GEEN

for sleighing ike winter. he week end

son arrived looking as it eed with him. Y. P. O. held in the school as a good at-O. re-organiz-Mr Jas. elegate to go ronto in Dec-

ple put on a lots of varspent an ev-

ve started to stmas Tree to n the near fu-

London, spent Mr and Mrs.

HILL sphones instal-

ne last week. line will soon onnected ready of Ebenezer is with his broth-

ad Mrs Lawson

inter. Hope it ern trip, which ery much. on Hopkins and and Mrs James

BENTINCK visiting a week

rs. Robt Smith nzie and Willie Winter Fair, Tor-

e is now a Jun-Bank staff. d daughter, Miss e-opening servic-United Church,

Mr Willie Mc has just completiil season's thresh this week

MARKETS

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eetings

rests of F. R. F. O. Candi-

RNLON -Hol'd Centre

-No 11 School roton, at 3.00 - Elmwood & ey at 2 30

30 _ Latona at 3.00

29 - Neustadt

at 8 o'clock 25- Chats-Williamsford

Columbus I. Proten | Lamlash S. S. No. 9 nby

30 -Durham

ngs will be adhe Candidate, MacPhail, M.

e the King

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THE STORE FOR GOOD BREAD AND CAKES

Apples -- Their Growth and

Interesting Address by a Clarksburg

Fruit Grower, Geo. H. Mitchell.

Two good number one snow apples was the special treat afforded the members of the Kiwanis Club Owen Sound, when they came to the tables at their noon day luncheon one day last month when apple week was held throughout the Province. It was fitting that the Club should have as its special speaker, Mr. Geo. H. Mitchell, Secretary of the Georgian Bay Fruit Growers' Association, one of the most extensive growers of

apples in this district. as one of the leading apple growers McIntosh, which is also grown extenof the province, and he was listened sively there as well as in Ontario, the fruit they have got. Fortunately to intently throughout. He said:

The object of National Apple Week a more general use of our native grown kind of fruits.

I would like to tell you a few eidering the industry in Canada. Appart of their lives in barrels or boxes growers have been induced to plant Some of you may imagine that apand are buried in pies. Apples unlike almost anything the Nursery sales ple growing is a seasonal vocation melons, are eaten from the outside men asked them to try and it has and that there are certain times of in instead of from the inside out, had the effect of putting a lot of fruit the year very little to do. Well, I but sometimes when green produce an inside out sensation. The three poor quality. Large commercial grow-find the time, winter or summer, that William Tell and Applejack. From the that are being asked for and the earnest days of numan mistory, wanted, so that in a few years old growing end properly, he has a year the apple has been the most temptin of all fruit. There are many stories connected with the apple from story of Adam and Eve, where the we grow most successfully here and apple is mentioned as a temptation, cal powers, but also because of tis ple is believed to have caused the first fall of man but since then the banana has given it a hard race, with Wolf River and Baxter. No other falls ant parts of orchard work and in our the orange peel a close second.

Our belief in the Old Verse handed down from England "An apple a are capable of filling all requirements men of course, as soon as school cloday keeps the doctor away" has an either for dessert or cooking purpos- ses for summer, and keep them going corded in mythology of nations all over the world. In the stories of the Arabs and the Persians, the apple lent winter varieties in Ontario. but see at times in your shop windows. always appeared as a life-bringing, as in falls, there has been too many Of course they should not find a place The only portion of the apple that cannot be eaten is the core, upon may want more, but are compelled to Wagner. stop, hence the origin of the familiar

In historic times the crabapple, so and Talman Sweet. taste, like the nip of a crab, was cellent and the first three McIntosh, bers of the Club. found all over Europe. Its real ori- Snow and Russet, are pretty hard to Mr Thomson expressed appreciation gin so far as historians can discover surpass for dessert purpose. Of the and tendered the thanks of the Kiwas exactly where the Bible puts it; latter class, Spy, of course, is certain wanians and their guests for the enthat is to say, the first apple trees ly by far the most popular as it is a lightening address. were probably found somewhere in splendid dessert variety as well as the district back of Palestine and As- being the most satisfactory for cookia Minor, in a rough way towards ing purposes. The other varieties Mesopotamia, where the Paradise of mentioned are also very desirable for the Bible was located. They were general use and you could not go as iness to my son, all accounts for slowly spread over Europe by the tray in using them in their proper milk, must be settled by the 15th of Greeks and Romans. The Romans season of course. first brought the cultivated apple to Varieties are originated in three will be strictly cash. Britain. From England the Puritan different ways. First from seed of forefathers of New England brought fruit pollinated naturally and these their favorite fruit to these shores, are called Seedling varieties; secondand then the apple steadily travelled ly by artificial cross fertilization and so the birthplace of the Caucasian erica to-day are seedling and to this race and that wherever the white class Canada has contributed its fair man moved West in his trip around share, the most outstanding being the world, to Greece, Rome, Northern McIntosh, Snow and St. Lawrence. Europe, England and America, he Undoubtedly the best known and cercarried the apple tree with him. The tainly the most highly appreciated of apple tree in its march through civil- these varieties is the McIntosh, which ization, typifies the advance of the for two successive seasons has been

