## HINTS FOR THE FARMER.

WINTER FEED FOR PIGS.

This is the season in which the best mode of feeding swine is an appropriate subject for discussion. It is worth while in this connection to recall the very interesting discussion that took place last February at the convention of the Pure Bred Stock Breeders' Associations at Winnipeg. The point made by F. W. Hodson Dominion Live Stock Commissioner, was that the bacon hog must have a vigorous constitution if we are to make good saleable pork at a profit. For winter feeding, sugar beets are very valuable, bur its feeding value is much greater when we can only get a small quantity. Three pounds a day, or even less, when fed along with other foods, gives very valuable never be lost sight of by farmers. When a large quantity of milk is fed the grain is much smaller in proportion. Potatoes are the only kind of roots that is worth while to cook. Other sorts, apparently, are less valraw. In connection with this point it may be mentioned that Professor Plump, of Indiana, carefully tested the value, of cut mangles, when fed good health. Mrs. Gravel says:along with a mixture of corn and shorts. The lot fed mangles in addition made no greater gain than the others that were fed the same grain feed, without mangles. The mangles might be useful as a variant, but he thinks carrots or beets would show better. On the question of wet or dry feed,

Professor Henry said that when he began his tests, he thought dry feed best, but had since changed his mind to some extent. In a cold climate like this, dry feed would be best. Dr. Thempson said, in a warm pen wet food would be all right, but if the pens were cold, dry feed was to be pr. berredt Chare mi or roots are a great help to winter digestion and Professor Robertson always stored a few loads of grass turf. His brood sows got great good from the turi.

HOW TO BUILD THE WOODPILE.

It costs not far from \$1 for each working hour for a farmer who hires a gang of men with a machine to saw his woodpile. Hence it stands him well in hand to make his arrangements, so that the men and machine may work to the best advantage and the work hurried as rapidly as pos-

Most machines, are designed to saw straight logs; cut 12 ft in length and although long and crooked logs can be sawed, it is at a less of time If the logs are more than 12 ft long, from one to five minutes must be wasted in moving the trucks back after 12 ft have been sawed off. In sawing 100 legs this will amount to from 100 to 500 minutes, and at the rate of 1 2-30 per minute, the loss will amount to quite an item. If the logs are crooked more time is wasted in "jigging" them along to the saw, and besides the saw must be run at a lower rate of speed or there may be danger of breaking it. Generally very crooked logs can be cut cheaper with a crosscut saw than with a machine. Nor is it profitable to have many small logs in the pile.

Logs with a diameter of less than 8 in can be cut much cheaper by other methods than by a drag-saw machine Im all cases have the limbs trimmed off closely. If for any reason it is necessary to leave a large knot on a log, be sure that the large end of that log is nearest to the saw. Throw out all splintered logs and work them! up by hand. If you do not do so, besure that the splantered end is nearest the saw. A machine does its best work with logs that range between 18 to and 2 ft in diameter.

TRAINED MEN.

estates, as teachers and experiment- mouthpiece. ers. The young men who will fit One advantage of the instrument themselves to fill these positions may is the fact that it is possible to throw be leaders if they will. This is one the phonograph action out of play line of employment which has not and use the telephone in the ordinary been oversupplied. I would not be fashion. Attachments are also deunderstood as advocating that an vised by which the use of the transnecessary for success in farming, more successful than in the case of There are hundreds of practical farms the ordinary telephone. ers who prove the contrary. Yet I do Another test recently made in claim that if the successful men could England was over a line five miles have had the advantages of a course in length. The engineer reported of instruction similar to that now that when the conditions were favgiven in our agricultural colleges, orable and articulation good the imtheir success would have been more pression on the cylinder were as easily attained, and they would of had deep as the impression produced by more time for the enjoyment of life. speaking into an ordinary phono-Neither does a college education in graph. Large battery power is, of sure that a man will be successful in course, needed and a reinforcing curagricultural pursuits. The college rent is required at the receiving and can only develop the judgment and registering line. latent qualities possessed by the stu- The practical utility of the tele-

an unusual degree, then it should not be expected withat the college will create these qualities for him. For the young man with average ability, the agricultural college education pays in dollars and cents, it pays from the enjoyment derived from performing intelligently the operations of farm work, it pays in the increased opportunity to do good to our fellow

QUEBEC LADY RELEASED FROM GREAT SUFFERING.

