during recent heavy rain-storms? storms? If such was the was the wait for another like performance, t once and secure the atity of our Stop-swill seal up all the te the roof absolutely rater. Put up in recent cent heavy in the store of the

does our
ITTLE Queen City
Ready Mires
LONG Paint,
specially
rior use on fence,
oridges and outbuildnteed to wear for five
are light drap grows

Entirely New

off torch for plum! ers, painters and

same as cut, used for burning off old paint, brazing and soldering, burns steadily for % of an hour; no pumping required; safe price for Saturday is Forty-eight.

Trimming Knives

36 only Paper-hangers' wall paper trimming knives, in assort-ment of patterns, have tool steel ar values range up to you can make your

s condition by siling your home, store, faccouse with our DustAsbolutely prevents rom traffic or sweepbor, health, and prebor. Priced per single or in five-gallon loss

Money on Ques.

nd Eighty-nine Cents

low prices 17c 32 short ... 800 25c 32 long ... 35c 20c 32 shot ... 30c 20c 38 short ... 20c 30c 38 long ... 20c

> 12 only Revolvers, the well-known smith &

Wesson pattern, automatic eject-

or. as illustrated, 32 calibrated fire splendidly insisted weapon; aturday we make

Eley's Loaded Shells

10,000 12 gauge

MONEY

olver Bargain.

