Efficient Farming

is how best to store the crops that early spring use. Generally speak-tomatoes.
ing, all root crops can be safely stored They are received in stone crocks, ly short time.

When putting away potatoes we use boxes that hold from one to two bushels. In receptacles of this size the tubers are readily overhauled from time to time, for if one potato goes bad those surrounding it are very soon affected also; hence the necessity for for freshening up the lawn and gargoing over them occasionally. The coolest part of the cellar must be reserved for them, and light must be excluded, otherwise the tubers will become green and the flavor thereby be snow and rain. The Dominion Chem. greatly impaired. Of course this can ist points out that the chief function be obviated by covering the boxes of rain is the bringing into solution with sacks or other material to exclude all light.

LOOK OUT FOR VENTILATION. If the cellar has a dirt floor the majority of the root crops will aptribute a notable, though not a large the small quantity of moisture that will always be present, provided the furnace is at such a distance is found that the quantity of nitrogen that the temperature will never be unduly high. In the latter case it well to erect a partition, thus providing a separate room for the vegetables, and as far removed from furnace as possible. The partition need not be made of expensive material, but a separate storage room is absolutely necessary if vegetables are to be kept in first-class condition for any length of time. Ventilation is of the greatest im-

The storage room should be provided with at least one window: be provided with at least one window; if there are two, so much better. During all mild weather the windows about do esting the part of the solution of the part o if there are two, so much better.

Parsnips and salsify may be left in the ground, for they are perfectly

I have found the attic to be an adare spread out thinly on the floor. CELERY'S SPECIAL NEEDS.

Celery requires special attention in storing if we are to have it in prime condition throughout winter and into Select a sheltered position for the trench, which is dug eighteen inches wide and deep. Loosen the bottom of the trench, or spread a little of the fine top soil over it to vious to storing the plants. The plants packed, decay and rot will surely follow. When lifting the celery plants dred pounds. try to keep as much soil as possible on the roots, and if they are very dry it will be well to apply more water to the leaves and stalks are kept quite dry. Set the plants in rows fairly close together, drawing soil well over the roots as each row is completed. The soil between the rows, well firmed, will allow a little air space between the plants, and prevent heating.

When the plants are all in the trench, the roots properly covered with soil and made firm, the sides are banked up with more soil until it is level with the extreme tops of the leaves. It is now of the greatest importance that the tops should not be subjected to rain, or at least that portion of the trench intended for winter and spring use. Yet, if the weather is mild, there is no necessity to cover the plants unless there be danger of rainstorms. However, as a wooden roof is necessary later, it may containers. be prepared now. On the approach of frost the celery is covered with a thick layer of dry leaves and the leaves covered with two twelve-inchwide boards, these being joined to form an inverted V, and so shed the

STORING THE ROOT CROPS FOR Pumpkins and winter squashes on our farms will be should have a temperature of at least paring their exhibits.

One of the most important problems now facing the home gardener end of the cellar suits them perfectly.

Towards the end of the season w

in a frost-proof cellar, and will, if and the crocks filled with a very properly cared for, keep in first-class strong brine. After filling, the crock condition until spring. A temperature is covered with a piece of clean cota few degrees above the freezing point ton cloth which is held in place by is ideal, but in the majority of home an inverted plate. They are kept in cellars such a low point is not easily the cool cellar. When preparing the maintained. The result is that unless fruit for use they are soaked in fresh some varieties of roots are not covered cold water overnight, then peeled and with soil to exclude the warmer air, sliced in the usual manner. If the and so keep them from shriveling, tomatoes are perfectly sound when they become useless in a comparative stored they will keep in fine condition for fully four months.

Fertilizing Effect of Rain and Snow.

The remark is often made, more den. The reason for this is at least partly explained in the report of the Dominion Chemist, who has been considered by the judge, as is shown by the score carrying on chemical examinations of of the plant food in the soil, thus making it available for absorption by the plant rootlets. But it is also true, he continues, that rain and snow conpart of their nitrogen compounds to the life and growth of the plants. It compounds present in rain and snow varies from season to season, and also according to the locality in which the rain falls. The condition of the atmosphere at the time of precipitation in respect to smoke, etc., markedly affects the nitrogen content, for it is by the washing, filtering, cleansing action of the rain and snow that they derive their fertilizing value. Heavy bush fires are credited with greatly increasing the nitrogen per ton in the rain, while samples of rain water collected from large industrial centres are shown to contain a greater rich-

his purchases at these sales, arrange—see how well they can fill it. Our lot of hogs to take to the country fairs may be made through a reprecuentry fairs are country promotion to the Live Stock Branch at sentative of the Live Stock Branch at enterprises primarily; they are not it makes it easy to move over the any of these stockyards to himself pet exhibitions of the officers, and alvisit a ranch to secure his shipment. though fair officers are often an The whole week is given over entirely mirable storage place for onlons; it is Before proceeding westward on a abused lot, they are invariably public to the fair and the whole force thinks -purchasing trip, it well to communicate with the Live for the promotion and development of Stock Commissioner at Ottawa for de- community interests. tailed information.