She Had Tried Many Medicines Withou Avail, But Ultimately Found a Cure Through the Use of Dr. Williams' Pink

Few bodily afflictions are more ter rible than disease of the heart. To live in constant dread and expectaresults. The same thing was brought tion of death, sudden and with last out by Professor Grisdale, and should farewells unspoken, is for most people more awful to contemplate than the most serious lingering illness. The slightest excitement brings suffering and danger to such reople.

For several years Mrs. Gravel, wife of P. H. A. Gravel, foreman in Barry's uable when cooked than when fed cigar factory, St. John's suburb, Quebec, was such a sufferer, but thanks to Dr. Williams' Pink Pills she is again in the enjoyment of

"My general health was bad for several years, my appetite was poor, and was easily tired, but it was he frequent sharp pains and violent palpitation of my heart which caused me the greatest alarm. I tried many medicines, and was treated by several doctors, but in vain. Finally I became so porly that I was not able to do any household work, and was frequently confined to my bed. At the suggestion of one of my friends I decided to try Dr Williams' Pink Pills. After taking a few boxes I began to gain new strength and vigor. The pains in my heart were less frequent and less severe, and in every way my health was improving. I continued using the pills until I had taken eight baxes, when I had completely recovered my health. have gained in flesh, my appetite is

good, and I am able to do all my awful fatigue I was before subject to. I am very thankful to Dr. Williams' Pink Pills, for they have truly released me from much suffering, and I hope that others may be induced to try this wonderful medicine!

Dr. Williams' Pink Pills cure by going to the root of the disease. They renew and build up the blood, and while the whole world is searching strengthen the nerves, this driving spect by a proper arrangement of the tations by insisting that every box you purchase is enclosed in a wrapper bearing the full trade mark, Dr. Williams' Pink Pills for Pale People If your dealer does not keep them they will be sent postpaid at 50 cents a box, or six boxes for \$2.50, by addressing the Dr. Williams' Medicine Co., Brockville, Ont.

## THE TELEPHONOGRAPH.

Wonderful instrument Successfully

Tested in London. A new invention, called the tele phonograph, or recording telephone has just been tested in London with excellent result. This test was merely from one room to another in the same building, although the length of wire used represented ; considerable distance. The invention is the work of J. E. O. Kumberg, and its mechanism is exceeding ingenious, though simple, and the result combines the phonograph with the telephone, and takes and records telephone messages by automatic means, giving to a limited extent an answer in the same way.

The message is spoken by the person sending it into the telephone in the usual way, and a phonogram is produced which can be read off at leisure. If it be desired, the instrument may be so arranged that two wax cylinders or phonogram, may be inscribed; the one being retained in The demand for trained men in agri- one reproduced exactly in the office of the office of the sender and the other ture is increasing each year, writes the receiver. To effect this end the in every community as managers of channels or tubes for the waves of the home farm, as superimtendents of sound produced by speaking into the

agricultural college education is mitter by unskilled persons is made

dant. If a roung man is deficient to phonograph promises to be great in gether.

JAPAN TEA DRINKERS!

"SALADA," Toronto.

business use. It will be extremely useful in business or professional offices where the clerical force is small. For instance, if the office is temporarily left without an attendant, the phonograph can be so set as to reply with the message that the proprietor is out and also to state the time of his return. The instrument is fitted with a telephonograph which will automatically take down a message, in case the caller is unable to await that return. The arrangement of the mechanism is soperfect that a series of messages aggregating 15,000 words may be taken in this way.

## GOLD HOARDED BY MISERS.

Millions in Yellow Coin Disappear nually From Circulation.

