

ITEMS FOR AND ABOUT THE FARMER



MONDA'

Articl

ROSEALENE Linoleum Polish Roach Powder Exterminator

STOVES AND Westwood Br

ors' and mason Brand' White is ishing lime mand equal to an builders' supply Supply Co., Lin street. Telepl Junet. 4147,

Junet. 414...

LOOK—Canada's cern will demol Independent Orders' Island, Desai, lumber, docheating radiato sale. See ourjob. Dominion Co., Ltd., Toror

phone Gerrard Smith, 4 Fairy studio, Masonio

DR. KNIGHT.

A. GALLOW phone for nig

HOUSE MOVIN Nelson, 115 Ja

ALVER'S HE

would had a socks on perience 3-cent s 151C, Auto College St

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cases, cranland rings, springs, axlestorage batt Part Supply Junction 33

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George E. Yonge stree PROCTOR'S Open eveni

Strictly pr Mrs. McGill

DR. ELLIOT

CLAS ADVE

HOW THE TRACTOR WAS USED WITH COMMERCIAL FERTILIZER

Figures Given Herewith May Prove of Great Interest to Canadian Farmers While Faced With the Labor and Feed Problem.

ration of farm animals.

No need rehearsing the story of starving myriads in Europe, of millions of patriots in training camps, of the destructive power of the devils of Berlin and their secret vassals in our midst. For our of the devils of about \$200 and at a rental of about \$200 an acc... AFT. Berlin and their secret vassals in our midst. For our own preservation our 1918 yield must be maximum, states Prof. Henry G. Bell in The Manufac-

turers' Record.

We have no patent for favorable growing weather next spring and summer. All the more reason why we should consider now, in all seriousness, the needs of our allies, who at present are fighting our battles, and the needs of our home folk. All the more reason why we should actually put knowledge into practice.

I venture the opinion that 80 per capital as well as depreciation in equipment and horses. These items, along with annual expenditures for manures, seed, etc., totaled as an average of 13 years, \$16,600 per annum. The profit account is analyzed into three columns, the first covering 13 years, 1866 to 1878; the second, the first nine years of the period; the third, the last four years of the period, as follows: I venture the opinion that 60 per ent. of the poor corn now in the middle west could have been changed to high-grade corn if we had only done

last spring what we know.

But this is no time for regrets. The rapacious Hun is on the road to America, determined on pillage and destruction of property and the absolute wiping out of the principles of The thin red line of gallant Belgian, British, French and, thank God, American heroes, is all that holds him back. American farmers are behind their defenders, Nineteen-eighteen crops must show the

In a month or two every state will be actively campaigning for maximum crop acreage. Every means possible to increase total crops will be urged,

The farm tractor has made possible the working of large land areas. Especially has the tractor been useful for the first stage of soil preparation, far exceeded at the present time. plowing. Enormous reduction in cost of plowing under favorable conditions above the soil of this great farm, the has been made possible by tractor problem was submitted to the re-

bad seasons than in good.

Larger areas worked by tractor, Larger yields produced by fertiliza-A new idea? No! was put into practice in England during the last dark days of America, when the sons of America fought and died so that a great basic principle of democracy should live.

In 1861 John Prout, of Sawbridge worth, Eng., began operating a farm of 450 acres, or rather a combination of two farms totaling this acreage employing as his principle power, steam tractors, and as his source of plant food, fertilizers.

Did he succeed? Did it pay? Didn't he keep live stock? What effect did the system have on the permanent

And he succeed? Did it pay? Didn't he keep live stock? What effect did divented to the permanent productivity of the farm?

These are the practical questions an average American farmer wishes answered.

Let Prout defend his own case. He considered the following things indispensable to most economic farm operations:

(1) Effectual soil drainage.

(2) Fields of considerable dimensions.

(3) Straight fences.

(4) Sound head-land roads.

(5) Sound head-land roads.

(6) Convenient field water supply. The mumber five is about the only the most account of the present time, since gaodine engines use to farming without live stock, or of continuous cropping without system-actio rotation, both of which practices Mr. Prout followed on his own farm. The only live stock that were kept on the farm ware from six to eight of the story shows what can be considered to make a success and enumerated some time farm ware from six to eight of the story shows what can be considered to make a success and enumerated some time actio rotation, both of which practices Mr. Prout followed on his own farm. The only live stock that were kept on the farm were from six to eight on the farm ware from six to eight on the farm ware from six to eight of the story shows what can be considered to the consideration of the story shows what can be considered to the consideration of the membership so.

