BIG LOSS IN GRANARIES

Bad Weather and Mice Destroy

Much Grain.

ething

M

G

T.

I

llege celled im

M.S

NCOLIN

ered" or

r years

ator

ARIO

PEED

REEF

ands

lands

rer of

list.

n the

13th,

fault

s set

day the said

at to

the

nent:

914,

uly,

tom.

lead

ED

KS

Utilizing all the Heat

Any furnace will burn fuel, extract the heat from it. But only a properly built and installed furnace will utilize all the heat to warm your home.

McClary's Sunshine Furnace installed the McClary way is guaranteed to warm your home-every room in it.

For Sale by T. DODDS & SON

McClary's Sunshine Furnace

London Toronto St. John, N.B. Calgary

Winnipeg Edmonton

House Furnishings

MASON & RISCH PIANOS,

STRING INSTRUMENTS, MUSIC BOOKS,

SHEET MUSIC. RECORDS

Our aim is to keep the latest and most popular goods in our line, and carry the FINEST ASSORTMENT of al inesof FURNITURE for

Parlor, Dining Room, Bedroom, Library or Kitchen.

Comfort, Elegance, Durability and Value are features that our goods are noted for

No Big Profits to Pay Here

Our prices are as low as consistent with reliable goods. Let us show you the new patterns.

VICTOR **VICTROLAS** SEWING **MACHINES**

REPAIRS FOR STRING INSTRUMENTS

> THE NEW CURTAIN STRETCHER

HARPER BROS.

PHONE 31.

FINE FURNITURE

FUNERAL DIRECTORS

TRENOUTH

FLour, Oatmeal, Cornmeal, Wheat Kernells, Flaked Wheat and Barley, All Kinds of Feed, Grain, Seeds and Poultry Food.

We Carry a Full Stock of

INTERNATIONAL STOCK FOOD FOR HORSES, CATTLE, SHEEP, HOGS AND POULTRY.

CALDWELL'S MOLASSES MEAL AND THREE DIFFERENT MAKES OF CELEBRATED CALF MEAL

ALL KINDS OF GRAIN TAKEN IN EXCHANGE Chapping and Rolling Done While You Wait

CRAND TRUNK SOUTH

TIME TABLE

Trains leave Watford Station as follows: GOING WEST Accommodation, 75....8 44 a.m.
Chicago Express.13..... 1 16 p.m.
Accommodation, 6 44 p.m.

GOING EAST Accommodation, 80..... 7 32 a.m. New York Express, 6....11 16 a.m. New York Express, 18....2 52 p.m. Accommodation, 172... 5 16 p.m. C. Vail Agent Watford

COMPLIMENTARY addresses are charged for at five cents a line. Minimum 50c. The report of the proceedings is mews and is not charged for.

Fall Term from Sept. 3rd O CENTRAL

Yusiness College. TRATFORD. ONT. The call for trained help is greater now than ever before in the history of

Canada. Our graduates are securing splendid positions. We have Commercial Shorthand and

Telegraphy Departments. If you purpose taking a business college course during fall or winter months, write now for our free cata-

W. J. Elliott. President.

D. A. McLachlan, Principal.

Concrete Structures Best - How to Make Old Granary Fficient-Flush Ewes to Increase 1919 Lamb Crop - Great Shortage of Fall Wheat Seed.

(Contributed by Ontario Department of Agriculture, Toronto.)

TO hard and fast rules can be laid down for the erection of a convenient and efficient granary. Each problem requires a knowledge of local conditions and requirements. Granaries, in the majority of cases, are built in enclosures on the barn floor, and constructed with too little regard for strength, durability and convenience. These structures should be located immediately over the feed room, each bin having a chute with a controlling slide, or a canvas distributor to convey the grain to the hopper of the grinder; or if the grain is intended for market, to a sack placed on the scales below the chute ready to receive it. To facilitate emptying the grain, the floor of the bins should be sloping.

The important consideration in the construction of granaries and bins for loose grain is to be sure that the structure is designed with sufficient structure is designed with sufficient strength to prevent bulging of the sides and springing of the floor, for grain, owing to its enormous outward thrust, corresponding somewhat to that of water, has a tendency to burst the sides unless well braced or supported. Timber construction requires frequent reneists to struction requires frequent repairs to prevent decay and general deprecia-tion from use. It is always liable to climate conditions. The boards will crack and shrink in the summer when crack and shrink in the summer when the bins may be empty, and when the new grain is dumped into the bins an enormous quantity promptly disappears into the cracks and crevices and through mice holes, entalling considerable loss to the farmer, to the consumer and to the nation. Thousands of bushels of grain are, in this way, annually lost to the producers through sheer indifference to the condition of the granary. Yet this preventable waste may be easily this preventable waste may be

this preventable waste may be easily remedied and made secure by lining the bins with sheet metal.

