

THE TORONTO WORLD

THE WHITE GRUB

How it Works to the Hurt of Some Fields.

WANT AN ELECTRIC ROAD. ion passed by the Picker Council, approving of of a branch of the pro-

Toronto Eastern Electric Railnto to Port Perry, via and Brooklin, is a move in irection. The route along from Markham, tapping er, Brougham, Greenwood would draw trade from a ulous district. In ei-

growing needs of a people

ectally is this the case with orp. It is essential that the kept dry and free from mold.

ly covered ears.

mpany's choice of said: It is propos nops in Toronto, a

S' SECTION

Annual Meeting In of Trade.

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eeting of the Tan - board of trade the vere elected: E. J. Davis; vice-

J. Lamb; secretary orley.

C. Breithaupt, S. R. eardmore, C. G. Mar-Beal, R. M. Beal, g. A. O. Beardmore, R. Clarke, George

mittee: Charles King, J. J. Lamb, F. ..G. ore, R. M. 1



Red clover seed remains firm in price. Northwest farmers and others are ocking to Ontarlo for Christmas.

The Millers - Watt - Edwards-White shorthorn sales will be held at Toron-to early in February.

The White postponed auction sale The Toronto-Trenton branch of the

Canadian Northern R.R. expects to be tunning in a year.

production. It will pay the average farmer to raise horses for sale if he is careful about the kind he raises. A farmer can raise horses as cheap as he proposed electric for the famous fin a year. Sty the growing needs of a people have suffered railway inconveni-tor a long time. THE SEED SO THE HARVEST. THE SEED SO THE HARVEST. The value of good seed has been mered into the ears of farmers and again. Recent experiments mario further show the great ne-thy of sowing none but high-germ-ths. vigorous seeds. Many a is sown with the regulation wance of grain but which is in germinating power. Con-ently not enough good seed distributed to warrant a fair m. Those farmers who have seed no f their own or who have to pur-the it would do well to do so early to have plenty of time to re-n and ascertain its percentage of mand ascertain its percent raise cattle and it does not cost any more to raise a good one does to raise a poor one The great trouble with our farmers in trying to ise horses has been the kind of mare they keep. The good mares are sold because they bring a good price; and the common, unsalable mares are keps

CHINESE EGGS.

Consignment to Canada From China, Where Everybody Keeps Hens,

ade in the ear, so that the rived per C.P.R. steamer at Victoria, B.C., recently from China, makes the

question of the oriental poultry of in

Perhaps there is no country in the rid where there are so many do-stic fowls as in China, and yet there no poultry forme when yet there

Persons looking for the right kind of likers, bred right and performing

riminate against

SHORTAGE OF HOGS.

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presence of the white grub in the soll. Instances of its ravages are reported from all parts of the province. The provincial government's crop report that has just been issued speaks of it. Potatoes and corn have been its fa-vorite food. Not only has it hurt the roots but has rendered many potatoes unsalable by reason of its digging big holes in the tubers. In some parts it has been so numerous as to render the grain crop a failure. The white grub is the second stage of life of the June bug, and will not Big Marketable Horses Can Be Sold For Good Money, as Demand is Heavy. Horse breeding pays. Farmers now find this a paying proposition and the recent horse show success registered at

of the June bug, and will not of life of the June bug, and the bug, and the trouble longer than two years. It is a very unsatisfactory insect to fight, because it hides itself under the surface of the ground, and is difficult to reach with polsons, or with any other

killing agents. However, the white grut attacked by so many parasite daceous natural enemies that i that it is bad for more than one two years in succession in any place. I have seen it threaten to stroy the lawns in a section of country by eating off all the roots, n in any

ave experimented with various in-secticides by trying to wash them into the soil, but it never did any good. The next year, however, the grubs were almost entirely gone, and the grubs, which I enclosed in pots to experiment

because they oring a good price; and the common, unsalable mares are keps and bred. In addition to this drawback we hav had some very inferior stallions im ported to this country and solid to farmers for breeding purposes. O' course the Clydesdale is our leading draft horse and there have been many poor ones introduced to Canada But the stringent regulations imposed by the National Records Association makes it almost impossible to get a poor pedigree, but pedigree does not in-sure substance, unfortunately. Farm-ers, perhaps, have been imposed on in many cases by a good lineage and he-glected the mating suitabilities of their mares. The consequence has been that we have been getting some very com-mon and inferior horses. It is too com-mon among farmers to breed small road mares and cometimes pony mares and western ranch mares to draft stallions. They get colts that make fair horses to with during the wir possible to keep alive, owing to the esence of disease; says one writer. presence of disease; says one writer. They are preyed on by several fun-gous diseases, by a bacterial disease, which turns the joints in the legs black and later the entire bodies of the grubs, and rots them to pieces. They are also attacked by a large number of internal parasites, and are attack-ed by shrews whenever they are to be reached. Besides this, of course, ed by shrews whenever they are to be reached. Besides this, of course, skunks and moles help a little. When an epidemic breaks out among them, it always does a cleaner job if the in-sects are crowded. As there is really nothing else to be done, this is some-times quite a comfort to know. get colts that make fair horses to

CATTLE MARKETS Cables Steady-United States Markets

The best horse for the Ontario farm

CHANGE OF SEED POTATOES MAKES BIG PROFITS

Several Results Getten From Experiments in Potato Growing in Ontario.

The charge has been made agains

rant its general planting. ready money.

