

## Farm and Garden.

**WINTER AS A MANURE.**  
There are direct and indirect manures; the direct manures are those which contain the elements of their growth, and others that only feed the plants by action upon other compounds which themselves yield a supply of nourishment. Of this latter class is lime as it is generally used. A good dressing of lime may double the yield of wheat on a field. Now, why is it that it will produce this remarkable increase on some fields, and that too when there is already sufficient lime in the soil to furnish all of that mineral needed by the growing crops for a score or hundred years to come? The soil on which the lime has such a powerful influence, abounds in undecomposed organic matter; the lime decomposes this matter and those compounds that are needed by the growing plants. It is principally the nitrogen compounds that feed the increased production of wheat. The lime was the indirect cause of the greater growth.

**GOOD EFFECTS OF ROOT-FEEDING.**  
I wish to state that my experience in root-feeding differs somewhat from that expressed by Professors Sanborn and Caldwell. In this part of the country cornstalks and straw are mostly fed to cows during the winter season. In addition to these, I feed my milk cows 2 quarts of meal each night, and one cow, which I considered my best, two quarts each morning. To the others in the morning I gave one peck of mangolds cut up. Those that had the mangolds were in a better condition than the one that had corn meal only. In March the mangolds gave out and I gave to each cow four quarts of corn meal daily. They fell off and became quite thin, and I was obliged to give them hay in addition. I have tried feeding calves on mangolds and find them invaluable. Last fall I had a male Jersey calf that was very thin, but soon improved on one peck of mangolds each day and in the spring was much larger than many calves 6 months older. I think cattle are much healthier for being fed on roots, and are in better condition for grass, and consider too low an estimate has been given them in the articles named. I have tried both mangolds and sugar beets, and consider the beets the best, and worth for the purpose at least 15 cents a bushel or \$5 a ton. —[N. Y. Tribune.]

**SHEEP IN WINTER.**  
Two extremes should be avoided in the matter of shelters. One may be insufficient, while the other may be so close as to be unhealthy. The majority of mistakes are with those who shelter insufficiently. In such instances more food is consumed than would otherwise be required, and no corresponding benefits accrue—though the effects upon the sheep are not so unfavorable as those following confinement to improperly ventilated rooms. Another error is found in too close crowding while under shelter. This is particularly objectionable when any considerable number of animals are confined together. While a portion of them may lie down, others are compelled to stand, and through restlessness or fright often trample upon and injure their fellows. The shelters on the sheep farm should be made to increase in size as rapidly as the flock multiplies its numbers.

The water supply should be carefully looked to. A flock of a given number will drink more water in winter than will be needed when on pasture. If such an arrangement can be economically secured, access to water twice a day is better than but once. This for two reasons. 1st, the more timid animals which are likely to be held back in the morning by their stronger fellows, have a chance when the latter are not so eager; and, 2dly, all danger of drinking of cold water is obviated. Use of snow in lieu of water should be forced upon the flock only under the extreme necessity. Stock will live under such circumstances, but satisfactory thrift will not be secured. Ewes in lamb should, as far as practicable, be fed and sheltered separate from the non-breeding animals, as the crowding and more rapid movements of the latter are apt to result injuriously, while such separation makes convenient certain little attentions to which breeding ewes are entitled as the yearling season approaches, and which may be profitably secured to them. Advantage will be found in subdivision of the several ages and sexes into as many smaller lots as circumstances will admit of, as such course lessens the liability to crowding and over-feeding of the expense of the weaker ones. It also brings each animal more directly under the eye of the attendant, who will the more readily detect the first symptoms of deviation from the desired thrift. —[Nat. Live Stock Journal.]

**COLORING KID GLOVES.**—White kid may easily be colored black purple or lilac, with a solution of one part extract of logwood and three parts brandy. Apply with a sponge and rub thoroughly dry, and keep rubbing the hands together so as to soften the gloves.

