THE Maritime Farmer.

AGRICULTURE THE TRUE BASIS OF A NATION'S WEALTH

LORAN C. MACNUTT, Editor and Proprietor. FREDERICTON, N. B., WEDNESDAY, FEBRUARY 27, 1889. VOL. X., NO 26

JOHNSON'S ANODYNE LINIMENT FOR INTERNAL —AND— EXTERNAL USE.

Cures Diphtheria, Croup, Asthma, Bronchitis, Neuralgia, Pneumonia, Rheumatism, Bleeding at the Lungs, Soreness, Influenza, Hacking Cough, Whooping Cough, Catarrh, Cholera Morbus, Dysentery, Chronic Diarrhœa, Kidney Troubles, and Spinal Diseases. We will send free, postpaid, to all who send their names, an Illustrated Pamphlet containing information of very great value. Everybody should have this book, and those who send for it will ever after thank their lucky stars. All who buy or order direct from us, and request it, shall receive a certificate that the money shall be refunded if not abundantly satisfied. Retail price, 25 cts.; 6 bottles, $1.50. Express prepaid to any address in the United States or Canada. I. S. JOHNSON & CO., P. O. Box 2118, Boston, Mass. Sold by all Druggists.

THE MOST WONDERFUL FAMILY REMEDY EVER KNOWN.

New York Life Insurance Co'y,

ESTABLISHED 1845.

Condition January 1st, 1888:

Cash Assets,	$83,079,845.00
Surplus,	11,846,793.00
Annual Income,	23,052,787.00
New Risks Assumed,	106,749,295.00
Total Risks in force,	358,935,536.00

H. A. AUSTIN, General Agent for N. B

HENRY G. ESTEY, Agent for York County.

L. P. LaFOREST

Offers BARGAINS in all lines of his business.

TINWARE

in all lines a specialty.

FURNACES AND PLUMBING,

of all kinds. Prompt and satisfactory work guaranteed.

Phœnix Square, North Side, Fredericton

1889. GREGORY'S SEED CATALOGUE 1889.

Come, Fellow Farmers!

It is the good things and the new things you want. Here is a Catalogue full of them! Do you want tested seed, raised from stock selected with extra care, grown from the best strains, got from the originators? I aim to have mine just such. Do you want new varieties that are really good, and not merely novelties? I aim to have mine such. Do you want seed that the dealer himself has faith enough in to warrant? I warrant mine, as see Catalogue. Do you want an exceptionally large collection to select from? Mine is such. Do you want them directly from the grower? I grow a large portion of mine—few seedsmen grow any! My Vegetable and Flower Seed Catalogue for 1889 FREE to everybody. JAMES J. H. GREGORY, Marblehead, Mass.

NOTICE.

NEW GOODS.

JAMES R. HOWIE,

Practical Tailor.

I BEG to inform my numerous patrons, that I have just opened out a very large and well selected stock of NEW SPRING CLOTHS, consisting of English, Scotch and Canadian Tweed Suitings, Fine Corkscrew and Diagonal Suitings, Light and Dark Spring Overcoatings, and all the latest designs and patterns in Fancy Trouserings from which I am prepared to make up in FIRST CLASS STYLE, according to the latest New York Spring and Summer Fashions, and guarantee to give entire satisfaction.

PRICES MODERATE.

Mens' Furnishing Department

My stock of Mens' Furnishing Goods cannot be excelled. It consists of Hard and Soft Hats of English and American make, in all the novelties and Staple Styles for Spring Wear. White and Regatta Shirts, Linen Collars, Silk Handkerchiefs, Braces, Merino Underwear, Hosiery and well selected assortment of Fancy Ties and Scarfs, in all the latest patterns of English and American designs

Rubber Clothing a specialty.

JAS. R. HOWIE,

192 Queen St., Fredericton.

HACYARD'S YELLOW OIL CURES RHEUMATISM

FREEMAN'S WORM POWDERS.

Are pleasant to take. Contain their own Purgative. Is a safe, sure, and *effectual destroyer of worms* in Children or Adults.

HACYARD'S PECTORAL BALSAM CURES COUGHS COLDS HOARSENESS &c.

STOVES —AND— **Steam Engines** FOR SALE.