The world is full of millions and millions of long-lost sovereigns. competent authority has just completed some investigations which, he declares, show that in three years the Bamk of England has lost trace of no fewer than 20,000,000 golden coins of the realm. This wholesale disappearance of the clusive sovereign has been going on for years. A river of goldhas flowed unceasingly from Threadneedle street to all parts of the world. but it has come back only as a tiny yellow streamlet. What has become

of the surplus in its wanderings! "Misers" is the unpoetical explanation for a great part of this disappearance. There still exist in England unbusinesslike enough to hoard up those lovely Christmas cigars. gold and keep it lying idle by them for the sole pleasure of knowing it is there and occasionally counting it. 'The people of India appear to be

particularly addicted to a habit that broke two of my front teeth. is more reminiscent of medieval times than of an age when money is gen- happen? hearsehold work without feeling the erally saved so that more can be bay it is estimated that 12,000,000 on them. golden sovereigns are hoarded. If that is the record of Bombay alone what is the full tale for the whole country? China, too, absorbs a vast amount of gold that never sees the light again. As a matter of fact, for and trying to acquire gold, a goodly part of it appears to be engaged in the less thrilling pastime of hiding it away.

> Great Britain is not guiltless of this commercial sin. Dotted all over the kingdom are graveyards of gold which if discovered and opened might restore to circulation a vast amount of wealth at present absolutely useless. At a spot about two miles from Herefordshire Beacon a treasure chest is recorded in the local history as having been buried by a great family once resident in the district. But the money cannot be found, There is a similar record in connection with Hulme Castle, formerly a sent of a branch of the Prestwich family. Somewhere mear Stokesey Castle, Shropshire, there is believed to be hidden a great oaken chest filled with gold coins, but up to the present all efforts to find it have ended im failure.

SHE HAD TO BE. You, are verhose, he said, by way of criticism.

Unfortunately, she said, I have to Naturally he was curious.

One must live up to one's reputa tion, she explained, and you know the reputation of my sex. It is very trying to have a record to maintain.

## CURIOUS STOVES.

The stoves of the Bolivian Indians are curious things. A hole is dug in the ground about 18 inches deep-and a foot square, and over this is built roof of clay, with holes of different; sizes to receive the various lady. 'Cause there wasn't any passed through the holes, so that the meat comes out very much smoked unless great care is taken to have only live coals at the bottom of the oven.

## HER PROPOSALS.

Clara-I accepted a lot of proposals

last summer. Louise-What! More than one? Clara-Certainly. Laccepted every time a young man proposed that we have a glass of soda water or a dish of ice gream.

## MEMORY.

Husband, angrily-Don't forget. madam, that you are my wife. Wife-Oh, never fear. There are some things one can't forget.

Idianess travels very leisurely, and poverty will soon overtake her. What a time they'll have when they get toUNQUESTIONABLY AN IMPOSTER. That man, he said with decision, when the caller had departed, is an

imposter. Why do you say that t demanded his wife and daughter in unison. He claims to be a bachelor, he explained, and yet when we retired to the library to smoke he admitted to me that he did not thoroughly understand women. I tell you, he has had some matrimonial experience, whether he's married now or not.

## MIXED SUPPLIES.

In a little village between Monte Carlo and Nice, there is a board outside a shop announcing; Trish Whisky, Laid Eggs, English Spoken.' In Upper Norwood, there is a shop whose window is filled with shabby garments, for both sexes and basket of eggs. A card hanging in the window rums; Second Hand Clothing and Strictly Fresh Eggs.

HIS GRASPING DISPOSITION They say, remarked the mother, thoughtfully, referring to the young man who had called the previous evening, that he is of a grasping disposi-

Well I should, say he was! claimed the small boy. Willie! cautioned his sister, but it

vas too late. You just ought to have seen way he grasped fou when she said she'd marry him, persisted the young-

## SEEMS TOO BAD.

Of course I shouldn't want to stand n the way of anything that you feel ike doing in the way of New Year's reformation, she said. But it does seem too bad-

What seems too bad, my dear? asker her husband."

That you should feel obliged to stop and other countries people who are smoking just after I have given you

## DREADFUL ACCIDENT.

Ethel-Oh, Emily, I had such dreadful accident the other day. Emily-How painful. How die

Ethel thoughtlessly + They fell off made with it. In the regency of Bom- the sideboard, and I accidentally trod

> scendant of the Macdonalds massacred amidships, under the saloon. Few of at Glencoe passed a knife, "with the the passengers know of its existence, I LE CURE blade foremost," to a member of a or the valuable treasure that is earfamous old family bearing the historic ried across the ocean with them. Most of those who looked on stigma- ent ships, but is usually about 16 feet tized the action as one of contemptibly long, by ten feet wide, and eight feet bad breeding. But one or two under high. It is constructed of steel plates stood the significance and knew that one-quarter of an inch thick, and the betrayal is still unforgiven.