**WHITE FRUIT CAKE.**—One cup of butter; two of sugar; three and a half of flour; whites of three eggs, the whole of one; one cup of milk, one teaspoonful of soda; two of cream of tartar; over one cup of raisins. Other fruit may be added if desired.

**POTATO CAKES.**—Take potatoes—mashed ones are best, but boiled ones can be mashed—immediately after dinner, before getting too cold; add about an equal amount of flour and a small piece of butter or lard, rub thoroughly together, roll out and cut as for biscuit—not too thick—and bake in a rather quick oven. When done to a light brown, cut open, butter, and eat warm. They are delicious.

**FRUIT JELLY FOR TEA.**—Break up an ounce of the best Russian gum isinglass; boil it until dissolved in a pint of water; add a quart of boiling water and white sugar (to sweeten it to taste); add lemon; strain one-third of it into a deep bowl; put on ice or in water to harden; when firm sprinkle a layer of berries or fruit already sweetened; add half of the remaining jelly; then another layer of fruit and the rest of the jelly. When cold turn out on a dish and if your jelly is clear you can see the fruit.

## THE ONDERDONK PURCHASE.

A section of the residents of Ottawa entertain the liveliest regard for Mr. Onderdonk, the Yankee contractor who purchased the four contracts of the Pacific Railroad in British Columbia. It is not every day a contractor comes to the Capital and lavishly expends money in the princely style. Several weeks before the tenders were received by the Government a Jewish-looking person named Oppenheimer arrived on the scene, and became intimately acquainted with Mayor Mackintosh, of the City. This person subsequently showed to be merely the agent of the prince who was to follow. Oppenheimer, however, knew his business, and before long there appeared in the City a long letter exaggerating the difficulties to be overcome by any contractor who undertook the construction of this work, and the immense capital it required. The avowed object of this letter by the person who wrote it was to deter contractors from tendering for the work, and so cramp competition. Patriotic work this, surely, was for a Tory editor to be engaged in. By-and-bye Mr. Onderdonk appeared upon the scene, a young man of intelligent appearance, bright eyes, and prepossessing manner. A suite of apartments in a local hotel was specially set apart for his use, and entertaining was commenced on a grand scale. Campaigns flowed like water. Private and social dinner parties were the order of the day. Mr. Onderdonk was introduced by Mayor Mackintosh into the domestic circles of leading Conservative politicians. A Cabinet Minister's home was frequently visited; and Mr. Onderdonk taught to dance with his charming daughter. The balls were merry, but the day of tendering came at last. The impression by some strange means had been spread abroad that Onderdonk was merely the representative of Hon. Mr. Mills, a California banker, much as Oppenheimer had been his representative; and it was further whispered that Onderdonk's instructions were to obtain the contracts at any rational cost. Little wonder then that the tenders were away up in the list far from the bottom, while a half dozen Canadian tenders, too sharp for the young American, were nearer the goal. Nothing daunted, Mr. Onderdonk began to spend money more lavishly, and the rivulets of champagne began to increase to a rushing torrent. Mayor Mackintosh, as might be expected, was sitting around the scene, extracting honey from every flower. The lowest tenders for sections A and C were those by Messrs. A. P. McDonald & Co. As twelve gentlemen comprised this firm, they soon became known as the "twelve apostles." The effects of the champagne and Mr. Onderdonk's persuasively golden eloquence was to persuade these gentlemen to sell their contracts. Section B was awarded to a firm composed of Messrs. Jones, Goodwin, Hugh Ryan, and Col. Smith. The latter declares in evidence that \$100,000 was paid by Onderdonk for this contract; and that the money was equally divided between the three, less \$3,000 given as a bonus by the other two contractors to Mr. Goodwin. Section D was awarded to Messrs. Kavanagh & Co., and they sold their contract to Onderdonk for a sum approximated at \$15,000, as it was the least valuable of the four. Five thousand dollars it is said to have been further paid on account of the contract, and that that amount was divided between a Tory journalist, a Civil Service employee, and a third person. These persons, however, are generally credited with having received money for their services generally, apart from this contract. Altogether, it is estimated that Onderdonk for hotel bills, contract purchases, &c., left nearly \$400,000 behind in Ottawa, apart from \$300,000 in securities deposited with the Government. When Mr. Goodwin comes before the Commission for examination he should be closely pressed to state whether a Civil Service employee supplies him with his figures; as rumour generally credits him with having an obscure source of information. Mr. Hugh Ryan should also be pressed in a similar manner; and further, to explain the wonderful interest Mr. Haggart, M. P., takes in his affairs. —[Globe.]

