pe.—It is understood T Gold Mines will inly a plant with a caousand tons a day to esent plant of in the two hundred tons gether with the fact iving a two-track tunenty-four or twentytwelve hundred foot ect the improving de-

property. N.B.-At the present survey of land being miles from Frederic-A. E. Hanson, a vein een found in that vt. nt of the roal deposit tained until the sur-

Apple exports vis r 1 to 14, were 90probably the highof the apple ship this province.



OF CHINA new President n Fang Shih who rvard and is marn wife. There are s irregularities to

rs and springers, choice, \$10 te \$11.50; do, bucks. om., \$8 to \$8.50; k, smooth, F.W. b., \$8.35 to \$8.50:

56 %c; No. 3 CW, feed, 54c; No. 2 our, Man. spring .30; 2nds, \$5.80 winter pata. Rolled oats, 90in, \$27.25. Shorts, \$36.25. Hay, No. \$15 to \$18

firsts, 35c; secbag, car lots, 95e to \$2.75; com.

.50 to \$3; fairly iter veals, \$9 per mooth and shop

ifice cartier Camp

Ottawa says:ec has communitment of Nationce at Valcartier that camp and proposal is apy will be, Canon h a campaign to the purposa.

graphite have lish East Africa.

haide of Halif \$75,000. The ipated work will the near future.



its chronic form it may be confused pienty of exercise. clinically, and from an economic standpoint it probably ranks second only to roup.

In order properly to understand the The importance of the careful sedisease the following brief description lection of a broad sow cannot be overof the chronic form is given since it emphasized, so says Professor Wade

though the appetite is not especially own litters only, whereas that of the disturbed. At times the appetite is boar is reflected on all litters which even increased and is accompanied by he sires, and while many characteran intense thirst for cold water. The istics are common to both sexes of droppings are thin, contain consider- breeding stock, there are others able yellow slime, and are passed in which are very essential to the ressmall quantities, but at short inter- pective sexes and opposite in nature. vals. After a time other symptoms | Information as to the history of develop. The sick animals become dull the ancestry of a young sow is of conand listless, remain apart from the siderable value. Experience and obrest of the flock—the feathers are ruf- servation go to prove that certain fled and the wings droop, the appetite outstanding qualities are common to is lost and the birds allow themselves strains or families of hogs of differto be easily caught. Impaired organic ent breeds rather than simply breeds functions lead to extreme emaciation themselves. There are good and bad and a fatal termination usually fol- in all our breeds, consequently the lows, when the subject is but a mere prospective purchaser should ascershadow of its former self.

It is not the chronic form, however, that we are primarily interested in the prolificacy of her ancestry, whethat the moment, but with a form so er or not they have been thrifty and acute as to be very misleading. Sud- economic feeders and whether or not denness of onset and great prostration usually lead to the assumption that the birds have consumed poisonous an object lesson from the results ed and ready to receive the greatest cakes may be filled with finely broken It is not artificial or abnormal. So a order that the whole world might material. This belief is further favored, in many instances, by the fact that no previous indication of disease has existed

In so far as we have been able to learn, these attacks are always assoclated with sudden changes in weather conditions. The usual history is to the effect that birds are found in s prostrated condition, comb and wattles suddenly become dark in color, followed by death in one to three days, and this occurs just after a sudden to grow each season a supply of those industry, many of them will harvest 7. The ground below the ice pit wait until all nations simultaneously, glory of God. Why not man, the roof

are able to hold their own against the prices are high and vegetables often the year, the ice crop may be justly 8. The wall around the bottom psi but are unable successfully to carry pense are involved in keeping them PREPARE NOW FOR THE WINTER'S CROP. 9. The ice should be kept well cov-

Accurated diagnosis is the first estains its characteristic flavor. sential and the fact should be kept in Potatoes, beets, carrots, parsnips, mind that one of the most devitalizing winter radishes, turnips, rutabagas, tape worms is so small as to require salsify, kohl-rabi, may be stored as be for the first time planning to har-there is good circulation of air. a microscopical examination to deter- follows: mine its presence.