The only live stock that were kept on the farm were from six to eight on the farm were from six to eight on the farm were from six to eight of the story shows what can be considered to the consideration of the membership so.

The only live stock which they have normally kept. It will furthernore see many large farms where enore ware conditions. Necessarily, the present conditions, however, covernment and industrial agencies of all spot undersuch conditions; however, covernment and industrial agencies of all spot undersuch conditions; however, covernment and industrial agencies of all spot undersuch conditions; however, covernment and industrial agencies of a tion of labor shortage will apply under such conditions; however, government and industrial agencies of all sorts are co-operating with the larmer with the one purpose of supplying ufficient labor this coming summer. Now, as to some of Mr. Prout's gures: When he had remodeled h's farm, Mr. Prout 'aid out the farmi' g areas in nine rectangular fields, approximately 50 acres each. As an average of 13 years he plowed 429

WALLER'S, 711 SPADINA

FARM IMPLEMENTS REPAIRS OF ALL KINDS GEO. W. SMITH COMPANY

Cor. Jarvis and Duke Sts., Toronto

If America is to live, we must raise a maximum of food in 1918.

It isn't a question of ability. It is one of absolute necessity!

Food includes beef, mutton, pork, poultry, corn, wheat, oats, rye, barley, potatoes, turnips and all that contributes either to the table or to the ration of farm animals.

No need reheaving the stary of acid and nitrogen. The soil was a nearly car, fairly rich necessity of acid and nitrogen. The soil was necessity as necessity.

necessary expenses were included a: d interest at five per cent. on working capital as well as depreciation in

Aver. Aver. Aver. years 9 yrs. 4 yrs. 1866-78.1866-74.1875-78. Returns\$22,545 \$22,120 \$23,490 Less selling expenses ... 1,000 1,000 Gross re-turns\$21,545 \$21,120 \$22,490

The average of the last four years (Column 3) shows the financial returns when Mr. Prout's system was

established. He made \$6315 per an-

num on an investment of about \$80,000. an interest rate of a little less than

8 per cent. But mark that this rate

of interest (8 per cent) was made in years when the price of wheat ranged

Now, as to the permanent effect

problem was submitted to the re-

nowned soil authority, Dr. Voelcker,

As to the kind of fertilizer Mr

Prout used, in recording the purchases

meal, superphosphate, Peruvian guano

nitrate of soda and kainit. With the

exception of guano, all the foregoing

obtained are quite comparable with

those posible under present conditions

Mr. Prout's experiment is of special

nterest to American farmers at the

present time, first, because he em ployed tractor power for the major

perations of a large farm long be-

thought of; second, because he suc-

gates to the annual meeting at Toronto.
George Raikes was appointed representative to the board of agriculture.
Delegates were also appointed to attend the annual meeting of Georgian Bay Fairs Association. The date fixed for the world's fair this year is Sept. 20.

lb. 3-year-old, as well as the Canadian Champion Cow, 41.10 lbs. but-

dian Champion Cow, 41.10 lbs. butter in 7 days.

While in Toronto, call at 21 Weilington street west, and see extended pedigrees, or better still, let us take you out to the farm, only 30 minutes' run from King and Yonge, local Metropolitan Car, Stop 14.

Write for particulars or phone Adelade 3900; Belmont 184.

SUNNYBROOK FARMS

EGLINTON P.O., North Toronto, Ont.

carriers of plant food are found in odern fertilizers; hence the results

of the various years, he ment

Less outlay .. 16,600 16,795 16,175 per annum\$ 4,945 \$ 4,325 \$ 6.315 14, at 8 p.m.

L. N. Mawhinney has sold his farm in Ekfrid to Neil McFarlane for \$10,000. Dan McLean has sold 100 acres of his land near Ekfrid Siding to George Lee, and purchased W. J. Mawhinney's farm

BLUEVALE.