DGES

eight Cents.

~~~~ NOTHING dust-

condition by

fty Cents.

# FARMINGANDLIVESTOCK

## FARMLEAVING SYSTEM STATE RESPONSIBILITY

Many Ontario Farms Are Suffering Loss of Fertility and Accretions of Weed-Pests by Reason of the Poor System of Renting Land in Vogue -A New York State Case.

should be. He knows of old England's tenanted estates, where the fertility of the land is maintained and a big rental is paid. Usually it is a question of the man. Too many tenants are useless farmers. Too many landfords are exacting absentees. A proper readjustment of ideas would make matters much better. What Ontario craves is men—what her farms are producing levit by mon first lest and all the

size from 150 to 700 acres.

On the Wadsworth Farms.

Land is valued at about \$80 per acre in the valley. Each farm, fully equipped with buildings, is leased annually. Among the 70 tenants are men who have been on the estate for 50 years, and many for 25 years. Several nationalities are represented, Scotch, English and North of Ireland farmers being in the majority. Under the Wadsworth lease good farmers are retained and the other kind eliminated. It works automatically. Every year there is a long list of names from which to select new tenants, but only a few are needed, as when once a ferse has a surgety; that is the lease the signature of a responsible person who stands as his backer. Both are responsible to the lessor. A bill of rent is at hand which covers the "Forbes farm." John Smith is the lessee. M. M. Campbell is his surety. The farm 300 bushels of wheat. Fifty acres is seeded to wheat and 6 bushels per acre charged. Under cash rent 8 acres, sown to spring crops, is paid for at the rate of \$2.50 per acre or \$2.0. Fifty amounts to \$125; nine acres of meadow, \$27; 26 acres of stubble, \$52; 24 1-4 acres which to select new tenants, but only a few are needed, as when once a man who knows how to farm takes hold of one of these homesteads he finds it profitable enough to satisfy him. He sticks. In a few cases sons have, succeeded fathers as lessees.

With each lease there is filed a map of the farm showing its boundaries, the number and size of its fields and the location of the buildings. Each field is numbered. So thoroly systematized is the clerical work which the farms require that the performance record of each field can be quickly ascertained for any year. The landlord dictates the rotation of crops. Wheat and beans are the principal

#### FERTILIZERS.

The Functions of the Artificial Fer-tilizers in the Soil.

It may be taken for granted that every farmer knows that the essential as plant food, to restore those extracted by the crop, are nitrogen, phost-tracted by the crop are nitrogen, phost-trac ingredients to be replaced in the soil

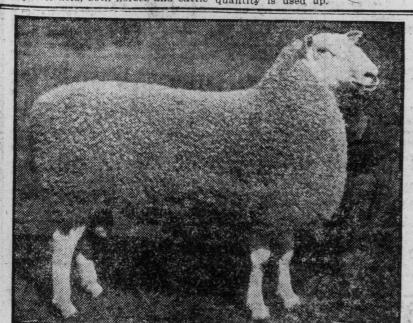
generally adopted in this country.

The part which each of these ingredients fulfils in the organism of plants dients fulfils in the organism of plants and the interdependence of one ingredient with another are not exactly known and the object of continued known and the object of

remain small in stature and feeble Their bones are so, weak and brittle that they possess no resisting power, and have been known to break from a mere blow. In such districts the liberal use of basic slag and superphosphate will gradually make an enormous change.

phoric acid, lime and potash, or ammonia, phosphate of lime, and potash according to the nomenclature ash according to the nomenclature pensable for the formation of new or-

investigation, but generally speaking soil potash soluble, etc. It is also util-the following functions are attributed ized to a small extent by the plant as



FIRST PRIZE SHEARLING LEICESTER RAM AT ROYAL.

Ontario has many farms, varying in number in the different counties, that are operated by tenants. The owners have reverted or the farms have reverted to heirs who cannot cultivate the cleant it is per acre as his share, the counties who cannot cultivate the different counties, that are operated by tenants. The owners have reverted to heirs who cannot cultivate the different counties, the counties are operated by tenants. The owners have reverted to heirs who cannot cultivate the different counties, the counties are operated by the owners from the t enant. Once a bad tenant on a second ding returns from that farm are greatly reduced. The rent has to be paid and the new tenant who takes charge is generally one, whose methods of agriculture are quessionable. His one aim is to take of enough to pay the rent and of clusterior of a disploid tool hurt by the presence of a disploi