We have on hand, a very large stock of STOVES, comprising Cook, Cylinder, Close and Parlor. These Stoves are all FIRST-CLASS, and will be sold very low for Cash for the remainder of the year. Also, Four Steel Hot Air FURNACES, which will be sold at a Bargain to close. We have also on hand, two small Steam Engines, one eight and one ten horse power, which we will sell very cheap. All sorts of mill repairing done in first-class style.

GEO. TODD & SON.

Fredericton, July 25—tf.

FEBRUARY, 1889.

Our specialty for this month is CROCKERYWARE, viz.:

Toilet Setts at $1.25;

Toilet Setts at $13.00;

Toilet Setts at a great many prices between.

Just ask to see the Toilet Sett we are selling at $3.00. It is a beauty.

Don't forget that we keep as large a stock of Hanging Lamps and Stand Lamps as ever.

CALL IN

LEMONT & SSON.

February 6

ENGLISH OAK

FALL GOODS,

—IN—

Toast Racks, Biscuit Jars, Salt, Mustard —AND— Pepper Boxes.

The above Goods are beautifully finished, and of Latest Designs, the only Goods of the kind in the City, and will be sold at a Small Profit.

—JUST RECEIVED—

WORK AND GLOVE BOXES IN PLUSH, SOLD AT A LOW FIGURE.

F. J. McCAUSLAND.

Corner Queen and Carleton Streets,

FREDERICTON.

Fredericton, Nov, 6, 1888.

WILEY'S DRUG STORE,

196 QUEEN STREET.

Sponges; Sponge Bags; Mirrors; Hair Brushes; Combs; Florida Water; Perfumes;

—JUST RECEIVED BY—

JOHN M. WILEY,

Opposite Normal School.

October 17

CHASE & SANBORN'S

COFFEES,

Dingman's Electric Soap.
Autumn Leaf Soap.
Benson's Prep'd Corn Starch.
Pure Gold Paste Blacking.
Rising Sun Stove Polish.
Brown and Straw Wrapping Papers.
Pure Gold Flavoring Essences.
Brooms, Pails, Tubs, &c.
"Latherine."
Royal Yeast Cakes.
Royal Baking Powder.

—FOR SALE BY—

A. F. RANDOLPH & SON

Tea and Coffee.

TEAS, in Congo, Souchong, Oolong, Hyson, Peakoe Japan and India.

COFFEES, in Moka, Java, Mixed Moka and Java, Dandelion and Maltavia.

—ALSO—

COCOA, BROMA, CHOCOLATE.

GEO. HATT & SONS.

Notice of Sale.

To JAMES H. CLARKE of Maugerville, in the County of Sunbury, and HANNAH, his wife, and all others whom it may concern:—

NOTICE is hereby given, that by virtue of a Power of Sale contained in a certain Indenture of Mortgage, bearing date the twelfth day of November, in the year of our Lord, one thousand eight hundred and eighty three, made between James H. Clarke (then) of Fredericton, in the County of York, Farmer, and Hannah his wife, of the one part, and Timothy McCarty of the same place, Merchant, of the other part, recorded in Book C No. 2, of Sunbury County Records, pages 339 to 342, there will for the purpose of satisfying the moneys secured thereby, default having been made in the payment thereof, be sold at Public Auction at the County Court House, in the City of Fredericton, in the County of York, on **Thursday, the second day of May, next,** at twelve o'clock, noon, the lands and premises mentioned and described in the said Indenture of Mortgage as follows:

"All that farm or tract of land situate lying and being in the Parish of Maugerville, in the County of Sunbury, and in the year A. D. 1868, bounded and described as follows, that is to say, fronting on the river Saint John forty rods more or less, and bounded on the one side of land owned and occupied by Theodore V. W. Clowes, Esq., and on the other by land owned by Francis Peabody, Esq., and known and distinguished by lot number eighty-three in the Maugerville grant, containing five hundred acres more or less, and being the same lands and premises deeded to the said Timothy McCarty by Charles A. Palmer, a barrister-at-law, by deed recorded in the Sunbury County records in Book B 2 of records, pages 752, 753, 754 and 755, on the eleventh day of May, A. D. 1882," together with all and singular the buildings and improvements thereon and the privileges and appurtenances to the same belonging.

Dated the 26th day of January, A. D. 1889.

his
TIMOTHY X McCARTY,
mark *Mortgagee.*

Witness
A. R. TIBBITS.

BLACK & HAZEN,
Solicitors for Mortgagee.

3mos.

Notice of Sale.