The origin of the cultivated apple England, where it competed with apis unknown. It is sufficient to say it ples grown in all parts of the world had its beginning in the wild apple to be the best dessert variety grown of Europe, but there is no evidence in the British Empire. It is named to show when the improvement be after the discoverer of the original gan, nor when the fruit reached the tree, John McIntosh. He was an Unisize, color and quality of what it ted Empire Loyalist and settled on considered a good apple today. It is Lot 9, Con 5, in the Township of Maknown, however, that the Romans tilda, Dundas county in 1796. He was had a few cultivated varieties that clearing some land adjacent to his might compare with some now, at the forest home and came across a clump beginning of the Christian Era. It is of apple trees, about twenty in num thought that the apple tree was first ber growing quietly in company with introduced into Canada in Quebec, huge maples, oaks and elms on evand shortly after in Nova Scotia by ery side. With zealous care he transearly French settlers, although no planted these in the clearing but the definite date as to its introduction only one to survive was a hardy tree has as yet been established.

Canadian apples are now grown in British Columbia on the West and the Okanagan Valley has become famous throughout the world for highly colored boxes of apples. Nova Scotia in the East is also a very large producer, probably the largest, and the Annapolis Valley is as well or better known on the markets of the world than the fruit from British Columbia. Portions of Quebec along the St. Lawrence also produce quantities of very fine fruit, principally

McIntosh and Snow. To us the banner province for apple production is our own Province of Ontario and here apples are grown extensively along Lake Ontario, Lake Erie, Lake Huron and the farthest North, along the South shores of the Georgian Bay. It has been found the lake regions are the safest from frost both in spring or fall. In the spring the ice in the lakes keeps back the buds until frost damage is over and

moderate long after frost has detree of the great McIntosh apple which stroyed vegetation inland. The Pro- is now known all over the continent. in fall helps to keep the temperature fruit and which became the parent vince of British Columbia produces Probably you would like to know about two and a half million bushels something of the growing and packannually, all of which are packed in ing of apples in Canada and the boxes or crates. Nova Scotia pro- mount of labor required. The growduces about four and a half million ing of apples is a highly speculative bushels, and Ontario about the same, industry and is probably safer conwhich are packed in barrels, bores or ducted as a part of mixed farming bushel baskets, the latter package although it is seldom fruit is as well displacing the old barrel package grown as where it is made a special more each succeeding year, and for business. When conducted separately dessert fruit will undoubtedly event- so many things may happen to ruin ually take the place of barrels entirely a grower's chance, through no fault

I might mention here the varieties of his, that at times it is really hazgrown in each province. The West, ardous. Hundreds of thousands of meaning British Columbia of course, dollars were lost by growers in Ontproduces a number of varieties we ario through frost one year ago and grow very few of in Ontario, such as with a light crop following this sea-King Davids, Rome Beauty, Winesap son, some will be very hard hit and and Delicious, all highly colored fruit nothing can save them from financial Owen Sound introduced Mr. Mitchell and attractive. These varieties and ruin where dependent on fruit crop ing, being fairly uniform in size.

The greater portion of Nova Scotia big profits can at times be obtained. the Canadian people the importance crop is also of varieties that are not I know of one grower in Clarksburg of the apple industry and to stimulate grown extensively in Ontario, Grav- who was asking \$4000 for this season's

We in Ontario can grow about any it himself. No, this did not include variety successfully and this very the land, just the fruit. He was forteresting for you to know before conwanted by consumers on account of tion for twenty years and have to away with. In fact they have been Pruning starts any time after hardisappearing rapidly this last ten vesting that we can get at it and years, and ten years more should put continues until April or May. Then apple is mentioned as a temptation, cover the entire season are: For ear of the spring months. All available not merely shall I say for its maging the large because of the large and a good cooker, even while green. the harvest can be used to good adattractiveness as a delicacy. The apor two weeks later are Wealthy, St. parations for harvesting. Thinning Lawrence, Gravenstein, North Star, has become one of the most importshould be planted. All of these var- own orchards we start a little army

origin without superstition. The use es. Ten or fifteen years ago we would at this work until fall. Unfortunately of the apple does promote health, probably have twenty or thirty others a great many growers have not at and the modern medical fact is reto handle for growers, but they have tempted thinning in a scientific way and that certainly accounts for the now practically disappeared. We grow a great many very excel- small scabby and scrubby apples you

ieties have a good appearance and of school boys, under capable fore-

gave satisfactory answers to a num

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-Cuts fuel bills in half

-Gives more heat

health-giving medium. Even in old undesirable ones. It is only neces there as usually there are sufficient folk songs of Northern Europe, the sary to mention the best class which good fruit to meet all local require-(1) Dessert. (2) General use. In the first group I would place at any price. It pays to buy the best

> In the second group for General and want more. use Spy, King, Baldwin, Greening, Following the address, Mr Mitchell

called on account of its sour, biting All of these varieties are most ex- ber of questions put to him by mem-

West. It is interesting to note that third by grafting and budding. Most the birthplace of the apple tree is al. of the named-varieties grown in Am-

judged at the Imperial Fruit Show in

Children At School Need To Be Well-Nourished **SCOTT'S EMULSION**

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SUBSTITUTES FOR GREEN FEED OF SUMMER ARE NEEDED.