be kept in repair except where new less farmers. Too many tenants are useless farmers. Too many landfords are exacting absentees. A proper readjustment of ideas would make matters much bester. What Ontario craves is men—what her farms are producing should be men, first, last and all the fine.

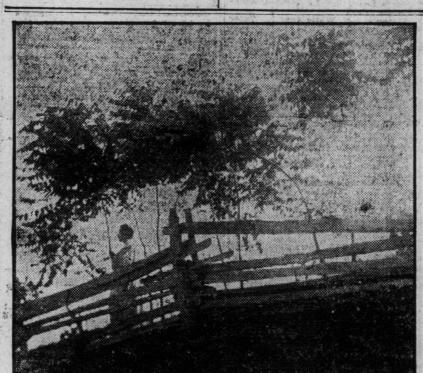
The customary farm lease in Ontario is a poor affair indeed. It practically sefugards the landlord his rental and the tenant his repairs, and it entenant his repairs, and it tenant his repairs, and it entenant his repairs, and it tenant his repairs and orchards are to be kept in proper repairs and orchards are to be paid for. Fences and gare to be paid for. Fences and gare to be paid for. Fences and gare to be province over roads system, but has also acknow-ledged the duty of the state. As a result 3500 miles of leading state roads will be rebuilt and maintained wholly by the state, and 50 per cent. of the cost of 4700 miles of county roads will also be met by the state as a whole.

Campbell Puslie, aged 23, was killed by the slipping of a jack at Glace Bay, N. S.

MACHINISTS WILL WATCH Civic Contracts Affecting the Trade to Be Analyzed.

Lodge of Machinists, No. 235, the report from the Metal Trades Federation was presented and discussed, re Toronto (National) . Aug. 29, Sept. 14 city pumping engines, and the city

the province is needed. New York has recognized the value of the county brooms, pails, chamois, shovels, feed for the horses, harness, etc.
"It's the very first the fire depart-



BLACK WALNUT TREES IN ONTARIO COUNTY.

\$75 per acre. No wonder they have clay or rather mud roads when the farmers' almost to a man resist any attempt to increase taxation to put their roads in proper condition, and as resolutely object to any regulation which would fix the width of wagon tires at four inches or over. And forsooth, because an automobile occasionally runs over the country roads and leaves its mark behind, The Sun editor has the assurance to advocate a law which would prohibit any one using that form of locomotion

S. A. Simpson. Brantford, Aug. 19, 1908. City Engineer Rust reports that the late roadway in inspector, Millichamp, did not carry out instructions and that the subsequent action of Engineer

# butter.

Pure, clean, dry, wellsavoured throughout it dissolves Canada. quicklyworks in

It should cost evenmore—but is sold at the same price as other salts.

In bags and barrels. All dealers'.

### Agricultural Fairs in Ontario and Dates

Alexandria ...... Sept. 29 & 30 Amherstburg .... Sept. 23 & 24 mittee be appointed by the Metal Abingdon ...... Oct. 13 & 10 Trades Federation to watch the inter- Avonnors ..... Sept. 23 & 2 Brampton .... Sept. 22-23 Bracebridge...... Sept. 24, 25
Blackstock (fair) ..... Sept. 29-30 

Sept. 28, ..... Sept. 17, ..... Oct. 8, 

hown and the object of continued investigation, but peacefully peaks are attributed to them; our peaceful peaks are attributed to them; our peaks are attributed to the composition of all the organic of a plant; it is introgen which, gives of a plant; it is introgen which gives to complain a bout the deep farrown and the productive and the gives of a plant; it is introgen which gives a plant of a plant give and a plant gives and a plant give and a plant give and gives Used in prizebutter

## **Great Capacity** and Thorough Work

are two very important considerations to be considered in the purchase of an Ensilage Cutter. When the corn is right for cutting the quicker it is put into the sllo the better, providing of course, that the work is not slighted for the sake of

## The Massey-Harris Blizzard **Ensilage Cutter and Shredder**

Has feed rolls which do not clog, a powerful cutter head and a pneumatic elevator or blower which will put the ensilage into the highest silo. Corn can be cut 1-4 in., 1-2 in., 3-4 in. or 1 1-2 ins. long. Knives are easily removed for sharpening. Feed rolls can be instantly stopped or reversed. Can be furnished mounted on a truck when a portable outfit is wanted.

MASSEY HARRIS CO., LIMITED, TORONTO

Agencies Everywhere.

## Farm Advertising Pays

LIVE STOCK, FRUIT, VEGETABLES

Let People Know in the Farming and Live Stock Pages

#### ANOTHER TALKS

The manager of the Canadian Steel and Wire Co., at Hamilton, says: "We believe in advertising, and heretofore we have done little in the World, but we tried it in the special Fence issue, and we mean to do more next year. We believe it is a good medium for