To LAVINIA GELLILAND, of the Parish of Kingston, in the County of Kings, and Province of New Brunswick, wife of ROBERT GELLILAND, and ROBERT GELLILAND, her husband, and to all others to whom it may concern:—

NOTICE is hereby given, that under and by virtue of a Power of Sale contained in a certain Indenture of Mortgage, bearing date the twenty-fifth day of January, A. D., 1881, and made between the said Lavinia Gelliland and Robert Gelliland of the first part, and the undersigned Mary Louise Lyon of the second part, and registered in the Records of the said County of Kings, in Book B, No. 4, pages 502, 503, 504 and 505 of said Records, on the 30th day of June, A D. 1881, there will for the purpose of satisfying the moneys secured thereby default having been made in the payment thereof, be sold at Public Auction in front of the Court House, in the City of Fredericton, in the County of York, on **FRIDAY, the 22nd day of March next,** at 12 o'clock noon, the lands and premises mentioned and described in said Indenture of Mortgage as follows:—

"All that certain piece or parcel of land, situate lying and being in the Parish of Kingston, aforesaid, and known and distinguished as part of lot number eight (No. 8), in the Kingston grant to David Pickett and others, and bounded as follows, namely, commencing at the Knapp Lake Brook, (so called), on the south west line of land formerly owned by David Pickett, deceased, thence following the course of said line until it strikes a cedar post, thence at right angles across said lot number eight (No. 8), until it strikes another cedar post placed on the division line of said lot number eight (No. 8), and the Bates property, thence following the course of said line, until it strikes the said Knapp Lake Brook, thence following the several courses of the said Brook down stream to the place of beginning, and containing eighty acres more or less." Also all the right title and interest of the said Lavinia Gelliland and Robert Gelliland, of, in, and to all that certain lot, piece or parcel of land situate in the Parish of Greenwich, in the said County of Kings, on Hog Island, (so called), lying in the mouth of Bellisle Bay, described as follows: "Beginning at a stake placed on the western shore of said Island, thence along the several courses of said shore up stream, a sufficient distance to make twenty-eight rods at right angles with the side line to a stake placed on the northwest angle of lot No. 3, thence running south fifty-eight degrees, west thirty-five rods, thence south twenty-six degrees and fifteen minutes west to a stake being the north west angle of lot No. 4, in the eastern range, surveyed for John Morrell, thence south sixty-seven degrees east sixteen links to another stake, thence south eighty degrees west two chains and six links to another stake, thence fifty-eight degrees west thirty-one rods to the place of beginning, containing six acres and a half rood, be the same, more or less," together with all and singular the buildings and improvements on each and both of said lots, with all the privileges and appurtenences to the same appertaining.

Dated this seventh day of February, A. D., 1889.

MARY LOUISE LYON,
Mortgagee.

J. A. LYON.
WINSLOW & JORDAN,
Solicitors for Mortgagee.

NOTICE.

APPLICATION will be made at the next ensuing session of the Legislature of the Province of New Brunswick, for the passing of an Act to incorporate the Moncton and Harvey Short Line Railway Connection Company, such road to extend from Moncton to or near the head of Grand Lake, in Queen's County, there to connect with the Central Railway, which will extend to Fredericton, and thence from Fredericton to Harvey, in the County of York, said Act to contain all the usual clauses for taking lands, issuing Bonds, Mortgages, etc., and for the use of the bridge across the Saint John River at Fredericton on legal terms, and for the management of the road and Company's property with all other usual and necessary powers for a Railway Com pany to have.

C. N. SKINNER,
Solicitor.

January 29, 1889—1m.

Executor's Notice.

ALL PERSONS having claims against the Estate of JANE ROGERS, late of the Parish of Douglas, deceased, are requested to present the same, duly attested, within one month from date to my Solicitor, WILLIAM A. QUINN, and all persons indebted to the said Estate are requested to make immediate payment to the above.

BENJAMIN CRUMMER,
Executor.

Douglas, Feb. 6, 1889—1m.

HARVEY'S PHOTOS

In all the Latest Styles.

STUDIO,

164 Queen Street,

FREDERICTON, N. B.

Large Sized Heads a Specialty.

January 16

SEEDS

RENNIE'S SEEDS ARE THE BEST and may be sent by mail to any Post Office in Canada. New Illustrated Catalogue now ready. Containing Description and Prices of the choicest FIELD, GARDEN & FLOWER SEEDS Mailed free. Every Farmer and Gardener should have a copy before ordering seeds for the coming season. Handsomest catalogue published in Canada.