The watchword is "Conservation." Every grain is needed to feed the Empire and its Allies. It is, therefore, highly desirable at this time to bend every effort to eliminate all possible leakages and conserve our grain for the need of the Allied nations. While there is an annual depreciation on a timber structure varying from 4 to 8%, concrete construction grows better as it grows old; hence concrete properly refinforced, is the ideal material for granaries, because it is both dampgranaries, because it is both damp-proof and rat-proof, two very essenproof and rat-proof, two very essential factors in the construction of granaries.

Concrete properly made to suit existing conditions, is absolutely im-pervious to moisture, and can be kept as dry as any structure of wood ever built. The experience of many farmers is that grain, mature enough to be placed in storage, will not spoil on contact with concrete, nor will corn mold, provided there is good ventilation and the roof is tight. ventilation and the roof is tight. To get rid of rats and mice destroy their nesting place and to this end con-crete is pre-eminently the best ma-terial and is recommended for all farm structures.

Under average present day conditions a reinforced concrete granary may represent an additional outlay may represent an additional outlay of about 25% over that required to construct of timber, but the high efficiency distinctive of concrete quick-ly offsets this increased initial cost. Concrete construction has many in short, important advantages. The contents are safe from the depredations of rodents, is damp-proof, requires pattern and the contents are safe from the depredations of rodents, is damp-proof, requires pattern and the contents are safe from the depredations of rodents. quires neither paint nor repairs, is freproof, the grain is perfectly pre-served under all conditions of clima-tic and temperature, and the resulting structure is practically everlasting. — Prof. John Evans, Ontario Agricultural College, Guelph.

Care of Ewes After Weaning.

In order to avoid udder trouble it is necessary to keep a close watch of the ewes for a few days after they are separated from the lambs. Not a few cases of defective udders can be traced to the want of a little care in this respect. Milk out just enough to keep the udder soft the day after the lambs have been weaned. After two days' time they are again milked out. Some ewes do not need any more attention after the second milking. Such ewes may be marked to indicate that they are dry. Three more days should elapse before the next milking is done and this method followed until it is certain the entire flock is safe. In conjunction with the method outlined above the ewes should be separated some distance from the lambs, and be on scant pastures until all are perfectly dry. This is a good time to be on scant pastures until an are per-fectly dry. This is a good time to go over the flock and cull out all un-desirable members. Non-producers and those with broken mouths and poor udders should not be retained. A good deal of the success of the subsequent lamb crop will depend subsequent lamb crop will depend

upon the treatment the ewes receive from time of weaning until after they, are bred. They should have good pastures and be given an opportunity of putting on fiesh. This is what is commonly called "flushing." Nothing commonly called "flushing." Nothing is better for this purpose than rape pasture. It is usually from six weeks to two months from date of sowing the ready for pasture. If to two months from date of sowing that rape is ready for pasture. If rape pasture is not available new seeding or second crop of clover will serve fairly well. Stock should not be turned on rape or fresh clover for the first time when the leaves are wet from rain or even dew, in order to avoid trouble from bloating.—

J. P. Sackville, B.S.A., Ontario Agricultural College, Guelph. cultural College, Guelph.

Just a Note of Warning

Many boarding-house keepers and others engaged in the restaurant business in a small way, particularly in the smaller towns and villages, have not yet taken out licenses as they are required to do by the Canada Food Board. These parties are therefore liable to the penalty required by the regulations. It must be borne in mind that a public eating place subject to license is, according to Food Board Order No 46, "Any place whatsoever where meals to the number of fifteen or more per day are served or sold to others than members of the family or household of the proprietor or caterer." Persons supplying meals to the number as stated must obtain licenses, otherwise they are liable to fine or imprisonment, or both.

MEN WHO ENLISTED IN 149 BATT, AT WATFORD

Lieut. W. H. Smyth, Headquarter

Lieut. W. H. Smyth, Headquart Ottawa. Lieut. R. D. Swift, Scout Officer. Sergt. W. D. Lamb Sergt. M. W. Davies Sergt. S. H. Hawkins Sergt. E. A. Dodds Sergt. W. C. McKinnon Sergt. Geo. Gibbs Sergt. H. Murphy Sergt. C. F. Roche Corp. W. M. Bruce Corp. J. C. Anderson

Corp. W. M. Bruce
Corp. J. C. Anderson
Corp. J. Menzies
Corp. S. E. Dodds
Corp. H. Cooper
Corp. C. Skillen
Corp. C. E. Sisson.
L. Corp. A. I. Small
B. Q. S.—B. C. Culley
C. Q. S.—C. McCormick
Pter Frank Wiley.

