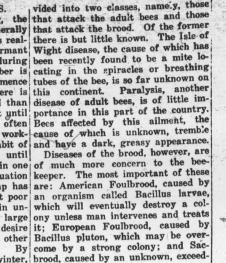
Efficient Farming

PRUNING FRUIT TREES. When speaking of pruning, the words "spring pruning" are generally used when "dormant pruning" is real-ly meant. Much of this dormant pruning can be accomplished during the winter months and December is the winter months and December is the speaking of pruning the spiracles or breathing the speaking of pruning. The spiracles or breathing the spiracle of the spiracles of the bee, is so far unknown on generally a good time to commence tubes of the bee, is so far unknown on operations. At this season there is more slack time in the orchard than disease of adult bees, is of little immore stack time in the orchard than disease of adult bees, is of little im-at 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 arrives before the trees are all work-cause of which is unknown, tremble and have a dark, greasy appearance. Diseases of the brood, however, are arry spring as which are not of which is on the beat 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 bee-of 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, healing 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 making a start in the early winter, brood, caused by an unknown, exceed-

outlines up-to-date pruning methods

FACTS ABOUT BEE DISEASES.



working on days when climatic condi-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 beekeeper's business to become fami-liar with the symptoms and the pre-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 better condition than heavy pruning and literature on the subject he may better condition than heavy pruning secure a copy of "Bees' Diseases" 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 ago and those who are interested in application of the wrong treatment ago and those who are interested in application of the disease. Should the subject are advised to write to will but spread the disease. Should the **Fublications** Branch, Dept. of the beekeeper have doubts, he should Agriculture, Ottawa, for a copy of forward a sample of diseased brood to Agriculture, Ottawa, for a copy of loward a sample of discussed analysis, and bulletin No. 18 (new series), which the Bee Division for analysis, and deals with modern orchard practices, thus prevent making a costly error.

There are comparatively few bee honey need have no fear what diseases and these few may be di- when he hears of their existence,



The Sunday School Lesson

JANUARY 4

Christ's Triumphal Entry, Luke 19: 29-44. Golden Text-Blessed be the King that cometh in the name of the Lord.-Luke 19: 38.

ANALYSIS. I. JESUS PROCLAIMS HIS ROYALTY, 29-36 silenced, the very stones would cry out for shame. II. THE TRIUMPH-HYMN OF HIS DIS-CIPLES, 37-40. III. THE SORROW OF THE KING, 41-44.

CIPLES, 37-40.

would be their praise. And the Father approved the angel's words, and not long afterwards there appeared this race, gifted with the muses and with song, the Jewish race. Philo tells the story and adds: "It belongs peculiarly to God to help, and it is the work of his creatures to give him thanks." The Zoher, a later discussion of Jew-ish scripture, says, "There are halls in the heavens above that open but to the voice of song." And the Shorter Catechism puts it in a large way, if somewhat enigmatically: "Man's chief end is to glorify God and to enjoy him forever."

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come and leap over the edges into the

One night my uncle caught twelve rats in a half-bushel bucket and 34

Greasing Pump Leathers.

about 22 feet above the water level in the well. The dealer, whom I knew to

be reliable, said that the style of pump

hased a pitcher pump for a lift

Don't grease pump leathers. I pur-

TRAINING OUR CHILDREN

Thomas hurriedly turned out the contents of my sewing basket. "Son, please don't muss my basket,

I said. "I had to, Mother, because my fish-

ing tackle was in it. Button Brown and I are going down the railroad to fish in the hole." "But," I said, "why don't you keep

your fishing tackle in the box I gave you for it?" "Oh," in an injured tone, "Sue tool

that for her doll trunk."

I sat down weakly. Crash! went toy horse under my rocker. 'You've broken my horse, Mother Never mind. I don't care so much any

way." "He shouldn't have been on the floor, Tom."

"I forgot to put him up. Well, long. Mother." and he wont cheerfully off to the fishing hole.

I looked around the disordered room, the dear old room where we spend so many happy hours of swee 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 import-ant ways. Yet I just will not nag them about anything. I'd rather pick up after them, and even let them be untidy, than to spoil their joy in our



server the banks and the case. It is in ways of this sort that he case. It is in ways of this sort that the case. It is in ways of this sort that the banks were printed samples taken by inspectors from lots which are sold or offered for sale and suspected of violating the Seed Act or the Feeding Staffs Act, on which gstuffs, "including all feeds, and in ad-dition condiments and tonics sent in by farmers, merchants, and others who desire to know their approximate composition and value, and "Investi-gation," comprising all work of an experimental nature. **Canadian Seed Exhibit at Listor Reclains HIS ROYALTY**, 29-30 **Listor Reclains**, and hard feed **Reclains HIS ROYALTY**, 29-30 **Listor Reclains**, and hard feed **Reclains His ROYALTY**, 29-30 **Listor Reclains**, and hard feed **Reclains His RoyALTY**, 29-30 **Listor Reclains**, and harb the decase **Reclains His RoyALTY**, 29-30

comrad ship with me." I felt sure there was some way, and I found it; this story tells the tale.