West are even at this early date standpoint only. Of course, a certain bringing comparatively low prices, amount of premium money is neces-while the prices in the East are at sary in order to leave a satisfactory least moderate for this time of the taste in the mouth of the showman year. During the week ending Sept. He spends a tedious week, washing little of the fine top soil over it to 4 stockers from 450 to 800 pounds and grooming his charges, constantly sold in Edmonton from \$2 to \$2.50 a cleaning stables, and forever answer hundredweight, while feeders 800 to ing questions, wise and otherwise. He 1,100 pounds brought no more than loves his charges, he loves the strife should be lifted and put away in dry \$3 a hundred. During the same week of a healthy contest, and naturally stockers were sold in Toronto up to likes to see the prizes come his way. \$3.85 and feeders up to \$6 per hun-

Use the Blower.

Before entering the silo it is advisthe bottom of the trench; and also dip able to start up the blower of the cutting box. In a silo which has been long empty the smothering carbon in one week, than will visit your farm dioxide gas may be formed, and the to see them in a whole year.

fresh silage in one partly filled may

ITS HIGHEST ESTATE. poisonous gas. If there is produce a no circulation of air one of these may be present in considerable volume. Air currents stirred up by the blower dilute the gases sufficiently to drive

> business in certified seed potatoes, tractive form the resources of their Last year 235,000 bushels were shipped out, a big portion of which was sent to the United States.

Get the galvanized vessels out of the chicken coop. Hens fed milk in such containers are poisoned thereby. Use wooden, earthen, or porcelain

The best time to save seed potatoes? Why that's easy—as you dig them. When you come to a hill that has a nice lot of uniform, good-sized ones, put them aside for next year's planting.

Preparing Butter for Exhibi-tion at Rural Fairs.

During the next few weeks the fall fairs will be on all over the province. This means that many of the people on our farms will be very busy pre-

Butter is just one of the many were grown specially for winter and select a number of ripe; firm, perfect make a creditable showing, so says

particularly by the town dweller, is weak and the color pale, or, if the

ca	rd,	w	nich	i	ľ	E	a	d	3	1	a	8		f	ol	1	0	W	.;	:			
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	Pac	kiı	ng																				10
		T	otal																		-	1	00

few drops of coloring to the cream be careful not to add too much. Better have the butter pale than have it highly colored.

Do not wait until the morning of



would be benefactors, giving their best services

Too often exhibitors look upon their Feeder and stocker cattle in the show efforts from a rivalry making

But the money war is not the sole benefit. The advertising value of a week's exhibition of one's wares whether they be cattle or cantaloupes or candles, is well worth the effort spect your exhibits at the county fair

ITS HIGHEST ESTATE.

The county fair reaches its highes estate, however, when the exhibitors can look upon it as a promotion enter prise, as a means of fixing highe ideals in the minds of men and wo men. When numerous local exhibit ors make their exhibits with the big Prince Edward Island is doing big idea of showing to the world its at respective communities, they are look ing upon the fair business from the right viewpoint. It is this pride in one's own community, and in the accomplishments of its people, that lends the right spirit to the occasion, that gives to the county a high stand- benefits resulting to the whole com ing throughout the county, and that munity will show up in an even inultimately causes the premium lists to grow, the attendance to swell, and ever, that no one individual will prothe advertising benefits to multiply.

of little else.

We pitch a tent in a convenient place, arrange a comfortable bed, take along a chest full of tools and equipment, and some grain for the stock, the fair company furnishes hay and bedding,—and camp out for the week. It is a hard life, of course, but like other sorts of camp outfits, is not surely deserves a special dispensa-care," but the thought usually sinks without its enjoyable features.

