

The London Advertiser
THREE EDITIONS
Morning, Noon, Evening
 Western Ontario's Greatest Daily
All the News all the Time
 Rate by mail, any Edition, \$2 a year
 Circulation Dept., London Advertiser

Grand Trunk Railway
TIME-TABLE
 Trains leave Durham at 7.05 a.m., and 3.45 p.m.
 Trains arrive at Durham at 11.20 a.m. 2.30 p.m., and 8.45 p.m.
EVERY DAY EXCEPT SUNDAY
 G. T. Bell, C. E. Horning,
 G. P. Agent, D. P. Agent,
 Montreal, Toronto.
J. TOWNER, Depot Agent
W. CALDER, Town Agent

Canadian Pacific Railway
Time Table
 Trains will arrive and depart as follows, until further notice:—

P.M.	A.M.	P.M.	A.M.
8.10	11.10	Ar. Toronto Lv.	7.45 5.25
4.35	7.46	Lv. Saugeen J.	11.30 9.13
4.20	7.25	" Priceville "	11.42 9.24
4.10	7.15	" Glen "	11.52 9.34
4.06	7.11	" McWilliams "	11.56 9.38
		P.M.	A.M.
3.55	7.00	" Durham "	12.08 9.50
3.41	6.46	" Allan Park "	12.22 10.04
3.32	6.37	" Hanover "	12.33 10.14
3.23	6.28	" Maple Hill "	12.40 10.22
3.10	6.15	" Walkerton Ar.	12.55 10.35

R. MACFARLANE - Town Agent

GRAND TRUNK RAILWAY SYSTEM
DOUBLE TRACK ALL THE WAY
TORONTO-CHICAGO
TORONTO-MONTREAL

FOR CHICAGO
 Leave Toronto 8.00 a.m., 6.00 p.m. and 11.45 p.m. daily

FOR MONTREAL
 Leave Toronto 9.00 a.m., 8.30 p.m. and 11.00 p.m. daily

Equipment the finest on all trains

Panama Pacific Exposition
 Reduced fares to San Francisco, Los Angeles and San Diego.
 Tickets and full information on application to agents.
 W. Calder, Town Agent, Phone 3a
 J. Towner, Station Agent Phone 18

CANADIAN PACIFIC
TRANSCANADA EXPRESS
 Carrying Through Equipment to **WINNIPEG and VANCOUVER**
LEAVES TORONTO 6.40 P.M. DAILY
 Connecting Train Leaves Durham 7 a.m.

HOMESEEKERS' EXCURSIONS
 Each Tuesday until Oct. 26, inclusive

Canadian Pacific All The Way
 No Change of Cars or Depots

Pacific Coast Tours at Lowest Fares including "CALIFORNIA EXPOSITIONS"

Particulars from Canadian Pacific Ticket Agents or write M. G. Murphy, D.P.A. Toronto.
 R. Macfarlane, Town Agent
 E. A. Hay, Station Agent

DURHAM PLANING MILLS

The undersigned begs to announce to residents of Durham and surrounding country, that he has his Planing Mill and Factory completed and is prepared to take orders for

SASH, DOORS
 — and all kinds of —
House Fittings

Shingles and Lath
Always on Hand
At Right Prices.

Custom Sawing
Promptly At-
tended To

ZENUS CLARK
 DURHAM - ONTARIO

A sharp thunderstorm passed over Collingwood and struck the tower of the Collegiate Institute.

CANADA AT WAR

CANADIAN WAR LOAN PRAISED BY FOREMOST U.S. FINANCIERS

There Is No Ground For Any Criticism of Finance Minister's Action.

No Other Colony of Britain Could Have Done Nearly So Well.

WHEN Hon. W. T. White, Minister of Finance, floated his \$45,000,000 loan recently in New York a section of the Canadian press criticized it very strongly, claiming that the interest rate was too high, the issuing price too low, and the whole loan in other respects a mistake. Against these critics Hon. Mr. White ably defended himself.

Trustworthy Opinions.
 The editor of The Kingston Standard about this time took the trouble to write to some of the leading financiers and financial institutions in the United States requesting an opinion on Mr. White's loan, and the replies received in every case were extremely flattering to Mr. White, all admitting that the loan was a very successful

for the loan. The \$25,000,000 one-year notes were offered to the public at 100 and interest and are to-day quoted at 99 13-16 @ 99 15-16, while the two-year notes were offered at 99 1/2 and interest and are quoted at 99 7/8 bid and 100 asked. With reference to the new British Government issue, it is not by any means certain that the rate will remain permanently at 4 1/2 per cent. The new issue is now quoted at a discount, and the Government has bound itself that if future issues shall be at a higher rate the holders of the present issue shall have the right to exchange their holdings and get the same rate.