## 1880 NEW FRUITS. 1880

NEW VALENCIAS,  
NEW LAYERS,  
NEW CURRANTS,  
S. ALMONDS,  
WALNUTS,  
FILBERTS,  
CHESSNUTS,  
LAKE SUPERIOR  
TROUT, WHITE FISH & HERRING.

SALT WATER  
HERRING AND CODFISH.

ALSO, A LARGE ASSORTMENT OF  
Teas, Sugars,

And General Groceries;  
CROCKERY, GLASSWARE, AND CHINA.

Dr. PRICE'S Cream Baking Powder.  
Dr. PRICE'S Lupulin Yeast Gems.

Chas. A. Nairn,  
THE SQUARE. 1758

**NOTICE—SEALED TENDERS**  
will be received by the undersigned until Wednesday, the 1st December next, behalf of the county for the following goods supplies, to be delivered at the Gaol from time to time as ordered, viz: Corn, wheat, barley, oatmeal, barley, potatoes, onions, molasses, candles, soap, coal oil, lamp glasses, wicks, pails, brooms, scrubbing-brushes, stove blacking and brushes. Enquire for further particulars at the Clerk's office. The lowest or any tender not necessarily accepted. PETER ADAMSON, County Clerk. 1760-21. 1757

JOHN RALPH  
HAMILTON STREET,  
GODERICH,  
—DEALER IN—

STOVES  
—AND—  
TINWARE.

The subscriber has a complete assortment of STOVES, TINWARE and STOVE PIPES, at

Prices as Cheap as the Cheapest.

Examine the stock and you will be sure to be suited.  
Sheepskins, Wool Pickings, Cotton Rags, Copper, Brass and old Metal taken in exchange for Goods.

1760-3m. JOHN RALPH.

Stoves!  
Stoves!

EAVE TROUGHS and  
CONDUCTING PIPES,  
CISTERN PUMPS,  
LEAD PIPES, &

PLAIN AND FANCY  
TINWARE.

COAL OIL,

WHOLESALE AND RETAIL;  
Coal Oil Lamps, etc., Old Iron, Copper, Brass Wool Pickings and Sheep Skins, taken in exchange.

J. STORY.  
Sign of the Coal Oil Barrel.

"THE CHEAPEST HOUSE UNDER  
THE SUN!"



Saunders'  
Variety Store

AT SAUNDERS' YOU WILL FIND  
The Best Heating Stoves,  
The Best Cooking Stoves,  
The Best Base Burners,

—AND—  
CHEAPER  
than any other dealer in town.

200 STOVES  
TO CHOOSE FROM.

Stoves fitted up without moving any Furniture and no dirt made.

Tin and Galvanized Iron Work  
attended to promptly by experienced hands.

SATISFACTION GUARANTEED.

The usual stock of Fancy Goods, Novelties, Jewellery, Cutlery and Plated Ware.

Crabb's Block, Court House Square. 1757

James Wilson, 1880. Fall Goods! 1880.  
Chemist and Druggist,  
North Side Market Square.

A FULL STOCK OF  
PURE DRUGS

Always on hand. All the standard Patent Medicines sold.  
Physicians' and Family Prescriptions carefully prepared.

1751 JAMES WILSON.  
The Superior  
Savings and Loan Society  
CAPITAL, \$355,000.

MONEY LOANED ON Real Estate by the Superior Savings and Loan Society. Terms favorable to borrowers.  
Office—25 THE GUILD, LONDON, Ont.  
Interest paid to Savings Banks Depositors. H. E. NELLIS.