## NO LACK OF PARSONS.

A Scotch divine took one of his parishioners to task for his non-attendance at kirk; the man said:

I dinna like lang sermons. parson, with some wrath, replied: John, ye'll dee, and go to a ple where ye'll not have the privilege hearing long or short sermons. That may be, said John, but winna be for lack of parsons.

THE COMMERCIAL INSTINCT. Mamma-Tommy, do stop noise. If you'll only be good I'll

give your a penny. Tommy-No; I want a nickel. Why, you little rascal, you

quite satisfied to be good yesterday for a penny. I know, but that was a bargain day,

## VALUE OF MUSIC.

Mrs. Maternal am sorry you are going back to Germany. Had I not better get another music teacher for my daughter?

Prof. Von Note-Id ees nod neces sary. She knows enough museck to get married on.

THERE WAS NO MONKEY. Little Edith had been to church the first time, and on her return her grandma asked her how she liked ii. I don't like the organ very well, was the reply Why not! asked the old monkey with ir, answered Edith.

## SOCIALISTIC EXPERIMENT, BY

The caty of Berne, Switzerland, making the socialistic experiment of building free-or practically free- He-I don't, dear, I was only

# SPLEND TOORD CEYLON TEA

Has marvellously increased in popularity during the tak you, wit is now a household increasity

A DIPLOMATIC WOMAN.

matic women in London is Mmc. Kato the wife of the Japanese minister. Japan may well be proud of her and description of making a duning Europe finds her as European as if she Take tome hole and pour blanch had been brought up in Paris. The iron rapind it!"
Japanese are the Parisians of the east it may be added. M. and Mine. Kato have now been in England in various the day pointer for their chairs in the least of the capacities for sonic dozen years. When they first came Mme. Kato did not know a word of Engl. h. She not know a word of Engl.:h. She set to work to learn it and became a fluent speaker of it in a year.

## THE ONLY EXCEPTION. Everything which is done has been

Oh, no; when a min has just been lone you can't do him over again.

# KIDNEY

The room varies slightly on differstrongly riveted together. The floor, the ceiling, and the walls are all of steel plates. There is a heavy door also made of steel. It is provided with two English "Chub" locks, a variety of combination locks that is said to

The gold and silver is usually in bars but occasionally a quantity of coin in bags is shipped. The Majestic is credited with carrying the largest quintity, her strong box having \$4,500,-000 intrusted to it for saf-keeping.

## \$100 Reward, \$100.

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages and that is Catarry. Hall's Catarry stagos and that is Cat. Th. Hall's Catarth Cure is the only positive ture now known to the medical fraternity. Charth being a constitutional disease, r quires a constitutional disease, r quires a constitutional treatment. Hall's Catarth Cure is tak ninternally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprieto s have so much faith in its curative powers, that they offer one Hundred Dollars for any case that it fails to cure. Send for list of test monials.

F. J. CHENRY & CO., Toledo O. Hall's Family Pills are the best

sincerity when I assure you that I love you?

Good housekeepers say that Blue Ribbon Ceylon Freen Jea besides being the best is by far the most economical.

Land Packets, 25. 30, 40, 80, 604

A depitist advertises that

pare no pains in extracti

pie's mars. Surprising comon

The following is an Irishner

POR OVER FIFTY YEARS

A man having died from gluttom

the verdet of the jers was: Did

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MONTHER HOLEL . II CTOCY.

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The "Balmerai," Free dus att.

AVENUE HOUSE ME COME AND

CARBOLIC

Fir all skin ailments.

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wson Commission Co Linited

Colbory a mid West Market St. Care. The

A MILLS, Artis & HALES
Roun Value Wester Terrate
Resulted to Water Terrate

In out, up to cate reliable systems taken in the sus-ing a garment of Torms in circute. Write for Parite

Catholic Prayer Book in entire from

Hel stone Pictures, ottomas, and his outer Educational Works, Management and Montreal

THE MOST NUTRITIOUS.