A good lesson for certain districts in

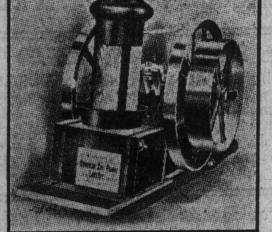
ssful, it would seem the ents have been conclusive enough low for the

The during the past year will prove of great value to the farmers. His chief findings this year are that variety and

The Ontario Experimental Union, under Prof. C. A. Zavitz, have given much valuable data to the country. At the annual meeting at Guelph, the re sults of tests at the farm and by exnters thruout the province show perimenters throut the province s

rieties. In early potatoes, the Extra Eearly Eureka was placed first, while Bur-pee's Extra Early was placed 'simi-larly in the medium ripening varieties. But the general farmers are mor particularly interested in the late po-tato, which is generally more produc-tive. The variety that has secured the best results on all soils is the Empire State, a smooth white potato. Change of Seed Necessary. Scotch growers invariably look for





PORTABLE ENGINE ON SKIDS, WITH IMPROVED WATER COOLER.

Donlands, Ont., Dec. 4, 1909. The Canadian Gas Power & Launches, Limited, Dufferin Street, Toronto, Ontario.

Toronto, Ontario. Gentlemen: You will be pleased to know that the power pumping outfit which you installed at Donlands Farm has been working very satisfactorily. The pump, driven by a 5½ horsepower engine, draws the water 480 feet from the well at the barn to the blacksmith shop, and then forces it back 500 feet and up 20 feet to the tank. The lift from the well is about 20 feet. We use the return pipe to the tank as a supply pipe, and there are taps in the different farm buildings con-nected with it. We find that about 20 minutes' pumping daily is suffi-cient to supply the whole farm with water. This, of course, brings the cost of operating the plant to a very reasonable figure. The time required to look after the pump and engine is practically nothing. This seems to be the best water supply system that any farmer could install, and if you have any prospective oustomers who would care to see our plant, I would be very pleased to show them over it. Yours truly. (Signed) Manager, Donlands Farm.

Read above testimonial and solve your pumping problem

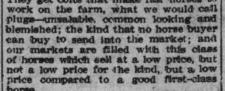
We are the oldest and largest manufacturers of Gas and Gasoline Engines in Canada.

Write at once for catalogue, printed matter and prices.





Every Farmer needs a gasoline engine to replace the windmill for general purposes. Our "Jack Junior" will furnish abundance of power to pump water, run a separator, grindstone, corn sheller, etc., and be moved from place to place PRICE-\$75.00, complete ready to run.



Clarke. ommittee: J. C. Mariatt, S. R. Wick-George C. H. Lang, D. Beardmore, R. M. Ig, A. O. Beardmore, to council: A. O.

the retiring chair report, stated that been an exceeding-He suggested that ppointed to ask the tore tan hark to the occupied with pulp order-in-council of thought that every ed in Canada would adian tanners preceded by a lu nal Club tendered airman. F



again a Man are wearing Electric Belt

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Trouble, it ent is power-

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eslo, Ont. very pleased varicoccle is nerves wers iny man can also, and I one of your another for cure in the in a London, one for me. s. as I know r Beit when good health.

RALPH. to yourself.

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12-4-09

Strong and Vigorous.

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retiring president of Nicaragua, that on Dec. 4 in a telegram to Secretary r ing too small to market. The Gold Coin variety, under simi-lar conditions, yielded 210 bushel's per acre. This seed was obtained from good potatoees, about 9 per cent. beof State Knox, he suggested that an

original stocks of these potatoes came from the same car lot three years ago. The change from the light soil to the heavy one produced the big difference. HAY and OATS Nicaragua. I stand ready to account for my acts."

**40 REGISTERED HOLSTEIN MILK COWS AND YOUNG STOCK** At the Farm, near Station, belonging to DAVID RIFE & SONS, HESPELER.

Write for catalogto-day. Live agents wanted everywhere.

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70,000 Fairbanks-Morse Engines in daily use.

This herd consists of 20 cows and heifers in milk, ten with calves by side. Record of Merit: Cows with records of 12 to 22 lbs. butter in seven days, headed by Count Calamity Mercedes, the most prepotent sire in Canada, and will all be sold at credit auction on

THURSDAY, DEC. 23rd, 1909.

The bull is the sire of the Champion 2-year-old Heifer of Canada. Also sire of the two highest testing 2-year-old heifers in Canada. The young stock are all thrifty, in good growing condition. The cows are persistent milkers. They are bred to this bull. There is not a poor one in the lot.

one in the lot. Owing to carving up of farm for lots, everything has to go. Horses, implements, 100 Pure-bred Buff Orpingtons and White Rock hens, etc., will be sold same day. Farm is five minutes' walk from station. Hotels good Forty-seven acres of land for sale same day. See liner. TERMS—On cows, 10 months' credit on approved notes bearing § per cent. interest. Balance of sale, usual terms. Catalogues are ready. Write for one, mentioning World, to D. RIFE & SONS, Proprietors. Mathematical Sciences, N.27, D.11, 18.

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Will Show His Good Faith by Leaving

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published statement from Zelaya, the

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We also build the best in steel stalls, and these are he most permanent stable fittings you can instal. They mean better sanitation, more light and better entilation. Write us for full information.

BEATTY BROS., - FERCUS, ONT. We also build Litter Carriers. Hay and Grain Un

WANTED

**FISHER PRODUCE CO.** Limited neither gentieman would discuss the **76 COLBORNE ST.** 36 meeting, both informing the press re-TORONTO

presentatives that it was an informal visit, devoid of special significance. Mr. Borden attended a meeting of the di-vectors of the Bank of Nova Scotia.



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