"Very truly yours,
 "J. SEIBERT, JR.,
 "President and Editor,
 "Com'mer'l & Financial Chronicle."

Speaks for Itself.
 Mr. Geo. F. Baker, Vice-President of the First National Bank, New York, writes:

"Dear Sir,—In reply to your letter of the 14th we would call your attention to the fact that we were one of the issuing houses for the \$45,000,000 Dominion of Canada loan recently placed in the United States. This fact alone would seem to answer your questions as to whether in our judgment there could be any proper criticism.

"Very truly yours,
 "GEO. F. BAKER,
 "Vice-Pres. First National Bank."

Childish Talk.
 W. P. Hamilton, editor of the Wall Street Journal, writes as follows:

"Dear Sir,—Your letter followed me on my summer vacation or I should have taken the matter up sooner. I was surprised to see that some of the Canadian papers were disconcerted with the terms of the \$45,000,000 government loan floated here. As a matter of fact, Canada made a better bargain than could have been expected, and has established a successful credit here within one-half of one per cent. of that of Great Britain. What more could a belligerent ask? The talk of floating the loan at four and a half per cent. is childish. Anybody who knows the costs of underwriting could tell these critics that Canada would be worse off with a failure at four and a half per cent. than with success at five per cent.

"It would be invidious for me to reflect upon the unpatriotic character of these criticisms. They only tend to embarrass inevitable future borrowing. I gravely doubt if any colony of the British Empire could now make a loan on terms as favorable. This is no time to embarrass your Minister of Finance. I assume that criticism is sheer ignorance and not the cheapest kind of party politics, although there is an implication of the kind which I prefer to dismiss with contempt.

"You are at liberty to make any use of this you see fit.
 "Yours sincerely,
 "W. P. HAMILTON,
 "Editor,
 "The Wall Street Journal."



HON. W. T. WHITE,
 Minister of Finance.
 Sketch by McConnell.

flotation and the money secured on exceptionally favorable terms.

In order that the public may become seized of the facts of the case we append below a few of the opinions received by the editor of The Kingston Standard from the great financial authorities of the United States:—

Canada's Credit Good.
 Mr. A. Barton Hepburn, ex-Controller of the United States, and for years President and now Chairman of the Chase National Bank, with its high deposits of millions, wrote as follows:

"Dear Sir,—The credit of the Canadian Government is deservedly so good and it has been able to borrow money so cheaply in the past that I am surprised that the recent loan negotiated should be criticized by the rate of interest. Such criticisms are unwise and unjust, and indicate an improper knowledge of the financial situation both at home and abroad. To begin with the credit of the Dominion Government is being utilized to a much greater extent nowadays than has been the case heretofore. In connection with your railroad development, the Dominion has become the guarantor of a very large amount of railway bonds, and its guaranteed obligations are selling at a much higher rate of interest than was paid upon the loan recently negotiated here. England could not duplicate that loan in New York to-day; were she to borrow, she would have to pay a higher rate of interest. Neither could any other European Government. Our investing public are not used to the obligations of foreign Governments, and they would be hard to place with the investing public. We are accustomed to the obligations of the Dominion and its various Provinces, and such are easily placed with our people who are seeking income-producing investments. As a matter of fact, Canada placed her loan at the best obtainable rate, and no other Government in the world could have done better, nor as well.

"Very truly yours,
 "A. BARTON HEPBURN,
 "Chairman."

Very Fortunate Indeed.
 Mr. J. Seibert, Jr., President and Editor of The New York Commercial and Financial Chronicle, one of the greatest financial publications in the country, wrote:

"Dear Sir,—The Canadian Government must be considered as having been very fortunate in the terms it obtained for the new \$45,000,000 loan. The most convincing testimony that the terms were the very best that could be got is furnished by the course of prices

Mr. Geo. F. Baker, Vice-President of the First National Bank, New York, writes:

"Dear Sir,—In reply to your letter of the 14th we would call your attention to the fact that we were one of the issuing houses for the \$45,000,000 Dominion of Canada loan recently placed in the United States. This fact alone would seem to answer your questions as to whether in our judgment there could be any proper criticism.

"Very truly yours,
 "GEO. F. BAKER,
 "Vice-Pres. First National Bank."

MAY MAKE HEAVY CANNON IN CANADA
One Practical Result of Sir Robert's Visit to Britain.

While in England Sir Robert Borden and Sir Sam Hughes discussed with the Imperial Government the manufacture of heavy artillery in Canada. Since their return they have consulted with leading Canadian manufacturers, financiers, and transportation men the possibility of establishing such an industry. At the conference in Ottawa one hundred of the leaders in Canadian industrial and financial work were present.