Wm RENNIE, TORONTO

MOLASSES, MOLASSES,

—IN—

Barrels and Hogsheads.

QUALITY CHOICE. PRICE LOW.

500 lbs. Choice Dairy Butter,

JUST RECEIVED AT

W. H. VANWART'S.

Ask For Ayer's

Sarsaparilla, and be sure you get it, when you want the best blood-purifier. With its forty years of unexampled success in the cure of Blood Diseases, you can make no mistake in preferring Ayer's

Sarsaparilla

to any other. The fore-runner of modern blood medicines, Ayer's Sarsaparilla is still the most popular, being in greater demand than all others combined.

"Ayer's Sarsaparilla is selling faster than ever before. I never hesitate to recommend it."—George W. Whitman, Druggist, Albany, Ind.

"I am safe in saying that my sales of Ayer's Sarsaparilla far excel those of any other, and it gives thorough satisfaction."—L. H. Bush, Des Moines, Iowa.

"Ayer's Sarsaparilla and Ayer's Pills are the best selling medicines in my store. I can recommend them conscientiously."—C. Bickhaus, Pharmacist, Roseland, Ill.

"We have sold Ayer's Sarsaparilla here for over thirty years and always recommend it when asked to name the best blood-purifier."—W. T. McLean, Druggist, Augusta, Ohio.

"I have sold your medicines for the last seventeen years, and always keep them in stock, as they are staples. 'There is nothing so good for the youthful blood' as Ayer's Sarsaparilla."—R. L. Parker, Fox Lake, Wis.

"Ayer's Sarsaparilla gives the best satisfaction of any medicine I have in stock. I recommend it, or, as the Doctors say, 'I prescribe it over the counter.' It never fails to meet the cases for which I recommend it, even where the doctors' prescriptions have been of no avail."—C. F. Calhoun, Monmouth, Kansas.

Ayer's Sarsaparilla,

PREPARED BY

Dr. J. C. Ayer & Co., Lowell, Mass.

Price $1; six bottles, $5. Worth $5 a bottle.

OVER 6,000,000 people believe that it pays best to buy Seeds of the largest and most reliable house, and they use

Ferry's Seeds

D. M. FERRY & CO. are acknowledged to be the *largest Seedsmen* in the world. D. M. Ferry & Co's Illustrated, Descriptive and Priced SEED ANNUAL For 1889 Will be mailed FREE to all applicants, and to last year's customers without ordering it. *Invaluable to all.* Every person using Garden, Field or Flower Seeds should send for it. Address

Earliest Cauliflower in existence. PURITAN

D. M. FERRY & CO., Windsor, Ont.

HUMPHREYS'

DR. HUMPHREYS' BOOK Cloth & Gold Binding 144 Pages, with Steel Engraving, MAILED FREE. Address, P. O. Box 1810, N. Y.

LIST OF PRINCIPAL NOS.	CURES	PRICE.
1	Fevers, Congestion, Inflammations	.25
2	Worms, Worm Fever, Worm Colic	.25
3	Crying Colic, or Teething of Infants	.25
4	Diarrhea, of Children or Adults	.25
5	Dysentery, Griping, Bilious Colic	.25
6	Cholera Morbus, Vomiting	.25
7	Coughs, Cold, Bronchitis	.25
8	Neuralgia, Toothache, Faceache	.25
9	Headaches, Sick Headache, Vertigo	.25
	HOMEOPATHIC	
10	Dyspepsia, Bilious Stomach	.25
11	Suppressed or Painful Periods	.25
12	Whites, too Profuse Periods	.25
13	Cough, Cough, Difficult Breathing	.25
14	Salt Rheum, Erysipelas, Eruptions	.25
15	Rheumatism, Rheumatic Pains	.25
16	Fever and Ague, Chills, Malaria	.50
17	Piles, Blind or Bleeding	.50
19	Catarrh, Influenza, Cold in the Head	.50
20	Whooping Cough, Violent Coughs	.50
24	General Debility, Physical Weakness	.50
27	Kidney Disease	.50
28	Nervous Debility	1.00
30	Urinary Weakness, Wetting Bed	.50
32	Diseases of the Heart, Palpitation	1.00

SPECIFICS.

Sold by Druggists, or sent postpaid on receipt of price. Wells & Richardson Co., Agents, 64 Mc. Gill Street Montreal.