Diet Is an Important Factor In Preventing Rickets-Also Something About How "Thumps" Are Caused and Combatted.

(Contributed by Ontario Department of Agriculture, Toronto.)

Considerable effort has been expended in attempts to discover suitable winter rations for young pigs. During the summer when pigs are at pasture, rickets and osteoporosis are quite rare occurrences. Pasture grass yields an abundance of all the recently studied vitamines, and so as part of the ration supplies the needs in metabolism and prevents the condition known as rickets. Winter pigs need a winter substitute for pasture or a feed that resembles green growand if conditions are favorable very ing grass and can be fed in a practical way. This is best supplied by a leafy legume as well cured second crop alfalfa hay. If the leaves of the alfalfa are well preserved, and of a green color, then feed a quantity ery prospect of getting it by handling equal to five per cent. by weight of the grain ration. Minerals such as ground limestone, ground phosphate rock, and ground bone-meal should also be fed in total quantity not necessarily exceeding two per cent. of the total ration. The alfalfa and the venting lameness, rickets and paralysis in winter pigs.-L. Stevenson, O. A. College, Guelph.

"THUMPS" IN YOUNG PIGS. Caused By the Round Worm, Ascaris DRS. C. G. AND

Lumbricoides.

The term "Thumps" is used by most farmers to describe a lung disease of pigs. There is a quickened breathing and rapid heart action. Many little pigs become unthrifty and others die as a result of the infestation. It is during the first few weeks of the pigs' life that the round worms do most of their particularly destructive work. Older pigs seem more resistant to the effect of worms. Infestation.

The pens and yards in which the brood sow and her young are kept are frequently well supplied with worm eggs, particularly so if they have been used by pigs for any length of time. The worm eggs lying on the floor or in the yard are picked up by the pigs, either while rooting or nursing. The sow's udder is frequently wet and in contact with the floor, thereby gathering the eggs, if present, on the teats, ready to be passed on to the little pig during the next feeding. How the Worms Cause "Thumps."

Soon after the eggs are swallowed by the young pig they hatch if ripe, and the young worms are liberated apple appears in the same light. can be divided into two groups: ments and then leave a large surplus in the stomach and intestine. These the blood stream, eventually reachreaching that part of the fruit you Snow, McIntosh, Golden Russet and in apples just as in other things, ing the heart and lungs. This takes then you will enjoy your purchase of hatching. Once the worms reach burrow their way into the large air Dundalk P. O. Phone 42 r 4-2. passages. This causes an irritation, with coughing. The coughing brings up mucous and worms, which are swallowed by the pig. The worms pass on to the intestine, where they become attached and remain until they reach maturity. On maturity the females lay millions of eggs, which are passed from the intestine and eventually infest the yards and pens. The presence of the worms in Having sold out the delivery busthe heart and lungs is responsible for

> November, as after that all tickets call "Thumps."

Cleanliness is the keynote in pre- Review Office or with self. Terms vention of ascarid or round worm moderate. Satisfaction guaranteed. infestation. Get the sow and her If you plan a sale, phone 604, ring family out on the green grass away 1-1. from old buildings and pens if possible. If necessary to use pens scrub the floors with hot lye solution and clean up generally. See that the sow is clean outside and in. Arrange for the cleaning of the pen and a supply of clean straw every day. Sunshine and clean ground to range over are great aids to the prevention of "thumps."-L. Stevenson, O. A. College, Guelph.

the disordered breathing and heart

Varieties of Fall Turnips.

There is a limited acreage of fall turnips grown in Ontario each year. Roots of this class usually yield more per acre than the Swede turnips, but they do not keep so late into the winter. Other names for fall turnips are Soft turnips and White Flesh turnips. Two varieties of fall turnips have

been grown under test at the College in each of the past seventeen years, and the following gives the average annual results in tons per acre of tops and of roots for each of the varieties: Red Top White Globe, 4.0 and 26.3, and Cow Horn, 5.7 and 19.7. In 1918, the Red Top White Globe gave 21.2 and the Cow Horn 15.5 tons of roots per acre. In comparison with these in the test of the past year the Sutton's Purple Top Mammoth gave 20.8, the Sutton's Imperial Green Globe, 18.8, and Kelway's Green Globe, 16 tons per scre.

Buttermilk for Chicks. Chicks fed buttermilk until they

are 48 to 72 hours old will give them a better send off than water alone. When the chicks are first placed in the brooder they should be given all the fresh buttermilk they care for. It is better than water because it gives the chicks more strength and allows the digestive system to get in better working order.

The didne Orchard. e orchard should The ideal contains sever tinds of fruit, represented in many cases by a considerable number of varieties ripening one after another over a long period. Large yields, good shipping quality, and attractiveness in appearance all may be made secondary to high dessert quality or special excellence for cooking purposes.

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