Much of the week previous is often given over to preparation for the There may be feet to trim, horns to scrape and polish, halters to make, and calves and colts to break to lead. It saves lots of uneasiness and text, to be with the gang. worry during the first days of the can be gradually taken off the grass

The professional showman who folws a fair circuit, or shows at the is not necessary or advisable for the farmer who keeps good stock and frazzle there has to be a reckoning.

patronizes his home fair only,

A first appeal should be made by

There is much good training to be ng ratio. It is safe to say, how-

that it has become a sort of custom a real good sportsman to be a gracewith us here on Francisco Farm to ful loser.

The Sunday School Lesson

OCTOBER 5

The Choice of the Twelve, Matt. 10: 1-18. Golden Text-Freely ye have received, freely give. Matt. 10: 8.

THE PEDLAR

Good morning, Mother Mousie, havy gen as ed any cornt.

I'm. Gobbis Grein the pedlar, and ly make a creditable showing, so any so and all utages and do not feed the cow pass thing that which give an undesigned and do not feed the cow pass thing was each morn.

Would you care to taste a sample of the grein that is may be the pedlar with a feed of the companion of the sould good and the pedlar with the feed of the companion of the sould good and the pedlar with the feed of the pedlar with th ers are few; Pray ye, iherefore, the Lord of the harvest, that he will send forth laborers into his harvest," Matt. 9: 37, 38.

I. THE TWELVE DISCIPLES COMMISSION-

In the choice of the Twelve, Jesus ord of the harvest, that he will send orth laborers into his harvest," followed what would now be considered as sound pedagogical path. First disciples, then apostles—first learners, then doers. "The end of a thought is an action," said Carlyle. "The means we've. Some of them possibly were as we've." It needs intolline the constant of an action should be a thought," let

TRAINING OUR CHILDREN

The Hop O' Thumb Boy-By Marion Brownfield

successfully, probably the "Hop O' minute." Thumb" or irrepressible type of boy is the biggest problem. As one school of pride, and this is of value if it is teacher says, "You never can put your only directed into the right channels. finger on him," and as his own mother These first pleas may be met with a says, "A mother of a boy like Archie certain bravado that implies "I don't

The Hop O' Thumb boy is the kind that "dry cleans" his hands on a towel when sent to wash them before meal time, and who slips away from the table afterwards, on the slightest pre-

The remedy? In the first place, one fair, on the part of the cattle, if they has to consider Archie's virtues as to study or keep his person or room well as his faults. While impulsive in order. Thus, for example, and accustomed to dry feed before and restless, he is quick to learn if he fair time. With kind handling and a list use grain, they will soon adapt themselves to the change and apparently enjoy it. the home.

National Exhibition, will of course brings home poor marks from school, fellows with whom he is associating. need to practice more thorough fitting makes endless work at home by throw—Their company can be discouraged of in keeping with the keen competition ing his belongings around and through which he will meet, but high fitting the daily infractions that tempt his

the father. ecured from an effort to make the love for his mother should be the nome fair a success. The horses, the plea. "See here, if you really care for just what is needed to forge anew the cattle, the hogs, and the sheep will her don't make her so much work! bond between him and his parents, all take on new manners and give to You don't want your mother to be

that your mother has to stand over previously has been so carelesa.

Of all children difficult to bring up; you and watch or talk to you every A boy generally has a vast amount in and is applied if the boy can manage to do it without seeming to "give or lose any of what he considers his "manly dignity"!

If he seems to have grown suddenly beyond home influence and his father's advice, more drastic discipline is needed. A practical punishment, firmly enforced, is often effective for failure can't ride your wheel for a week." or "I shall not allow you to attend the movie on Friday night." Either will be a hardship.

When such punishments fail to improve the boy's general attitude, the When Archie rebels at practicing, fault is likely to lie with the play-Their company can be discouraged of course, and an effort to keep him at home should be made. Books, games, mother to nag him wears her to a and radio, for example if they keep him under home influence. To keep A first appeal should be made by an active boy contented in his own If the boy is young his yard is difficult, yet to keep him away from the gang or "mob" influence is

The father who drives a machine the owner greater satisfaction in possible your servant, do you, just because should take the boy along with him sessing and caring for them, and the you're lazy or forgetful?" whenever possible; outdoor sports ou're lazy or forgetful?" | whenever possible; outdoor sports | Along with this goes the idea of should also include the son. But failjustice; "fair play" is an appeal that ing then to curb the boy's restlessness nearly every boy responds to. "Do and keep him from underivable comyou think it's fair to make your panions, real work among kind but PREPARATIONS FOR THE SHOW.

It is with all these objects in view to be a good winner, but that it takes hat it has become a sort of custom a real good sportsman to be a grace-will be done. Don't be such a baby and other advantages of which he