

Agricultural.

SCIENCE OF FARMING.

BY LINA HARTLEY.

There are four elementary bodies that enter into the growth and composition of plants...

The atmosphere we breathe, and in which plants grow and live, is composed principally of a mixture of oxygen and nitrogen gases...

At the first view it would seem impossible that this apparently small amount of carbonic acid should be sufficient to grow plants...

When we reflect that the atmosphere not only surrounds the earth, but that it is so dense...

It has long been the practice with our people to sow the seeds of certain vegetables in a close vessel...

It may seem a mystery how the leaf of a plant can take from the air the carbonic acid...

From the American Agriculturist. REMARKS ON TOP DRESSING.

The waste caused by the washing by rains and melting snows in my opinion, is the only objection to putting manure on the surface of the soil.

It is sometimes said that politicians and gamblers play into each other's hands for their own private good.

It is a well known fact that the manure which is scattered on the surface of the soil...

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ly hard to bear horses and their loads, no harm will be done, either to the land or team, in the absence of snow.

W. H. STOTMAN. DRILLING IN WHEAT.

We are convinced that putting in wheat with a drill is not only the preferable plan, but that a great saving of seed may be effected by it.

TURNING OUT GRAIN.—We have ever been the advocate of early throwing out grain, and equally so that the grower should avail himself of the first opportunity which may present itself of selling a large quantity.

ATTENTION! SOWING.—It has long been the practice with our people to sow the seeds of certain vegetables in a close vessel...

COMMICALITIES. RYAN GENUS.—A boy, who displayed a long, dangly watch-chain was asked: "What's the time of day, Josiah?"

Well, then, said the genius, "it lacks just about half an inch to eight."

ENRAGED.—We were once amused by the other night, says the Louisville Courier, by the exhibition of Lewis' Pantheon of the Mississippi River...

Plants take from the atmosphere, by their leaves, carbonic acid, a diatomic gas, and accompany it, and restore to it the oxygen that is taken into the lungs of animals...

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A CHRISTIAN ROBERT.—An Edinburgh paper gives the following deplorable news: Early on Monday morning, the residence of the Rev. Dr. Leasham, Glasgow, was broken into, and a quantity of money, with a large quantity of wices, was stolen from his cellar.

Two fishermen travelling together to York, in England, happened to pass by a gallows.

"Barney," said one, "where would you be if the gallows had its due?"

"Path," said Barney, "I'd be walking to York all alone by myself to be sure."

"The Mexicans, it is said, catch a runaway soldier by throwing a lasso.—Ex. Paper.

Very similar to the manner in which old bachelors are taken. They are taken with a Lasso On.—Lynn News.

FRONTENAC A ROGUE.—In the St. Louis Record, it is recently, Alexander McMinis was fined \$5 for stealing wood from the steamer Hannibal, and was asked to "look up" for his honor.

"Can't do it," stammered he, "I don't know where it is." "Are you a married man?" inquired the R. Coroner.

"No,—not exactly so,—so far gone yet."

"Well, I will have to send you to the work house," said the Recorder.

"That's not my business," said the Recorder, "I'm used to it; I'll take you to the work house."

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Fat Cow, 3 year old and upwards 10 0 0

Single Ewe, 1 year old and upwards 7 0 0

Year old Ram 10 0 0

Pair Ewes (see B.—Law) 15 0 0

Pair of Fat Sheep 10 0 0

Breeding Sow, having bred Pigs during 1849. 15 0 0

White Turnips 2 bushels 10 0 0

Best new Double Wagon, made or purchased by the Member or Members of the Society. 15 0 0

Best Fanning Mill, any improved kind, do. 10 0 0

Best Plough, any improved kind, do. 15 0 0

Best new Double Wagon, made or purchased by the Member or Members of the Society. 15 0 0

IMPORTANT to the PUBLIC. EZRA HOPKINS, of West Flamborough (Hamilton P. O.) having for a few months past been acting as Traveling Agent for the WASHINGTON MUTUAL INSURANCE CO., takes the present opportunity of thanking the inhabitants of the Wellington and Huron Districts for the very liberal patronage and encouragement which he has received at their hands; and has now the pleasure of informing them that he is fully authorized to act also for the GENERAL ASSURANCE CO., the former Institution being exclusively devoted to the Insurance of Farm Stock and Buildings, the latter to King risks in Towns, and both on very moderate terms.

The Washington Company offers peculiar advantages to the Agricultural Interest, taking ordinary risks at one per cent, doing an immense amount of business, having a very large cash capital on hand, and promptly settling all claims against the Institution.—Capital, \$348,000; Members, 37,986,—both being daily increasing.

The Genesee Company is intended to insure against Fire in Towns and Villages, and the rates are consequently higher in proportion to the risks being greater; but in consequence of the large amount of business which has hitherto been required than the first payment, for during the past thirteen years the Assessment has only averaged two per cent, although during that term of time the most disastrous fires ever known have occurred.