1751  
THE NEW  
HAIR  
NEW

The crowning glory of men or women is a beautiful head of hair. This can only be obtained by using CINGALESE, which has been proved by analysis to be the best RESTORER in the market. It promotes a healthy growth of the hair, renders it soft and silky, strengthens its roots, and prevents its falling out, and acts with rapidity in RESTORING GREY HAIR  
TO ITS NATURAL COLOR.

Try it before using any other. Sold by all druggists. Price, 50 cts. a bottle. 1751-17.

HOPE  
FOR  
CONSUMPTIVES.

See what Physicians and the People say about SCOTT'S EMULSION OF PURE LIVER OIL AND HYPOPHOSPHITES, as a Remedy for Consumption, Scrofula, and Wasting Affections:  
Messrs. SCOTT & BOWNE: GENTLEMEN—I have prescribed Scott's Emulsion of Cod Liver Oil, etc., in my practice and used in my family. I am greatly pleased with it because of its palatability and the good results that follow scrupulous diseases and pulmonary affections. Respectfully yours,  
IRA M. LANG, M.D., 69 Broadway, N.Y.

GENTLEMEN—For the last fifteen months I have used your Emulsion of Cod Liver Oil, both in hospital and in private practice, and have been greatly pleased with its effects. It is better borne and can be taken for a longer time than any other preparation of Cod Liver Oil. In Consumption and children's diseases I have found it especially valuable.

JOHN A. O'NEILL, M.D.,  
Physician, Louisville City Hospital.  
Messrs. SCOTT & BOWNE: I have used Scott's Emulsion of Cod Liver Oil in various instances and I am very much pleased with its effects. It is well assimilated, and rapidly improves the nutrition and flesh. I consider it the best Emulsion I have ever used.  
H. E. HAYDON, M.D.,  
Indianapolis, Ind.

SCOTT & BOWNE: I have given your Emulsion of Cod Liver Oil, &c., to a very young child for weak lungs and cough. I can say I think it a little remedy for weak lungs and cough. I can say I think it a little remedy for weak lungs and cough. I can say I think it a little remedy for weak lungs and cough.

SCOTT & BOWNE: I felt it my duty to let you know the benefit I have derived from the use of your Emulsion. I had a very bad cough for years, and on consulting Dr. J. E. Gersuch of this city, he informed me that my lungs were diseased, and prescribed Scott's Emulsion with Hypophosphites. After taking two bottles, I began to improve very much. I continued using it until I had taken ten bottles, and now am as healthy a man as there is in the city of Baltimore. When I began using it I weighed 145 pounds. I now weigh 180 pounds.  
Yours truly,  
G. A. BIEDERSTADT,  
Galveston, Ind.

SCOTT & BOWNE: I thought I would write to you, as I saw a notice upon your bottles of late upon its long continued use. This has proved to me that the Emulsion is a reliable aid made no use of any treatment. My husband applied for your Emulsion of Cod Liver Oil; he has bought twenty-six bottles and it is restoring me to health, beyond the expectations of hundreds expecting to hear of my death every day. I should like to take it for a year, when, I think, I will be perfectly cured.  
Yours with respect,  
For sale by druggists at \$1 per bottle. 1751



THE GREATEST WONDER OF MODERN TIMES!—The Pills Purify the Blood, correct all disorders of the Liver, Stomach, Kidneys and Bowels and are invaluable in all complaints incidental to Females. The Ointment is the only reliable remedy for Bad Legs, Old Wounds, Sores and Ulcers, of however long standing. For Bronchitis, Diphtheria, Coughs, Colds, Gout, Rheumatism and all Skin Diseases, it has no equal.