wards fostering the already waning sand or sandy soil in a cool cellar. Put to store it. Those who have regularly of ice need not give one much concern. nation. The earth yield her increase. strength of the patients rather than in alternate layers of sand and vegeattempting to destroy the parasites. tables. Vegetables stored in this way alterations or repairs to the old ice constructed of a wall consisting of one as a gift of God, but again the psalm-The latter course will usually result will not shrivel. Tops of vegetables storage. In any case it is a good pollayer of boards on each side of 2x4 ist prays for the deeper blessing of the course will usually result.

merely to remove from the intestines lar in bulk, or in outdoor pits, as folthe slime with its accumulated toxic lows: Make excavation six or eight products. Grain feed should be with- inches deep, four feet wide, and as

The storage for the ice need not be used for cooling milk and cream and will gladly supply bulletins and blueheld, the ration consisting entirely of long as necessary. Cover ground with an elaborate and costly one. Ice can keeping it sweet for short periods. will gladly supply bulletins and black the ration consisting entirely of long as necessary. Cover ground with an elaborate and costly one. Ice can keeping it sweet for short periods. easily digested wet mash. Good hy- layer of straw, and place vegetables be kept successfully in various sorts When both milk and cream are cooled giene should be practiced and, where in conical heap of any desired length. of storages:—a large bin made of it is necessary to store 1½ tons per scribing in detail how the harvesting of good cows. Feeding for profit is

regain their normal condition, further some straw is left protruding at the on the shady side of a large building; foods for the table are kept, 2 or 3 yards up to the end of August totalled when that capacity is reached one doses of physic (Epsom salts) may be top of the pile at first, it will provide part of a hay-mow; an old silo; or a tons extra should be stored. administered; one-fourth pound to for the passing off of any heat which more costly and attractive building one hundred birds once a week or may be generated when the vegetables usually called the ice house or cold

THUMPS IN YOUNG PIGS.

The term "thumps" is applied to a straw may be added. spasms affecting the diaphragm or out. midriff which is the muscular partition separating the chest and abdomen and is an important organ of respiration. This spasmodic contraction of A very important factor, says the

fail to recover. trouble of young pigs can be largely farmers, especially in fields containing prevented by allowing them exercise wet pot-holes or water courses, their and avoiding everfeeding. When they first seeding would more nearly corbecome affected they should be made respond as to date with the second to take exercise in a good, large, seeding at the Central Experimental roomy piacet in summer they may be Farm. Inasmuch as the land and the turned out to susture and allowed to seed were uniform, the decrease in

Intestinal parasitism of fowls is To lessen the spasms of the diabrought to attention at this season of phragm from five to ten drops of the year because the most striking laudanum can be given every four or phase of the disease is often seen at five hours. The affected pigs should be kept on a light diet for a few days This disease is vastly more prevand kept hungry so as to encourage alent than tuberculosis, with which in them to roam about more and get

> THE SELECTION OF A BROOD SOW

may precede or follow the acute form. Toole of the O.A.C. It is true that The sick animals become thin, al- the sow's influence is reflected on her tain as much information as he can concerning the type, the quality and economic feeders and whether or not the souls are now taken care of and stored for any sawdust or other material be. We must keep in mind that religion God in history. God revealed his Canadian hog raisers can well take use next winter. The fields are plowwhich the Danish breeders are experpossible benefit from the action of the iencing where all the above informa- winter's frosts. It will not be long iencing where all the above informa-winter's frosts. It will not be long tion is available to the prospective before all vegetation will be dormant 12 inches, should be packed between beautiful picture to our mind. The his time. purchaser. Moreover, every breeding again and once more we will be in the the mass of ice and the walls of the world becomes choral with praise. And saving health among all na-

Storage of Vegetables for Home Use in Winter.

drop in temperature usually preceded vegetables suitable for storage, and to Rv this it would see that they are properly stored for As ice is harvested early in ice.