## The Horse Book

By J. H. S JOHNSTONE, Ass't Editor Breeders' Gazette

JOSHUA INCHAM Wholesale and Retail Butcher

Etalls 4, 5, 67, 69, 75, 77 St. Lawrence Market. Phone Main 2012.

C. CALDWELL & CO -Wholesale dealers in-

GRAIN, HAY AND FEIDING STUFFS OF ALL KINDS. 20 Front St. East, Hay Market, Toronto

Correspondence Solicited 25

PUDDY BROS.

Windham Centre ....

#### Portraits of the late **Prevet Lt. Col Henderson**

The late Senator Samuel Merner. Capt. Hamar Greenwood, M. P. for York, England. Mrs. South River Sept. 20, Oct. 1
Sundridge Oct. 5, 6
Spructuale Oct. 5, 6
Spructuale Sept. 22, 23
Sutton Sept. 24-25
Sutton Sept. 24-25
South Mountain Sept. 24, 25
South Mountain Sept. 24, 25
Striling Sept. 23, 24
Shannonville Sept. 23, 24
Shannonville Sept. 23, 24
Strathroy Sept. 21, 22, 23
Strathroy Sept. 23, 24
St. Marys Sept. 23, 24
St. Marys Sept. 23, 24
Simple Central Research Sept. 24, 25
Strathroy Sept. 23, 24
St. Marys Sept. 23, 24
Spructuale Sept. 24, 25
Samuel Nordholmer, President Daughters of the Empire. The late Dr. Wild. Nathaniol Spady, the composer, and others who are in the public eye at the present time appear in this week's SUNDAY WORLD.

Five Central Research Mrs. Samuel Nordholmer, President Daughters of the Empire. The late Dr. Wild. Nathaniol Spady, the composer, and others who are in the public eye at the present time appear in this week's SUNDAY WORLD.

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Five Central Research Mrs. Samuel Nordholmer, President Mrs. Samuel Nordhol

DICKERING TOWNSHIP FARM FOR results to the state of the sta Wetherald, Kinsale, Ont.

100 ACRES — COUNTY ONTARIO, Pickering Township, 7th Con., Lot 27. First-class clay loam, spring creek, brick house, bank barn, easy terms. R. W. Ward, Claremont, Ont.

FOR SALE—100 ACRES IN SCARBORO
Township, the 4th concession, lot 18, one of the best grain farms. All lies to the south, well fenced, good brigh house, outbuildings fair. Orchard and small fruits, good water. For particulars apply to Alb. Ionson, 102 Queen St. East, Toronto.

FARM FOR SALE-LOTS 22 AND 23, FARM FOR SALE—LOTS 22 AND 23. Concession D, Scarboro, containing about 170 acres; good buildings, fine or chard and ornamental trees; 20 acres bush; one mile from electric cars, 8 miles from Toronto; this would suit a gentleman farmer; if not sold by Sept. 1st farm will be rented. Apply to F. K. Reesor, 43 Langley-avenue, Toronto. 356256

CONTAINING 110 ACRES, IN LOT 16, concession 4, West York. Apply L. Jackson. 575 Church-street, Toronto.

TWO FARMS FOR SALE, NEAR LO. cust Hill, 25 miles from Toronto, centre of rich farming district; clay loam; good buildings and fences. Write for particulars to A. C. Reesor, Locust Hill, Ont. CHOICE DAIRY, STOCK AND GRAIN farm, 106 acres, 16 miles from Toronto, good buildings, fences and water; exceptional conveniences. Apply Box 72

FOR SALE-100 ACRES IN SCARBORG Township the 4th Concession, Lot 19, one of the best grain farms. All lies to the south well fenced, good brick house outbulldings fair; orchard and small fruits, good water. For particulars apply to Alb. Ionson, 1022 Queen-street East.

SMALL FARM TO RENT-TWENTY

FARMS TO RENT.

acres, barn, suitable for butcher of market gardener; will lease for five years if desired, to right person; I mile from Whitby. Apply to Miss E. Hood, Whitby. VEGETABLES.

TOMATO PLANTS, VEGETABLES IN in season. Thos. W. Bonnell, Market Gardener, Whitby, Ont. 25

POULTRY AND EGGS. EGGS FOR SETTING-S. C. WHITE Leghorns, Barred Plymouth Rocks, \$1.50 per 13, \$3.00 per 30, \$5.00 per 60. Settings can be made up out of both pens if required. F. C. Strongithalm, Donlands, Ont.

FOR SALE. FOR SALE-YOUNG. FRESH CALVED cow; calf by side; a grand milker. Price \$35, or will exchange for fat cow; also a nice delivery horse; price \$55. Tryout given. Apply H. A. Jifkins, 150 Coxwell-avenue. near Woodbine.

YORKSHIRE WHITE PIGS, IMPORT. ed and from imported stock, all ages, for, sale. Eggs for hatching from pen of Barred Rocks, beauties, mated with 12-ib. cock; select pen of Houdans, \$1 per setting. W. F. Disney, Greenwood. Ont.

STRAYED-FROM NEAR HUMBER of ford Mills, Thistletown, on Friday, Aug. 14, 1908, one Jersey cow, had a leath er halter on. Reward on returning the Arch. Irving, Thistletown, Ont. 56

Woodville Sept. 1
Woodbridge Oct.
West Zorra and Embro Agricultural
Fair. Embro