts their warm-hearted en-

The Sunday School Lesson

Christ's Triumphal Entry, Lake 19: 29-44. Galiles Test-Messed he the King that council in the name of the

I. JESUS PROCLAIMS HIS BOYALTY, 29-36 8

CIPERS 37-40

him, Jesus kept the mystery hidden: veil aside, and steps into the open as the promised King. It is important also to notice the manner of the announcement. Jesus from toil with praise of God. Philo. who by his death reconciles men to when God had finished making the God. This is brought out by the spe-Jim Munson, who lives in my localfor his reception in the Holy City. He in air or in heaven. The angel ans-

The escort or attendants of Jesus on this triumphal journey are "the Unless one has had previous experience with the practice he will do well and my cheque will be mailed you followers. They celebrate his miracles and my cheque will be mailed you followers. They celebrate his miracles young Queen was told that though when some article is needed on ward with joy to the setting up of his ward was to remain seated. When Plainview Farm, Munson fills in the kingdom in the Holy City. From many, the great choir sang "The Messah," Although hens can be made to produce well in both very cold and very
warm climates it is always true that
extreme variations in temperature
have an unfavorable effect on any

Planview Farm, Munson fills in the kingdom in the Holy City. From many, the great choir sang "The Messah,"
the heart of the young Queen was
the solemn shadow of the cross is yet
cent stamp takes it on its way. The
dealer handles the order according to
instructions, and sends his bill. Next

ven and glory in the highest."

pt dry.

When a warm day comes, following ment, and left them my address and This thought of the disaster which

samples taken by inspectors from lots the course of a year mount up to a ers, I now use them for everything to Jerusalem, and marked the city water in the bottom of the tub or from horse buckles to a pound of such as the Sabbath-law, were consuspected of violating the Seeds Act or the Feeding Stuffs Act, on which prosecutions are based; "Feeding Stuffs," including all feeds, and in ad-Stuffs," including all feeds, and in ad the needs of agricultural production del" columns for other description. would one day reveal himself (Zech. tom of the vessels and dig down through the costs and drink it. Thou dition condiments and tonics sent in in North Ontario by the Dominion Because of the heading on these 14:1-5), and many in Israel were, through the oats and drink it. They

CIPLES, 37-40.

hymn of praise is the moment when

saying that if his disciples wer II. THE TRUMPH-HYMN OF HIS DIS-

III. THE SORROW OF THE KING, 41-44.

INTRODUCTION—The triumphal entrance of Jesus into Jerusalem marks his consent to the public proclamation of his Messiahship. This office, constituting the divine secret of his life, had been disclosed to him at his hap the solution of his life, had been disclosed to him at his hap. had been disclosed to him at his haptism: later, at the close of the Galmaking his final offer of reconciliation ilean ministry, it was revealed to his through the Messiah! But it is imdisciples: now, by Jesus' own act, it is announced quietly to the nation. It is penitent, and soon utter ruin will be sweening one it. announced quietly to the nation. It is important to mark the time of the an prediction show that the Roman denouncement: just a week before struction of Jerusalem in the year 70 Jesus' death on the cross. While the is in the evangelist's mind. Jerusalem course of life still stretched before did not realize, till it was too late. "the time of its visitation" by the

"GLORY IN THE HIGHEST," V. 38. The old Jews always associated rest enters Jerusalem, not as conquering a contemporary of St. Paul, tells a warrior, but as Prince of Peace, he story to illustrate this. They say, ity, has a mail-skopping plan that enters in the garb of civic life. In wered that all was perfect; one thing cases those who do this lose out in the long run.

Size

Model

Size

Model

Forcing production beyond a resclaim him King of Peace, Luke expressly includes in the hymn which follows the salutation, "Peace in heading to glorify God and to enjoy him

It is well known that when Queen day Munson mails his payment cheque phemy, and the transaction is finished.

Luke alone tells us that Jesus, comThen it was that the Queen was over come. She could no longer remain

Catching Rats Wholesale.

An uncle of mine once showed me

Tubs and large buckets filled about best of all, it saves a long trip to town I. JESUS PROCLAIMS HIS ROYALTY, 29-36 two-thirds full of oats are placed in

Greasing Pump Leathers.

Don't grease pump leathers. I purchased a pitcher pump for a lift of about 22 feet above the water level in the well. The dealer, whom I knew to be reliable, said that the style of pular I selected should give good service up V. 37. The moment for raising the to 25 feet of lift. There was not much margin, so reasoning from experience the procession, passing the crest of with automobile cylinders, I decided Olivet, comes into sight of Jerusalem. to lubricate the leather to insure bet-

it. Now hold the bottle over a flame the Passover. Here the salutation is pumps was due to the mistake of or immerse all of it except the neck applied to Jesus as the Messiah, and greasing pump leathers. "Some pumps ed be the King who comes in the name are greased," he explained. I put on

ing accomplished in Jesus' last great "The best care you can give pump Do not parents know that children to suppress this joyous acciamation, on them or handle them more than the religious leaders of the nation, most needs for replacement." D. S.

Racial Originabout the relati

family names. out them has be early period in to crystalize in Originally a r and this was s him from his however, men names. Too ma was called into for instance. Jo from John at to

The given nan name, the surn But to-day, friends and rel verse. Instead and then addin which John we Alter or Town name to show Alter or Towns 'Warne' (w)

ruption of "war name for the aluse as a surnar "atte" ("at the' and might have

Lucky W Which is the to get married? In France, th ponth is consid on which to cele but in other co gardd as a mos In Scotland s weddings runs r as to the vario couple. A Scott

oatcake has be head. But woe cake should be or foul design! head. In the Highlan lucky for a dog bridal couple church. The b by gray horses, should wear no

threshold of he

his left shoe. Formerly the shoe-throwing w foretell who wor the departure of

the reflowned facent to the he