Regular monthly meeting of the Women's Institute will be held in the Foresters' Hall on Thursday, Feb. 14, at 2 o'clock, Papers will be given by Rev. C. Tate and Mrs. R. Black, Mrs. R. Shaw, presiding secretary.

tors Say World's Horse

SOME IMPORTANT SALES

Summary of Old Country Prices Should Encourage Canadian Breeders.

fore modern gasoline power was of Canada by the secretary, J. W. Whea-

Should keep in hilling.

In reviewing the situation outside of Canada, and especially in regard to Clydesdales, we find the most encouraging evidence of activity. At last fall's auctions in Scotland trade was exceedingly good for stock of the best class. In the ordinary sale at Perth, while the general run was rot of a high order, the 51 head of breeding stock sold averaged \$123 per head. One three-vear-old stallion sold to go to Canada at \$1500. A feature of the Perth sale was the sale of a three-year-old filly by Dunure Foot-

HOLSTEIN BREEDERS, ATTENTION! SUNNYBROOK FARMS, North Toronto Have for sale a number of Holstein Heifers, also Bulls of serviceable age. These are from approved Dams testing from 18.34 to 29.94 lbs. of butter in 7 days and are sired by COUNT FAFORIT SYLVIA SEGIS, whose breeding combines the blood of the families that produced the world's only 50-lb. cow, and a 100-b. 3-year-old, as well as the Cape.



We are the inventors of 31 different styles of Trusses for Rupture; and have a full understanding of what is wanting. We examine, then make a Truss suitabi-to conditions, and guarantee to secure and make you comfortable.

AUTHORS @ COX 135 CHURCH STREET, TORONTO

Condensed Information for Farmers and Their Clubs

News of the Crops and Farms From All Parts of Ontario.

SMITH'S FALLS.

QUEENSVILLE.

The annual meeting of the Queensville Agricultural Society was held in J.

AURORA

J. W. Tilson of King township sold a hog' to W. J. Knowles of this place on Wednesday, which weighed 477 pounds, and realized \$95.40.

Speaking recently in Vancouver at a meeting of the directors of the exhibition association, Mayor Gale of that city endorsed the suggestion that a municipal piggery should be established, thus assisting in the campaign for increased hos production. The mayor added that he had given considerable thought to the subject and that he had a site in view. Not only was he in favor of a municipal piggery, but he also thought that the pig production among citizens should be encouraged by granting premiums to boys and girls or adults for the best results obtained in individual hog-raising.

MOUNT ALBERT.

The next regular meeting of the Mt.
Albert branch of the North York Women's Institute will take the form of a banquet and be held in the Presbyterian Sunday school room on Thursday, Feb. 14, at 8 p.m.

Supply is Depleted.

The following is a portion of the direcreport as read at the annual meeting of the Clydesdale Horse Associatio



THRESHERMEN PROTEST.

KITCHENER.

Casper Braun, a well-known Kit-

S. B. McCready of Toronto, assistant ville Agricultural Society was held in J.
L. Barrett's harness shop on Friday,
Jan. 18. There was a good attendance
and the secretary's report was very satisfactory. The society had a very good
year with a good balance on hand for
the coming year. Silas Sennett was called to the chair and the officers were
elected for the year as follows:

President, John Fairbairn; list vice,
Silas Sennett; 2nd vice, M. A. Ramsay;
secretary-treasurer, A. T. Wait; directors—W. A. Burkholder, J. D. Moore,
Fred Johnson, J. L. Barrett, Marvin,
Rutledge, Percy Boag, Henry Wight,
Geo. Richardson, C. A. Doan; auditors—
Sam Miller, Frank Milne.

It was decided to hold the fair on the
Sth and 9th of October.

Miss Helen L. Carruthers, Middle
road, Darlington, north of Bowmen.

Miss Helen L. Carruthers, Middle road, Darlington, north of Bowman-ville, has a flock of 69 White Wyandotte pullets which are truly their bit" nobly to help production.

Nine were hatched April 19 and sixty between May 1 and June 5. The first pullet began laying Oct. 31. During November they laid 205 eggs. December, 688, January 1032 and the first four days in February 160.

Non Smith, of Ravenshoe, James fre-land of Maple and V. Middleton of Weston, three threshermen, were appointed to confer with the committee of the council.