Pte. Frank Wiley. Pte. A. Banks Pte. F. Collins Pte. A. Dempsey Pte. I. R. Garrett Pte. H. Jamieson Pte. G. Lawrence

Pte. R. J. Lawrence Pte. C. F. Lang Pte. W. C. Pearce Pte. T. E. Stilwell Pte. A. H. Lewis, Band Pte. G. A. Parker Pte. A. W. Stilwe

Pte. W. J. Saunders Pte. Bert Saunders Pte. A. Armond Pte. W. C. Aylesworth, Band Pte. R. Clark, Bugler

Pte. S. L. McClung Pte. J. McClung Pte. C. Atchison
Pte. H. J. McFeley
Pte. H. B. Hubbard
Pte. G. Young
Pte. D. Bennett

Pte. F. J. Russell Pte. E. Mayes C. Haskett S. Graham Pte. W. Palmer Pte. H. Thomas Pte. F. T'omas Pte. B. Trenouth Pte. E. A. Shaunessy Pte. W. Zavitz Pte. W. J. Sayers Pte. Lot Nicholls Pte. John Lamb Pte. Eston Fowler

Pte. E. Cooper.
Pte. F. A. Conne ly,
Pte. F. Whitman.
Pte. Edgar Oke.
Pte. White. Pte. McGarrity. Pte. Wilson.
Pte. Richard Watson, Can. Engineer
Pte. L. H. Aylesworth, Band.

Made the Supreme Sacrifice

WATFORD AND VICINITY Lt.-Col. R. G. Kelly Capt. Thos. L. Swift Sergt.-Major L. G. Newell Pte. Alfred Woodward Pte. Percy Mitchell Pte. R. Whalton Pte. Thos. Lamb Pte. J. Ward Pte. Sid Brown Pte. Sid Brown
Pte. Gordon Patterson
Pte. F. Wakelin, D. C. M.
Pte. T. Wakelin
Pte. G. M. Fcuntain
Pte. H. Holmes
Pte. C. Stillwell
Pte. Macklin Hagle
Sergt. Clayton O. Fuller Sergt. Clayton O. Fuller. Gunner Russell Howard Trenouth. Pte. Nichol McLachlan. Corp. Clarence L. Gibson Signaller Roy E. Acton. Bandsman A. I. Small

The cheapness of Mother Graves' Worm exterminator puts it within reach of all, and it can be got at any drug-

WOMEN ARE NEEDED

TO HELP IN WAR

Women can be usefully employed in nursing the wounded, in making up the soldiers' kits, and a thousand other ways. Many Canadian women are weak, pall or anemic from woman's ills. For young girls just entering womanhood; for women at the critical time; nursing mothers and every woman who is "run-down," tired or over-worked-Doctor Pierce's Favorite Prescription is a special, safe and certain help. It can now be had in tablet form, procurable at any good drug store, or send Dr. Pierce, Invalids' Hotel and Surgical Institute. Buffalo, N. Y., 10 cents for trial package. Branch office, Bridgeburg, Ont.



St. Catharines, Ont.—"I have taken Dr. Pierce's Favorite Prescription during expectancy when I felt especi-ally in need of a tonic and it bene-fited me greatly. I always take pleasure in recommend-ing 'Prescription' to young mothers, because I know it help them."—Mrs. J. H. FAWCETT, & Beach St.

Stratford, Ont .- "I do think Dr. Stratford, Ont.—"I do think Dr. Pierce's Favorite Prescription one of the ailments of women. I had for quite a long time been all run-down, weak and nervous. I doctored, but nothing seemed to give me relief until I began taking 'Favorite Prescription.' This medicine gave me such wonderful relief that I am glad to recommend it to others."—Mrs. A. GODWIN, 60 Brant St.

张张张 张 张 张 张 NOTICE

HOW ARE YOU GOING TO HEAT YOUR HOUSE NEXT WINTER

> HOT WATER OR

HOT AIR?

If you are going to—PUT IN THAT BATH ROOM - this summer, don't fail to get our

HEADQUARTERS FOR Pumps, Cylinders, Sinks, Pipe and Fittings, Eavetroughing, and Repairing of all kinds. No job too big and no job

too small. Prices Right. All Work Guaranteed

C. H. BUTLER WATFORD

INSURANCE

J. H. HUME.

AGENT FOR FIRE, ACCIDENT AND SICK BENEVIT COMPANIES. REPRESENTING

Five Old and Reliable Fire Insurance Companies If you want your property insured call on J. H. HUME and get his cates.

-ALSO AGEN FOR-P. R. Telegraph and Canada Permanent Loan and Saving Co.

licket Agent For C. P. R.-Ticket to all points in Manitoba, Northwess and British Columbia

THE LAMBTON Farmers' Mutual Fire Insur-

ance Company. (Established 'in

JOHN W. KINGSTON JAMES SMITH VIC ALBERT G. MINIELLY THOMAS LITHGOW GUILFORD BUTLER VICE-PRESIDENT LY DIRECTOR JOHN PETER MCVICAR JOHN COWAN K. C. JOHN COWAN K. C. SOLICITOR J. F. ELLIOT ROBERT J. WHITE ALEX. JAMIESON D. J. MCEWEN AUDITORS WATCH. SEC.-TREASURER PETER MCPHEDRAN, Wanstead P. O. Agent for Warriok and Plymptes and Plymp

Agent for Warwick and Plympton.

No man or women should hobble painfully about because of corns when so certain a relief is at hand as Holloway's Corn Cure.