The British War Office is prepared to order between 2,000 and 3,000 heavy guns of different calibres in the Dominion, delivery to be made within two years. The question is whether Canadian manufacturers could handle the order as they have handled the orders placed here for shells. The War Office requirements were laid before the meeting by General Mahan, the expert who came over with Mr. D. A. Thomas. His proposition was that the different parts of the guns be manufactured in the Dominion, and the assembling done at some central point.

The whole question was finally referred to the following committee for a report to the Government: Sir John Gibson, Chairman; Messrs. Frederic Nicholls (Toronto), W. D. Robb (Grand Trunk Railway), Hector McInnes (Halifax), F. L. Wanklyn (C. P. R.), Sir Lyman Jones, Sir William Mackenzie, Senator Edwards, Mr. R. W. Blackwell (Montreal), James Young (Dundas), George Burn (Ottawa), J. Chaplin (St. Catharines), Mr. Miller, (Canadian Vickers Company), and Mr. F. P. Jones (Montreal).

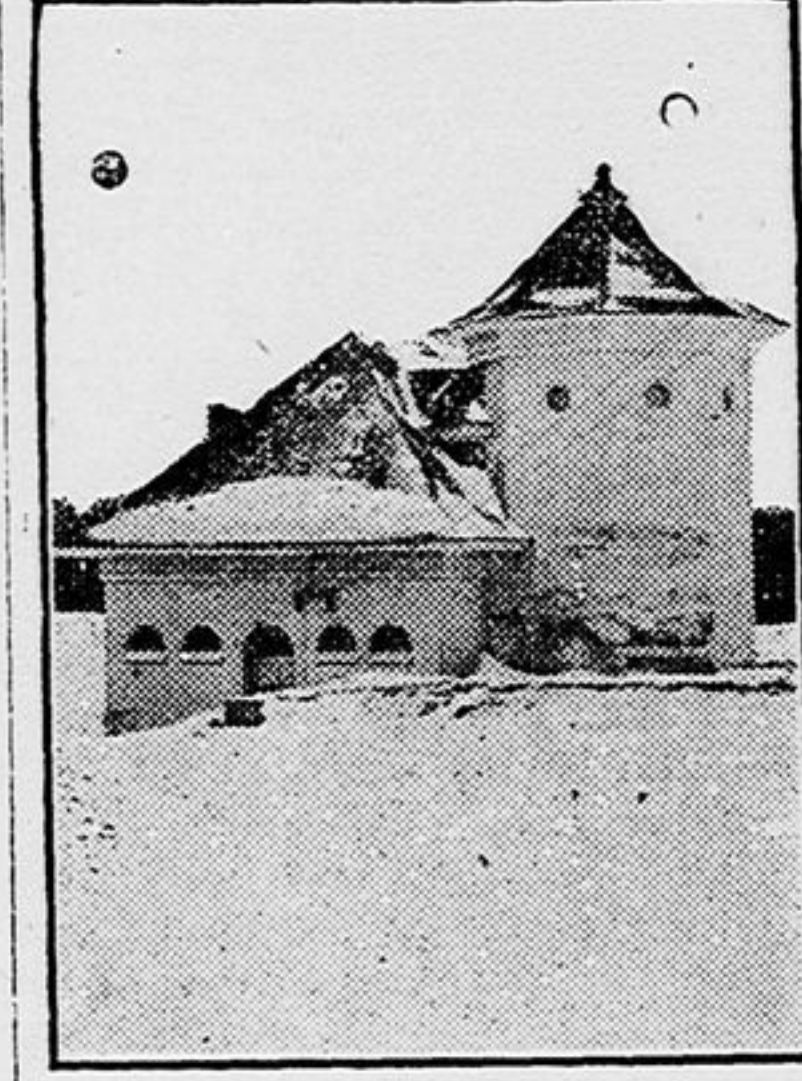
Scientific Farming

ELECTRIC POWER AND LIGHT.

Many Farms Here and Abroad Are Served by Lines From City Stations. By FRANK KOESTER. [Author of "Electricity For the Farm and Home."]

Many farms are served by lines from city or other electric stations, and in many of the states the long distance transmission lines of numerous hydro-electric plants pass through farming communities more or less populated. These systems are usually of high tension, varying from 13,000 to 60,000, even as high as 150,000 volts. These high voltages are not used directly in motors, but must be reduced by transformers to a suitable value, depending on the nature of the purpose to which the motor is to be applied. Likewise for use on farms and in country residences a transformer must be had to furnish a supply of current at a low voltage value for local distribution.