MEETINGS ANNOUNCED.

chener contractor, has purchased the Goudie farm, about three miles north The Ontario board of agriculture will hold public meetings both after-noon and evening at the following places and on the following dates, to which all are cordially invited: to which all are corolany invited. Yarmouth Centre, Feb. 18; Mapleton, Feb. 19; Springfield, Feb. 20; Luton, Feb. 21, and Lakeview, Feb. 22. The speakers will be J. W. Clark of Kingsville, who is the largest breeder of poultry in Ontario, and who was for years instructor in the American State Agricultural College. The ladies' institute will co-operate in these meetings, and will have Miss Campbell of To-ronto to address them.

THE NEWMARKET ERA.

The old cheese factory on Huron street has been used for two or three years as a creamery. On Monday the business of the creamery was moved to the old clothing factory on Prospec

The careful use of stock manures and abundant use of fertilizers has made it possible for farms that employ these means of crop increase to the full to harvest over double per acre of what is produced on hungry, half-starved soils. Not only has this been the case in good seasons, but in poor and good seasons, but in poor and good seasons alike; in fact, proper crop feeding very often has paid a higher per cent. on investment in the full and is produced. The full to harvest over double per acre of what is produced on hungry, half-starved soils. Not only has this people or and good seasons, but in poor and good seasons alike; in fact, proper crop feeding very often has paid a higher per cent. on investment in the control of the late william remained as the case in good seasons alike; in fact, proper crop feeding very often has paid a higher per cent. on investment in the control of the late william remained as the case of the late william remained as the same sire sold for \$1207.50. On this social the same sire sold for \$1207.50. On this social the same sire sold for \$1207.50. On this social the same sire sold for \$1207.50. On this social the same sire sold for \$1207.50. On the same sire

of the sale 80 geldings, three-year-olds and upwards, averaged \$571 each, as against \$346.50 in 1916. A black four-year-old gelding by Dunedin sold for \$1000. Forty-three of the 90 geldings it is stated, have never been equalled in the United Kingdom for animals of this kind. The 55 mares-three-year-olds and upwards—sold on the opening day at Lanark averaged \$495.50, as compared

MEETINGS THIS WEEK

Monday—Ontario Plowmen's Association, 22 College street, Toronto.

Tuesday and Wednesday — Ontario Association of Fairs and Exhibitions, 22 College street, Toronto.

Thursday—Ontario Vegetable
Growers' directors' meeting at
the secretary's office, parliament buildings.
Friday — Ontario Vegetable
Growers' Association, 22 College
street, Toronto.

BORLAND ASSERTS PLAN IS GOOD ONE

iterated his views on the subject, and Says Idea of Galt Man Restated that there were not more than half of the 85 machines in the county garding Standard outside the law. On his suggestion John Smith, of Ravenshoe, James Ire-Breds, Good.

STIMULATE INTEREST

Suggests Meeting of Breeders and Farmers to Dis-

chemer contractor, has purchased the Goudle farm, about three miles north of this city, and is making preparations to have the timber in the wooded portions cut and the fuel utilized. Already Mr. Braun has engaged several men who will cut the timber. It is also understood he will put a sawmill on the place to have logs cut into timber. The farm consists of 103 acres, of which about 30 acres are wooded, the timber being mixed with both hard and soft varieties.

LEAMINGTON.

Leamington council purchased two carloads of potatoes and disposed of them to citizens.

EXETER.

The South Huron Board of Agriculture will hold special meetings for farmers on Tuesday, Feb. 12, in the hall, Farquhar. The speakers are W. C. Shearer of Bright, A. J. Fallis of Millbrook, and Miss M. V. Powell of Whitby, on a variety of live subjects. Afternoon session at 3 o'clock and evening session at 8 o'clock. The evening meetings are joint affairs.

With \$326.50 in 1916. On the second day of this record sale there was a big demand for fifly and colt foaks, especially when the treeding was fashionable. A filly feal by Durupe Footogrint.

Orillia, Feb. 6, 1918.

LIVE STOCK COUNCIL **NEED IS OUTLINED**

American Farmers Asking Wilson for Creation of Similar Body.

ARKELL EXPLAINS NEED

Shows Live Stock Union Why National Council is Urgent Necessity.