RIOFING and Shoet Motal Works
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Roof Green SLATE BLACK HOARDA (We off)
Public and Hink Schools, foront | Roofing Feb. Inch.
Old Tar, etc. Melpirine Till (See New City 1988)
Interest of the Company of the Company

Debentures.

f one, two, three, four or fire

ears, Coupons are attached

or interest from the date on

which the money is received at

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INVESTIBATION SOLICITED.

The Carrica Permanent & Wes. 6"

able half yearly.

HER

Califort & Co., Manon-ster, England

write "suffocition."

win or by

CONVICES

One of the most charming of diplo-

of Dodd's Kidney Pills are porked. legion. The box is imitated, the outside coating and shape of the pills are imitated and the name-Dodd's Kidney Pills is imitated. Imitations are CALVERT'S dangerous The original is safe. Dodd's Kidney Pills have a reputation. Imitators have none or they wouldn't imitate. So they trade on the reputation of Dodd's Kidney Pills. Do not be deceived. There is only one DODD'S. Dodd's is the original. Dodd's is the name to be care

SPECIES ROOMS OF AN OCEAN STEAMSHIP.

In these days of heavy gold shipments the specie room on the steam-LOOKED LIKE BAD BREEDING. ship is a very important institution. At a recent banquet in Sydney a de- It is located in an out-of-the-way place

> TORONTO BUTTING SCHOOL "3 be burglar-proof.

## Tale signature is on every box of the genuine Laxative Bromo-Quining Tablete the remody that cures a cold in one day

A minister, putting his hand upon young urchim's shoulder, exclaimed; "My son, I believe the devil has got hold of you." "I believe so, too," was the reply.

NO DOUBTER. She-Why should you doubt my

wondering how long it would last.

Canada Mortgage Corporation. Cill ces : Toronto St., Toronto. ONE POUND CAKES"

# THE POWER

## China Would No Hundre

A despatch from Pokin sads and is considerable talk about the of the indemnity to do d o, the allies; and about Willia to pay it. While it i, imples to this time to state amount ount of damages dir " ? ! the Box's uprising. With the erally mentioned as 1.

The national inder.n.r. wild swell the bill. The sail the movement of troves six the biggest of all, it is that her bill will be from to £16,000,000. Easter. a man who ought to keep next with a claim, of the 000. France has not be to and Italy only appropriate

francs. Russia's action in war the concert of the part of an agreement with Cash trealy at St. Peter baff that that Governmen included in the makes of

## HELPING THE DK

The Cape Dutch Disas

A despatch from -The mounted inf Town occupied ', I' without opposition invaders could risief. eyelist corps has areas liam. No Books were of these districts.

The docks are guard ets and marin. ' t n diers are taking the inject ing the Boer pris nervo. Beers eccupying Car advancing in the es William, and Occasion occupied by seasoned. are gathering at -The tranquil Durch prove of the reil inches borses to the British

A despatch from St ports that according to a from Tokio at the diseas. the famine, dise see out ,

ery in certain parts as Province of Pechili es instead of before Tree! erous, and are still some siderable quantity .: foodstuffs, to the buffer of charity is insufficient. Thousands of ranged perinto Pekin, dem unitaring. They have been to tically destitute by the say. winter. The hospitals are ed, and even privyte store ! of sick paupers. The Chan ities are heartiess, and and German forces and i the suffering they .... Athough it is feparting sums forwarded by him

mulhorities, to whom they trusted for distribution. Eighty thousand poun !. a quantity of clother have post haste from Tokio to relief work.

and German courts for oh

poses have been stelen i.,

## COMMANDEERING HO

There Will be No More Co-Boers to Loo! A despatch from Cap T -Heres and vehicles av

mandeered for the use of the Desence Corps in the tel which martial law has been jet It is understood that den ener has decided to egrence bowns outside the lines of com-

cantson. Thus there will be woys for the Boers to cap are bot, his idea being to preven: burghers from replenishing supplies at the expense of the c tish taxpayers. All districts at cannot be adequately protected inpatrolled will be denuded, what; in lines of communication will of moofficiently guarded.

# MOUNTED TROOPS SAIL

Nvo Hundred British Reinforce ments Leave Gibraltar A despatch from Gibraltar, says Five hundred mounted British inference left here for the Cape on Thursd They arrived from Malta on board the trocpship Rat zog, and were reshipped by the Rawardon Castle.