

Scientific and Useful.

HILLBORN rubbed over with molasses and put around places that roaches and water bugs frequent, is a very effectual poison for them.

If a lamp chimney be cut with a diamond on the convex side, it will never crack with heat, as the incision affords room for the expansion, and the glass, after cooling, returns to its original shape with only a scratch visible where the cut was made.

For watering house plants, take carbonate of ammonia four parts; nitrate of potash (saltpetre) two parts; pulverize and mix well. Put one drachm (one-eighth of an ounce) of this powder into a gallon of rain water. Use this for watering plants. Give them a good sunlight and not too much heat, and plants will keep green and fresh.

A SURE cure for ringworm is found in the use of a wash, prepared by soaking a bit of chewing tobacco, the size of a raisin, with the same quantity of saleratus, in a spoonful of vinegar. Apply the wash, faithfully, for several days, until the skin is restored to its natural state. This remedy never fails, even in cases of open sores, of enormous proportions.

ANTS.—A subscriber sends the following: "Ants were so numerous in my yard that they destroyed my flowers. I poured coal oil in the entrance to their nest, which completely destroyed them. In the winter they came through the hearth and disturbed my cream-jar. I poured coal oil in the cracks of the hearth, and have not seen one since. This was several years ago."

The wicks of kerosene lamps should be changed frequently, or if not too short, washed in strong, hot soapsuds, with some ammonia in the rinsing water. The trouble with poor light from kerosene lamps probably arises from the wicks being full of the sediment of refuse matter which comes from the oil, and that impedes the free passage of the kerosene through the wicks.

DR. DIO LEWIS says cold baths of the skin are good, but it is doubtful if flooding the stomach on going to bed and on rising is not, on the whole, the most profitable form of cold bathing. Costiveness, piles and indigestion are uniformly relieved by this morning and evening cold douche. The quantity must be determined by each one for himself. Two or three swallows will do to begin with, but the quantity will soon grow to a tumbler full; and I have known persons to use much more with marked benefit. If advisably managed, every dyspeptic will be greatly improved by this cold stomach bath.

At this season of the year there are many days when but little work can be done in the field, yet an inclement day can well be utilized in looking after the farm tools, carts, waggons, and the various implements required upon the farm. A coat of paint applied to the wood-work would preserve them for a great many years, and the paint applied to the iron-work would greatly preserve it, but in this case the bearings should not be painted. A coating of lard oil would, however, be found of good service; the bearings would be preserved from rust, and when the machine was brought into use in spring or summer it would run much easier than is allowed to rust all winter. In case paint is thought to be too expensive, petroleum is as good a preservative, though appearance is sacrificed in its use. On a clear day in winter the shingles of buildings might have a coat of whitewash, which would preserve them many years, and though it would not render them fireproof, yet it makes them less liable to take fire.

WARMTH AND CLOTHING.—If we consider how much less closely the round threads of wool or silk can lie together than the flat fibres of flax or cotton, we can readily understand why the absorptive powers of the latter are so much inferior to those of wool, the matted threads of which can take up and retain by capillary attraction a wonderfully large amount of water. But in addition to these many excellencies, the value of wool, especially for underclothing, is still further enhanced by the healthy friction which it exercises on the skin, helping to remove or brush away excreted matter, which might otherwise accumulate and seriously obstruct the pores, and this it does doubtless in virtue of these scales or imbrications, microscopic though they be. There is thus every reason for urging that woollen garments, thick or thin according to the season, should constantly be worn next to the skin, for although silk is no doubt almost as suitable for underclothing, owing to its much greater cost it can never come into general use for such purposes.—From Article by a Government Analyst, in *Cassell's Family Magazine*.

FOUNTAIN'S CLOTHING HOUSE!**FARMERS**

Visiting Orangeville should call and see our stock of NEW TWEEDS and CLOTHS, the largest ever shown in Orangeville, and get one of their reliable suits made to order.

MEN'S, YOUTHS' AND BOYS' CLOTHING

Got up in first-class style at LOWEST POSSIBLE PRICES. Don't forget the place,

B. FOUNTAIN & SON,

THE TAILORS,

Opposite the Gordon House,

ORANGEVILLE.

The National Investment Company

OF CANADA (Limited),

CORNER OF ADELAIDE AND VICTORIA STREETS.

(Eight doors west of Post Office.)

Money to Lend at Lowest Rates of Interest.

WILLIAM ALEXANDER, President. | ANDREW RUTHERFORD, Manager.

THE

British Canadian Loan & Investment Co.

(LIMITED.)

HEAD OFFICE, - - - - - IMPERIAL BUILDINGS,

30 ADELAIDE STREET EAST, TORONTO.

Lends money on Farm, City, Town and Village Property at the lowest current rates of interest, repayable upon the most favourable terms.