When we were settled after our evening meal, we held a "Family Council," as we call it. "My dear audience," I began, in the make-believe way that we play so often, "I notice that this family, including myself, has fallen into bad habits.

'I am not smoking," began Tom. haven't missed my spelling but twice this week," volunteered Sue.

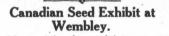
"No, and I have not stolen a pig, nor dyed my hair green," I denied. "Still I insist that we as a family have a bad habit-one that wastes our This material, says the Dominion time and makes our home look untidy.

things 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. box.

"I guess I won't, Mister, till you give up my doll grip. Mother, he carried worms in it."

"Listen, children," I broke in, "Let's make a game of it. First, we will each put things in their proper places. Let's play that everything has a home and make it stay there, except when it is in use. After every thing is home, the game will begin. If either of us leaves anything out, away from its proper place, the one who sees it may claim a pin as a forfeit, and the one who forgot must immediately put the article in its home."

How everybody flew around putting things away! In no time the room looked as heat as a pin. At first, no one got a forfeit, but the next morning, as Tom became very much inter- girl? ested in a book, Sue announced joyfally, "I claim a forfeit; your sho are under the edge of the bed."



Of especial value and interest was the Canadian seed exhibit at the British Empire Exhibition at Wembley. ly six hundred pounds each, were assembled in Ottawa and shipped to London in care of the Canadian Ex-hibition Commissioner by the Dominion-Dept. of Agriculture. Suitable pictures to illustrate seed production and marketing and sheaves of grain, grasses and clovers for decorative purposes, formed a part of the exhibit. Minister of Agriculture in his report for 1923-24, was collected from vari-

"Oh, come, Mother, I can't think what it is," and Sue looked puzzled. "I know!" Tom suddenly cried, "Mother means that we don't put our

Not to be Called Smart. "So you think Mayme's a smart

"Sure she'e a smart girl!" "Smart nething-she can't even make her chewing gum pop!"

way, fifteen being devoted to animal fore the item is forgotten. If an order husbandry, seventeen to field hus-happens to be a large one, I mail two Lord had need of him. Jesus, as Mes-bandry, thirty-nine to horticulture, blanks, thus dividing the model into the coversion his reveluent is reveluent of the basis of the tube of the tube of the tube of the tube of the basis of the tube of the tube of the basis of the tube of the basis of the tube of the tube of the basis of the tube of the tube of the basis of the tube of the basis of the tube of the basis of bandry, thirty-nine to horticulture, blanks, thus dividing the goods into siah, exercises his royal right for the drinks that during the night they eleven to cereals, twenty-one to forage two mail shipments.

eleven to cereals, twenty-one to forage two mail shipments. plants, and the balance to poultry, "I usually carry a number of these apiary and fibre plants. Progress on all is reported in the Superintendent's from home, and when I think of some-report from 1923, for which can be thing needed on the farm, I fill one gathered much valuable information out. I can do my shopping wherever relative to live stock treatment and there is a post office or tural route. soil production in the district. Broad to be grown in every garden of north-this plan during the past year; also and garlands of green stuff, such as

beets was 20 pounds 8 ounces. The --- F. R. C. 盛 average yield of a similar row of carrots was 23 pounds 14.6 ounces. The

Removing Pushed-In Corks.

wire hook to it. This completes the traveler. Slip the wire through and the lan-tern can then be suspended from the example; and by inculcating proper hook and slid along wire.—L. B. R. ideas and ideals?

time to use the property of his sub-jects. It is specially mentioned that

water and are drowned. in a washtub.---R. E. D.

to be grown in every garden of north- this plan during the past year; also ern Ontario. The average of other the cost of gasoline, team work and beans obtained in a thirty-foot row hours wasted by my former method. last year was 16.61 quarts. The av- The difference has paid me for the last year was 16.61 quarts. The av- order blank system many times over."

CIPLES, 37-40. V. 37. The moment for raising the to 25 feet of lift. There was not much margin, so reasoning from experience hymn of praise is the moment when the procession, passing the crest of O.ivet, comes into sight of Jerusalem. with automobile cylinders. I decided

Trots was 23 pounds 14.6 ounces. The average yield of twelve plots of cabbage was 38 pounds, 4 ounces; of califidwer 15 pounds, 9 ounces, from a fifty foot row, and so will often get results:
Do plants; of celery, 83 pounds, 11.4 job. Here is a simple method the source of a sregards the cultivation and yield of many other kinds of farm products. Especially interesting are the particulars given relative to the rotation of oros, the cost of from products. A wire stretched the length of the sol, take a wire and get the col, take a wire and get the col, take a spossible, shut the work of the bottle ottle duby with a day.
A Lantern Carrier.
A uantern Carrier.
A uanter carrier.
A uantern Carrier.
A uanter the length of the source or poultry house is mightly handy to hang the lantern on when working. To attach the lantern to the wire, parter with a subang dand force the cork will: come is grown being and and force the cork will: come is completes the heak and there facture expand and force the cork. Will come the source or palain wire eye. Solder or the source or palain wire eye. Solder or the source or in the ice box. The air tay is a trans tha dold the bottle over a flame the wheak cork with a tarte cork