Summons required by the New District Court, Act, and all other BLANK FORMS used in the District and Division Courts, on and after the 1st of July, 1849. Also, all other BLANK FORMS required on the shortest notice, and at moderate terms.

PLANS AND SPECIFICATIONS. THE Subscriber begs leave to inform the Inhabitants of the District of Huron, and the neighboring Districts, that he has Established himself in Stratford, and is prepared to give Plans and Specifications of Public or Private Buildings, Bridges, and other Works, and will take the superintendance of such Erections, at the most reasonable terms.

AGENCY FOR THE SETTLEMENT OF THE CROWN LANDS, IN THE WELLINGTON & HURON DISTRICTS.

BY LAWS. 1. No animal gaining the first prize year, can take it in the same character the second or any other year.

2. That a Subscriber be only entitled to one prize for Butter and Cheese, or for Grain of the same kind.

3. That Stallions, Bulls, Boars, must have served within the Society's District the season previous to the Show, excepting in case of prostration by extra Prizes, or extra Prizes of the same kind.

4. That all competitors for Prizes must give the Secretary notice of the description of stock or Produce they intend to show, before, or on the day but one, previous to the day of any Annual or General Show.

5. That all stock and produce exhibited, must be on the ground previously at 12 o'clock on the day of show; the Judges will at that hour enter on their duties.

PURIFY THE BLOOD. MOFFAT'S VEGETABLE LIFE PILLS AND PHENIX BITTERS.

The high and varied celebrity which these preparations have acquired for their invincible efficacy in all the diseases which they purify to cure, has rendered the usual practice of putting out only unceremonious, but unworthy of them. They are known by their fruits; their good works testify, for those, and they testify not by the faith of the credulous.

THE LIFE PILLS AND PHENIX BITTERS PURIFY THE BLOOD. A single trial will place the LIFE PILLS and PHENIX BITTERS before the eyes of the afflicted, and the result of the operation of every particle.

DR. W. LEWIS & CO. Sole Agents. Goderich, Jan. 28, 1848.

TWO GOOD FARMS FOR SALE. ONE within 2 1/2 miles, and the other within about 3 miles of Goderich T. C. W. Post. The first is 1/2 T. in 1st Concession Township.

NOTICE. THE Subscriber having RENTED the WAREHOUSE and WHARF belonging to the Messrs. Davenport, of this place, has established himself as a FORWARDER and COMMISSION MERCHANT.

TAILORING ESTABLISHMENT. A. NASMYTH. Returning thanks to his friends and numerous Customers for the Liberal Patronage which he has received during the past year, begs to intimate that he has just received an extensive Assortment of THE LATEST PATTERNS, and is ready to Execute all Orders given to him with care and punctuality as heretofore.

Upper Canada Rebellion Losses. Receiver General's Office. Montreal, 12th March, 1848.

THE HURON SIGNAL, IS PRINTED AND PUBLISHED EVERY THURSDAY BY T. MANNING, EDITOR AND PROPRIETOR.

OFFICE MARKET SQUARE, GODERICH. TERMS OF THE HURON SIGNAL.—TEN SHILLINGS per annum if paid strictly in advance, or Twelve and Six Pence with the expiration of the year.

NEW CHURCH IN STRATFORD. SEALED TENDERS will be received by the undersigned on behalf of the Board of the Huron Church Building Committee, Stratford, till noon of the 31st December next, for proposing materials, &c. Brick, Lime, Stone, Sand, Seasoned Lumber, and Work for the Erection of a BRICK CHURCH, to be built on the corner of the Main and Queen Streets, in the Township of Huron, and County of Huron.

DR. P. A. GODERICH, SEP. ALEXANDER GODERICH, OFFICIAL SURGEON. Nov. 24, 1849.

DR. J. K. GODERICH, WILL attend to the Medical and Surgical Treatment of the Sick, at Goderich, March 8, 1849.

ALEXANDER GODERICH, FASHIONABLE CABINET. Three doors East of W.E.S. August 27th, 1849.

DR. JOSEPH GODERICH, M.D. July 31, 1849.

1,500,000 ACRES FOR CANADA. THE CANADIAN LAND DISPENSAL, about 4000 Acres are situated in the Township of Huron, and County of Huron, and are offered for sale at the price of \$1.25 per acre.

THE SUBSCRIBER in thanks to his friends for the most liberal patronage which he has received during the past year, begs to intimate that he has just received an extensive Assortment of THE LATEST PATTERNS, and is ready to Execute all Orders given to him with care and punctuality as heretofore.

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OHIO W. GODERICH, M.D. July 31, 1849.

FARM FOR SALE. ONLY FIVE MILES FROM GODERICH. Containing 150 Acres, well watered, and well cultivated. The Land is well watered, and well cultivated.

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