7. The ground below the ice pit wait until all nations simultaneously, giory or the way not man, the room and in equal measure, begin to do the and crown of things,—all men for that readily carry off the waste from the the right. Others will not fail to man thought he was responsible for the crown of the waste responsible for the crown of the control of the cont on the fight when reduced by adverse by other methods, as canning, drying, It is now none too soon to make ered with dry sawdust all summer

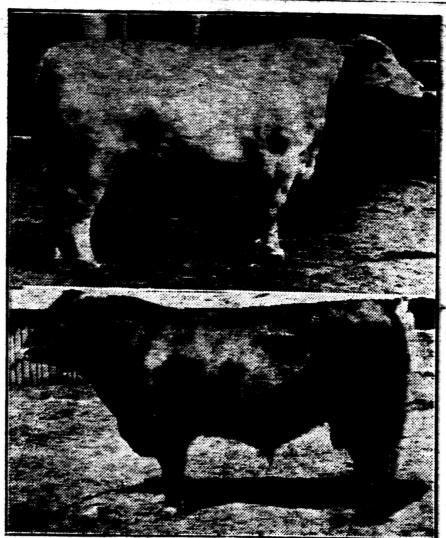
in the death of many birds that other-should be removed, of course, before icy to make the necessary prepara-studs, the space between being left god, and sees the ends of the earth

are first covered. This protection will storage building. suffice except in the most severe weather, when an additional layer of

nervous disorder of young pigs which In removing the vegetables from is characterized by violent jerking the pit after the layer of soil is frozen, movements of the body. The jerking a small hole may be chopped in one movements of the body are caused by side and the vegetables needed taken

Early Seeding Best.

the diaphragm is similar to hiccoughs Dominion Field Husbandman in his in people. The cause of the trouble annual report, in increasing the yield cold, dry day. appears to be due to some disturbance of crops is early seeding. With no adof the nerves which supply the dia- ditional labor or seed, the yield on phragm. In many cases the nervous land planted early in the spring is disturbance is the result of some der- very much larger than on land seeded angement of the digestive system. later. It is obvious, he adds, that this Lack of sufficient exercise and over- increased yield is reflected in larger loading of the stomach are common returns and greater profits. A table causes of Thumps in young pigs. At in the report recording six sowings times there appears to be an inherited shows 53.3 bushels of oats, 38.4 bushtendency to this trouble in the case of els of barley, 17.9 bushels of spring litters from pampered overfed sows. wheat and 30.4 bushels of peas per When pigs become affected with acre, for the first sowing and 59.5 Thumps the trouble is plainly shown bushels of oats, 44.2 bushels of barley, by the thumping, jerking movements 20.5 bushels of spring wheat, and 33.9 of the flanks. The jerkings are some- bushels of peas for the second sowing, times so marked that they move and seven days later. The reduction for sway the body back and forth. The each sowing made later is gradual but attacks are usually more aggravated very decisive. Commenting upon this after feeding when the stomach is full. fact Mr. E. S. Hopkins, the Field Hus-The trouble may only last for a few bandman, points out that while the days in some cases and in others it second date of seeding at Ottawa gave may last for several weeks and some the highest yield in every instance, it must be remembered that this land Prevention and treatment - This was drained and, perhaps, with many range short. Badly affected pigs yield is regarded as due solely to the should be given a dose of caster oil late seeding.



TWO FAMOUS BULLS IN CANADA

The Prince of Wales has inherited a love of farming and goes about maintaining his farms in a scientific way. Above are two famous animals he brought to Canada from one of his English estates, placing them on the may be the larger and wider results cleft of the rock as Johovah passed by E. P. ranch. Above is Fairie Prince, and below Climsland Broadhook, both of God's goodness to his people. He and revealed his glory, the loving

Preparing for the Ice Harvest Next Winter

hog must measure up to a certain grip of the Canadian winter. The standard before that hog is eligible winter season brings considerable rebelow and above the ice.

World becomes choral with praise. The saving neating uniter season brings considerable rebelow and above the ice.

The world becomes choral with praise. The saving neating uniter season brings considerable rebelow and above the ice. laxation for the farmers but yet the 6. The top of the ice storage should get their hates and jealousies in the world, as Lord Robert Cecil puts it, is laxation for the farmers but yet the 6. The top of the ice storage should be provided with good circulation for ordered aright, noble enthusiasms are and hate, and not till these devils are find something more than the chores air in order to prevent accumulation as contagious as are evil thoughts in cast out of mankind shall we have to do. They will be planning for the of warm, stagnant air over the ice. a world not ordered aright. Israel true poise and power. next year's business and, as Ontario This point cannot be emphasized too cannot sing before God without being Let all the people praise thee. The It is to the interest of every family is extensively engaged in the dairy strongly. called the first crop of the year.