The Canadian Livestock Council is the

The Canadian Livestock Council is the name favored for the proposed organization which was endorsed by one and all of the breeders' meetings held in Toronto last week. The account of the U.S. farmers' meeting in Washington which was contained in Saturday's edition of The World, made particularly interesting reading at this time, as on American friends are apparently asking President Wilson for the creation of similar body of farmers which could confer with the government in the effort to solve the grave problems which at present are confronting agriculture on this continent.

Arkell Tells Why,

The Canadian Livestock Commissione, H. S. Arkell, addressed the various gatherings during last week, but perhaps he made the proposition particularly clear at the meeting of the Eastern Canada Livestock Union on Friday afternoon at the Carls-Rite Hotel. Mr. Arkell then reminded his audience that the time at the disposal of the regular meetings of the various breed societies did not admit of a thoro discussion of the broad national problems. The breeders' societies as such were necessarily interested in the problem relating to their particular interests and an individual organization was not qualified to speak for agriculture as a whole.

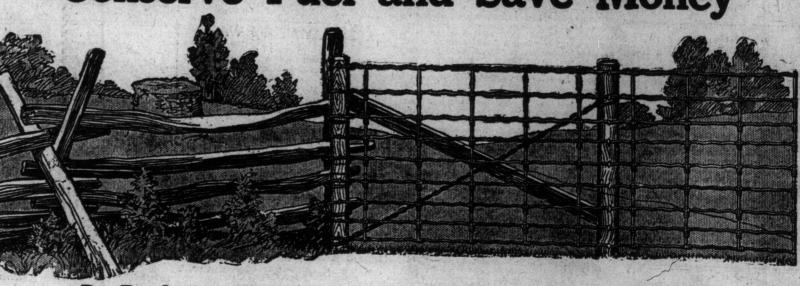
Would Help Him.

Therefore the commissioner was desirous of the formation of a council by the farmers and breeders of Canada that he could come to and discuss the various aspects of the momentous questions which were now coming up for the consideration of the department of agriculture of the federal government. The financial interests and the manufacturers had long ago organized and were ready at all times to discuss from the point of view of experts any problem which might require the consideration of the government. Naturally those organizations of the drafting of such laws as might touch their interests. The farmers, however, had left the drafting of laws in the hands of the minister of agriculture and to handle all phases of such problems as those relating to rallway rates, labor, ta tect the agriculturists of the Dominion from possible effects of would-be law-makers of antagonistic influences, Cana-dian agriculture appears to have dian agriculture appears friend in H. S. Arkell

AYLMER.

E. C. Maguire has sold the Ever-green farm at Yarmouth Centre to G. Ball of Dorchester.

Conserve Fuel and Save Money



By Replacing Your Rail Fence with a Frost Wire Fence

1.-IT IS A PATRIOTIC DUTY. You have seen by the papers that coal is very scarce in many localities this winter, hence wood will have to be used considerably. You intend to replace your rail fence some day with a wire fence, but now is the time you can get the highest price for your rails, and at the same time help out on the important question of fuel.

2.—IT MEANS A SAVING TO YOU. At present prices, your rails will bring more than a new Frost Wire Fence will cost you. Think of the difference in appearance, also of the greater field space a wire fence will leave you for cultivation. A Frost Wire Fence will greatly increase

of the unsightly weeds, ant-hills, etc that are always associated with a rail or stump tence. 3.—FROST WIRE FENCE IS A PAY-ING INVESTMENT. It is different and

the value of your farm. It will mean the end

better than the ordinary wire fences because, in the first place, it is made from Canadian-made wire, specially tempered and galvanized in our own wire mills to suit our rigorous Canadian climate. Secondly, it is woven more slowly than other kinds of wire fence and on improved lines of construction, which result in having every horizontal exactly the same length and every upright perfectly straight and evenly spaced. Note also the Frost tight lock. No other wire lock has yet been produced which can equal it in neatness and security of holding.

Help both your Country and Yourself by at once deciding to replace all your wooden fences with the most perfect wire fence you can buy.

If you do not know our nearest dealer's name, write us for particulars.

Frost Fence First

A style for every purpose Frost Steel and Wire Company, Limited

Hamilton, Canada

eases. Pay free. 81 Q DR. REEVE-skin diseas to give sati MONEY