Farmers and others wishing to obtain loans would do well to communicate with the Head Office, or call upon the Company's Valuers in the principal Towns and Villages in Ontario and Manitoba.

R. H. TOMLINSON,

Manager.

Nov. 1st, 1881.

PLAIN QUESTIONS.

DO YOU KNOW how to write a good business letter, and the essential points to be kept in view?

DO YOU KNOW how to draw a note of hand? DO YOU KNOW what is required to make it legal?

DO YOU KNOW the difference between Premium and Discount? and

DO YOU KNOW that Merchants have been ruined by not understanding this simple thing?

DO YOU KNOW the force of Compound Interest?

If you cannot fully answer these questions, in the affirmative, do not enter into business, for without such knowledge you cannot transact business intelligently and with that well-grounded confidence which every business man should have in the conduct of his affairs. Enter, therefore, on a course of instruction at the

DO YOU KNOW how to ascertain the rate of Exchange, having sterling or foreign currency given and its equivalent in dollars and cents.

DO YOU KNOW the meaning of the term "General Average?"

DO YOU KNOW how to keep books so as to show your gain or loss?

DO YOU KNOW how to change your books from Single to Double Entry?

DO YOU KNOW the responsibilities of partnership?

BRITISH AMERICAN BUSINESS COLLEGE,

112 to 114 King Street West, Toronto.

School re-opens January 3rd. For circulars and information address the Secretary.

**WILL CERTAINLY CURE**

Coughs, Colds, Hoarseness, Sore Throat, Bronchitis, Influenza, Asthma, Whooping Cough, Croup, and every Affection of the Throat, Lungs and Chest, including Consumption. Sold by all Druggists.

BLACK HORSE HOTEL,

COR. FRONT & GEORGE STS.,

TORONTO.

ALFRED OXFORD, - Proprietor.

TERMS \$1.00 PER DAY.

The most commodious stables in the city for farmers and American horse buyers.

THE Farmers' Friend.

Farmers, when you visit the Queen City, bring your wives and children to

NOBLETT'S CONFECTION HOUSE AND BAKING ROOMS,

55 NORTH YORK STREET, TORONTO.

Where you can get a first-class warm meal at all hours. Beds in connection.

Good Pay! Steady Employment!

THE

Fonthill Nurseries,

LARGEST IN CANADA.

We wish to increase our force of salesmen and give good salaries and steady work to successful men. We give canvassers advance no other firm in the business can offer Good references required. Apply to

STONE & WELLINGTON,

Nurserymen,

TORONTO, ONT.

N.B.—We are now prepared to receive orders for our celebrated new white grape, the "Golden Pocklington," perfectly hardy, having stood without protection last winter 22° below zero uninjured, and the vines are now loaded with fruit. Price for two-year vines \$2 each, \$30 per dozen. One-year vines \$1.50 each, \$15 per dozen. Send for circular. Special terms to parties wanting a large number for vineyard.—B. & W.

HARDWARE.

PARSON'S OLD STAND

House Building & General Hardware.

The largest and best makes of

STOVES!

In the County. 300 selections from. Curmeys, McCaffrys, Etc.

COOKING, PARLOR & BOX STOVES,

TINWARE, LAMPS, Etc.

Steam Fitting and Jobbing attended to with dispatch, and moderate prices. Give me a call.

EDWARD SAWTELL,

ORANGEVILLE.

JOHN SHAW,

General Agent for the

Wheeler & Wilson Sewing Machine

ORGANS AND PIANOS.

Parties visiting Orangeville should call and inspect my large stock before purchasing elsewhere. All kinds of NEEDLES, OILS and SEWING MACHINE REPAIRS kept constantly on hand

Remember the place,

Opposite the Gordon House,

ORANGEVILLE.

FARMS FOR SALE.

A number of Improved Farms in

Amaranth, Monro and Melancthon.

TERMS EASY.

Apply to

J. S. FEAD,

ORANGEVILLE.

TRY

T. STEVENSON'S

NEW

Condition Powder,

For Horses, Cattle, Sheep or Pigs.

If you want your stock to thrive, use it. A trial will satisfy. Sold by the pound or in 25c., 50c. and \$1 packages.

APOTHECARY HALL,
West Broadway, - ORANGEVILLE.

EVANS & ANDERSON.

FARMS BOUGHT AND SOLD.

MONEY TO LOAN.

58 CHURCH STREET.

Teas and Coffees

WHOLESALE TO FAMILIES.

20 per cent. Saved by Buying from us.

CONSUMERS' Wholesale Tea Comp'y,

34 Colborne St., TORONTO.

20 lbs. and upwards sent Express paid to any address in Canada.

HAVE WISTAR'S BALSAM OF WILD CHERRY always at hand. It cures Coughs, Colds, Bronchitis, Whooping Cough, Croup, Influenza, Consumption, and all Throat and Lung Complaints. Fifty cents and \$1 a bottle. Sold by dealers generally.