and preserving, and the product re- preparations for this winter harvest after each time ice is removed. storing. Do not cut beet tops close. tions early and so have everything in empty. A small dose of physic is indicated, Large Quantities—Store in root cel-

outside roosting places have been used, Cover with twelve to eighteen inches single boards nailed on ordinary studthese should be substituted by regular of straw. On the layer of straw, as ding or cedar posts and located inside onable waste by meltage in the storthe weather gets colder, place a lager some other building, as a shed or age. If a refrigerator is used in the Live Stock Market in August. When by careful handling, the birds of soil four to six inches in depth. If barn; or outside as a simple lean-to house or adjoining the storage where

ditions are fulfilled:

1. That the ice be cut from a body done more efficiently, quicker, more sand less than last year, the total beof clean water and free from weeds economically and under more pleasant ing 169,372 compared with 229,646. month; after coming fresh and then and sediment.

ly and all of a size. The ice should if gone about in a sensible manner, is Stock Branch says, "This falling off is be at least 12 inches thick. end of a threshing machine.



GREAT CHIEF "SUNRISE SEEKER." It is a curious coincident that the annonuncement of the new international reparations policy was made on the day on which Lloyd George reached Washington, and indicates that his crusade for United States cooperation is attaining results.

HARVESTING THE CROP.

The Sunday School Lesso NOVEMBER 4

Some Missionary Teachings of the Praise Pulse 47: 1-9: 67: 1-7; 100: 1-5. Golden Text—Let the people proise thee. Pt. 67: 3

LESSON SETTING-In the 67th Pasim. world. In the 100th Psalm the nations are called upon to the glad service of the Lord. In some way the nations are to be sharers in the blessedness of the theoret days are to be sharers in the blessedness of the pharises who said. "God I thank the control of the pharises who said."

Vs. 1-3. God be merciful to us. The his son. Us, not the heather. O Lord two notes of this Psalm are prayer forgive. upon his soul. The consciousness of for excellence.

God's loving favor seems to the psalmist to be the crown of all blessings. "O 'twas love, 'twas wondrous love, 'that thy way may be known upon the love of God to me,"—the loving earth. The psalmist thinks of what kindness that Moses saw from the turn their thoughts to God and to his the perplexing amazement of being. service. "Thy way" means God's Having begun at home, this prayer a beautiful expression for salvation. all the world.

Vs. 4-7. Thou shalt judge the people of the ice crop, so says Professor R. R. 10. As far as possible the ice stor- themselves to the government of God, righteously. When the nations submit meet. Then he knew that his neigh Graham, Department of Physics, On- age should be out of the direct rays of they will find it as Israel found it, tario Agricultural College. Some may the sun, but yet in a place where just and equitable. And just as song be for the first time planning to har-there is good circulation of air. be for the first time planning to harthere is good circulation of air.

Vest some ice this winter and they will

It is possible to secure most of these of God in dealing with men is the Small Quantities—Store in boxes in all probability need to construct conditions in a very cheap and simple foundation of just dealings between Treatment should be directed to- (or heaps) of slightly moist (not wet) some sort of building or bin in which construction and therefore the storage man and man, and between nation and gathered in the worship of God.

we see God lifted up as king of the nations while Israel, as the chosen for Foreign Missions. Let us appeople of God, occupies a place of preeminence among the nations of the Sidon or Egypt and Babylon, but at

the great day, even if Israel's place in next the throne and drinks first from the cup of joy. These psalms are far from being hymns of hate. The domfrom being hymns of hate. The dominant theme is not Israel's place in the sun, but the world's place in the Church at home which will make us I. THE WORLD JOINS IN ISRAEL'S SONG, selves, and what a wonderful thing God can do for us through the gift o

and thankfulness. It was evidently And bless us. The word "blessing" intended for some temple festival, in the Old Testament is equivalent to such as the Feast of Tabernacles, welfare, moral and spiritual, with the There has been an abundant harvest. accent upon the spiritual. God be The granary is full of wheat and the merciful unto us and make us better heart is full of gratitude. Gratitude men and women. Another thing which is beautiful, and praise is always must happen to the Church at home, comely. But the singer desires more ere the missionary interest shall reach than the blessing of field, store and flood-tide, is that we shall be overbasket. He seeks a blessing from God taken with an over-mastering desire