BEWARE OF AMERICAN COUNTERFEITS.—I most respectfully take leave to call the attention of the Public generally to the fact that certain Houses in New York are sending to many parts of the globe spurious imitations of my Pills and Ointment. These frauds bear on their labels some address in New York. I do not allow my Medicine to be sold in any part of the United States. I have no Agents there. My Medicines are only made by me, at 333 Oxford Street, London. In the Books of directions affixed to the spurious make is a caution warning the Public against being deceived by counterfeits. Do not be misled by this audacious trick, as they are the counterfeiters they pretend to denounce. These counterfeits are purchased by unprincipled Vendors at one-half the price of my Pills and Ointment and are sold to you as my genuine Medicines. I most earnestly appeal to that sense of justice which I feel sure I may venture upon asking from all honorable persons, to assist me, and the Public, as far as may lie in their power, in denouncing this shameful fraud. Each Pot and Box of the Genuine Medicine bears the Holloway's Pills and Ointment, "engraved thereon. On the label is the address, 333 Oxford Street, London, where along with my name, the words "Holloway's Pills and Ointment" bearing any other address are counterfeit. The Trade Marks of these Medicines are registered in Ottawa. Hence any one throughout the British Possessions, who may keep the American Counterfeits for sale, will be prosecuted. EDWARD THOMAS HOLLOWAY, 333 Oxford Street, London, Jan. 1 1879

Colborne Brothers  
Have opened out for the FALL TRADE a Complete Stock of  
GENERAL DRY GOODS.

Special Value in 10c. COTTONS, PRINTS, and WINGIES. A Job Line of DRESS GOODS extra value.

A FULL STOCK OF  
GROCERIES  
ALWAYS ON HAND.

Highest Price Paid for Butter and Eggs.

COLBORNE BROTHERS.

September 2nd, 1880. 1751

NOTICE.  
CLEARING SALE

Having purchased the stock of the GODERICH FOUNDRY & MANUFACTURING COMPANY, consisting of one 40-horse Engine, one 30-horse do., two 5-horse do., new and second-hand Boilers, a lot of Flour Mill Machinery, Plows, Gang Plows, Land Rollers, Straw Cutters, Horse-Powers, Brass Fittings for Engines, Gas Pipe and Gas Pipe Fittings, Cooking Stoves, and a large assortment of castings in general use. The above stock will be sold CHEAP, to make room for the manufacture of other articles. Orders taken for Engines, Boilers, and all kinds of Mill Work. Repairs attended to on the shortest notice. Address

DAVID RUNCIMAN & Co., Goderich 1751

Daniel Gordon,  
Cabinet-Maker and Undertaker.  
Oldest House in the County, and Largest Stock this side of London!

PARLOR SUITES, BED-ROOM SUITES, SIDE-BOARDS, EASY CHAIRS, LOUNGES, ETC., ETC.

Cash Buyers will find it to their advantage to see my stock if they need a good article at close price.  
D. GORDON, West Street, near Post Office, Goderich.

MEDICAL HALL,  
GODERICH.

F. JORDAN,  
Chemist and Druggist,  
MARKET SQUARE, GODERICH.

Wholesale and Retail Dealer in Drugs, Chemicals, Paints, Oils, Dye Stuffs, Artist Colors, Patent Medicines Horse and Cattle Medicines, Perfumery, Toilet Articles, &c.  
Physicians' Prescriptions carefully dispensed. 1751

GEORGE CATTLE,  
Chemist & Druggist,  
Dealer in Pure Drugs and Chemicals, Fancy and Toilet Articles, &c.

Imported Havana and Domestic Cigars, Pipes, Tobaccos, &c.

Physicians' Prescriptions and Family Receipts carefully prepared at all hours.

1751 COURT HOUSE SQUARE.

If You Want Good  
GROCERIES,  
PROVISIONS,  
CROCKERY, or  
GLASSWARE,  
—GO TO—

D. FERGUSON'S  
Hamilton Street, Opposite Bailey's Hotel.

In addition to the ordinary lines of the Grocery and Crockery Trade, I carry a full stock of

Flour, Meals, Pork and General Provisions.

MY MOTTO IS,  
"Fair Dealing and Moderate Prices."

Coal Oil also sold. See my Stock and get my prices.  
Goods delivered to any part of the Town.

17 D. Ferguson.