Where large tracts are to be covered on a single farm practice has proved that a voltage of about 13,000 is



POWER STATION ON A FARM IN NEW YORK STATE.

most suitable, intermediate stationary or portable transformers being used to step the voltage down to that desired on the motors of the plows, thrashing machines, etc.

It is generally recognized that central stations and public utility companies are the best sources of supply from which to draw electricity, owing to their reliability, cheapness and convenience.

When the user, however, is located beyond the reach of the distributing lines of central station companies it is necessary to install an isolated plant to supply light, heat and power, and such a plant is a much more profitable investment than the installation of other kinds of power, such as individual gas, oil or steam engines, to operate the different farm machines.

For the purpose of generating electricity in isolated plants various forms of power are utilized, depending on the locality and the source of fuel or water supply.

A practice much adopted abroad, particularly in Germany, where the government encourages electrically operated farms, is to install rural central stations for the purpose of supplying a number of farms, rural industries, country residences and estates with electric current. By establishing such a station, with either a steam, water, oil or gas plant, a great saving in the production of electric energy may be readily secured. Today in Germany often as high as 100 to 150 consumers are supplied with electric energy from a single rural central station such as have been installed in great numbers within the last fifteen years.

In northern Italy and throughout Switzerland also there is considerable use of the electric energy in agriculture and by small rural communities. A network of distributing lines has been formed, drawing energy from numerous and scattered sources of hydro-electric power, which are, however, interconnected. The Swiss and Italian land proprietors and small farmers throughout western Europe have taken in large numbers to the use of electric light and electric power.

Many of the German farmers carry on industries in connection with their farms, whereby they utilize their by-products, and this is the secret of the success of many well to do men. For instance, one rural central station system may serve four grist mills with five motors, having a total capacity of 105 horsepower, one tile works with a 40 horsepower motor, one sawmill with a 20 horsepower motor, four wheelwrights with motors consuming 16 horsepower and many other industries, such as cabinet making, distilling, blacksmithing, bottling works, etc., which use motors of various capacities. There are also served by the system some twenty consumers for light only, having a total of 243 incandescent lamps and five arc lamps, one railway and freight station with 120 incandescent lamps, one clubhouse with seventy-two lamps and six arc lights, and, in addition to this, two towns are supplied, having a total of 1,692 lamps.

From the above facts and figures it is obvious that electricity can give a new stimulus to agriculture and farming, and at the same time open a new way by which the rural population can be induced to remain on the farm instead of flocking to the cities.

Call at
E. A. ROWE'S
 For all kinds of Bakery Goods
 Cooked and Cured Meats.
OYSTERS AND FRUIT IN SEASON
E. A. ROWE : Confectioner and Grocer

Never Before Such Variety, Style and Quality in Footwear.

This store's showing of Ladies', Men's, Girls' and Boys' Fall and Winter Boots surpasses all efforts of former years. Ladies' Pat. Bals with Black, Brocaded, Tan, Grey and Black Kid Tops. Also special lines brimfull of style and solid wear for Misses and Children. Many New Specials in Men's Pat. and Gun Metal Bals and Blucher Shoes. Splendid values in Heavy Wearing Shoes for Men. Solid Leather through and through—the kind that brings you back for your next pair. Splendid stock of Trunks, Suitcases and Club Bags. Come in and inspect our Hosiery department, where prices are right

Custom Work and Repairing Promptly Attended To
The Down Town Shoe Store: J. S. McIlraith

Special Reduction Sale

In order to reduce our general stock of Dry Goods, Groceries, Ready Mades, Blankets, Sheetting etc., we have decided to make a Special Reduction on everything in stock.

Intending purchases may rest assured of getting even better bargains than we offered last spring. A trial order will convince you. Come in and ask for prices.

S. SCOTT
 Opposite the Old Stand - Durham, Ontario

CLEARANCE SALE OF FIREWOOD AND SHINGLES

- Cedar \$1.50 per cord
- Elm 2.25 per cord
- No. 1 Shingles \$1.00 bunch
- No. 1 Shingles 3.75 square
- No. 2 Shingles .75 bunch
- No. 2 Shingles 2.50 square

TERMS STRICTLY CASH

C. J. Furber & Co.
 Queen Street - Durham, Ont.

FEED FEED

We have a good stock of Corn and Ground Feed on hand, that we are selling in ton lots at the following prices:

- American Corn, per 100 lbs. \$1.60
 - Chieftain Corn Feed, per ton \$30.00
 - Oats Shorts, per ton \$30.00
 - Bran, per ton \$28.00
- Special prices in over five ton lots

If you want good heavy mixed feed try our "Chieftain Corn Feed" it gives good satisfaction

We Are In the Market for Any Quantity of Oats
 PHONES 4 and 26

The Rob Roy Cereal Mills Co.
 Oatmeal Millers.