prays that this goodness of God to kindness we now see as we look out Israel, when seen by the nations, may from the cleft in the rock of ages, unto

dealing in history. Thy saving health; now takes wing and goes forth into

world-wide Christianity will produce know him. In devoutly praying for

overheard of the nations. We cannot earth and sea and sky show forth the respond. This is the faith of the his neighbors, only those whose land touched his II. THE WORLD RULED BY ISRAEL'S GOD, hood a small affair until he was told that he owned his land right down to the centre of the earth, where all lands borhood was the whole earth.

God shall bless us. He will, when we take our Foreign Missions seriously. The light that shines farthest from home shines brightest at home. All the end of the earth shall fear him. Pessimists declare that the world is getting worse, that it never will be any better than it is. That way lies

no hope of progress. This is our faith tremendous Our high hope who shall scorn That in the faith of Jesus

than usual will plan to harvest some

in the corresponding period, last year. the individual cow as well as cows in This crop is not the pleasantest one Receipts of hogs totalled 637,692 head general, and of feeds.

while cattle were but a little up com- reuse of their flesh. Toward the end pared with last year, good steers averpared with last year, good steers averaging at Toronto \$6.90 compared with be fed liberally for they will turn that \$6.87 per hundred in 1922, hogs were off rather more than two dollars per. hundred. Or the other hand calves were up nearly ninety cents, the average for veal calves being \$10.64 compared with \$9.17 last year, and good lambs selling at \$11.75 this year tion to the milk production. Only when against \$9.06 last year and light sheep a cow tends to become over-fat should The farmer's most extravagant ani-

mal is the scrub sire.

around again. When he calls at your a day for every pound of butter-fat home, propose inviting in several of produced a week. If the cow is a big your good neighbors. Then all get in producer cut that proportion of grain the flivver and go to your local banker down slightly. to place the proposition before him.

A great army of boys' and girls' cut down on the grain. club members are now laying out their 4. Do not put too much salt in the campaign for another year's work. food but have a box of rock sait als How much more successful will this ways where the cow can lick it. campaign be if these you folks have 5. Give the cow plents of pu in reserve the fullest support of the water; milk is over the -From the Passing Show, London. "heavy artillery" back home.

The world shall be reborn.

Dairy experts the world over tell us

liberal feeding or feeding to the full capacity of the cow. 457,534 head compared with 430,675 must have a thorough knowledge of

the farmer has to handle, as it is compared with 477,165 head last year.

Usually a pretty cold and wet job. Lots Calves totalled 162,514 compared with dairy cow, when fed all that she will of good company while working at this 172,025 last year, a decrease of up-The style of ice storage really does job is a great help and therefore co- wards of ten thousand. Receipts of above the maintenance ration into not count provided the following con- operative effort should be carried out sheep and lambs during the eight milk. Unfortunately, all cows are not in this line of work. The job can be months were upwards of sixty thou- good dairy cows. Some make all the conditions than by the single-handed Commenting upon the latter fact the start putting on weight. Others do not a size. The ice should if gone about in a sensible manner, is Stock Branch says. "This falling off is fresh. Generally speaking, one cannot afford to give a dairy cow all she will nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the tail-common to all provinces and not justient from the stored on a nearly so bad as standing at the stored on the fied by conditions in any. During 1922 are times, however, when it is best to 4. The cakes should be packed to- It is the hope that more farmers the sheep market was the strongest make exception to this rule. For intrade in the market, and under much the lactation period lose in weight stance, some cows in the early part of heavier supplies than now." Prices the lactation period lose in which heavier supplies than now." the lactation period lose in which heavier supplies than now." The supplies that is, they produce milk at the exextra feed into milk again the next time they are fresh.

Here are a few elementary rules to guide the less experienced:

!. Feed all the roughage a cow will the quantity of roughage be restricted.

2. Feed one pound of grain mixture for every three pounds (or pints) of milk produced a day by the cow. Or, The smooth stock salesman is another rule is—one pound of grain

3. Feed all the cow will respond to and if she starts putting on weight