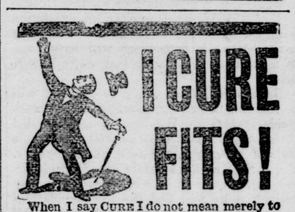
BEST ON EARTH

SURPRISE SOAP

THE GREAT SELF WASHER TRY IT

Send 25 Surprise or Sea Foam wrappers to us and get either the beautiful picture for 1 doz. Surprise lead pencils. For the laundry and general household. A marvel of economy in time, labor and money. Ask your grocer for SURPRISE Soap and take no other.

The St. Croix Soap M'f'g Co., St. Stephen, N. B.



I CURE FITS!

When I say CURE I do not mean merely to stop them for a time, and then have them return again. I MEAN A RADICAL CURE. I have made the disease of

FITS, EPILEPSY or FALLING SICKNESS,

A life long study. I WARRANT my remedy to CURE the worst cases. Because others have failed is no reason for not now receiving a cure. Send at once for a treatise and a FREE BOTTLE of my INFALLIBLE REMEDY. Give Express and Post Office. It costs you nothing for a trial, and it will cure you. Address Dr. H. G. ROOT, 37 Yonge St., Toronto, Ont.

And your crop is safe if you always use The

Steele Bros. Co's SEEDS

Buy them! Try them! Prove them!

Their handsome Illustrated Catalogue, with a beautiful lithographed page of flowers, mailed FREE to all intending purchasers on application by post card. *Send for it to-day;* IT WILL PAY YOU. Tells all about new varieties of Seeds, Bulbs, Vines, Roses, &c., and how to grow them.

Address The STEELE BROS. Co. Ltd. TORONTO

Miscellaneous

Why Laura lost her Beau.

Laura once had an affluent beau,
Who called twice a fortnight, or so,
Now she sits, Sunday eve,
All lonely to grieve,
Oh, where is her recreant beau,
And why did he leave Laura so?

Why, he saw that Laura was a languishing delicate girl, subject to sick headaches, sensitive nerves and uncertain tempers; and knowing what a life-long trial is a fretful, sickly wife, he transferred his attentions to her cheerful, healthy cousin, Ellen. The secret is that Laura's health and strength are sapped by chronic weakness, peculiar to her sex, which Ellen averts and avoids by the use of Dr. Pierce's Favorite prescription. This is the only remedy, for woman's peculiar weakness and ailments, sold by druggists, under a positive guarantee from the manufacturers, that it will give satisfaction in every case or money will be refunded. See guarantee on bottle or wrapper

Some men cut off their heads with their tongues.

He is a rare man of whose work it can be said, well done.

Fresh water always freezes at the surface first. Sea water during calm weather begins to freeze at some point beneath the surface.

Kate Field says the bustle is an invention of the devil. If his Satantic Majesty gets a royalty on each bustle sold, he must be rich by this time.

The great majority of so called cough cures do little more than impair the digestive functions and create bile. Ayer's Cherry Pectoral on the contrary, while it cures the cough, does not interfere with the functions of either stomach or liver.

The St. Louis *Dispatch* wants a law in that State to prevent anyone from blowing a dinner horn except for legitimate purposes and at the dinner hour. They don't take to music in Missouri.

A short road to health was opened to those suffering from chronic coughs, asthma, bronchitis, catarrh, lumbago, tumors, rheumatism excorated nipples or inflamed breast, and kidney complaints, by introduction of the inexpensive and effective remedy, *Dr. Thomas Eclectric Oil.*

A Californian claims to have seen wild geese so thick on a field of wheat that a snow flake could not have passed between them. That's right; tell a whopper if you are going to lie at all.

A Useful Article.

"I can certify to the great usefulness of Hagyard's Yellow Oil. We use it for burns bruises, cuts, sores, rheumatism, sore throat, croup, etc., and recommend it to all as an excellant remedy. T. W. Appleby, Wingham, Ont. All medicine dealers sell Yellow Oil.

There has been no improvement in the shape of the umbrella for the last seventy years, and, it may be added, no improvement in the manner of carrying it. The average person protects his toes and wets his heels.

Most excruciating are the twinges which rack the muscles and joints of the rheumatic. Northrop & Lyman's Vegetable Discovery and Dyspeptic Cure, by promoting increased action of the kidneys, by which the blood is more effectually depurted, removes through the natural channels certain acid elements in the circulation which produce rheumatism and gout. The medicine is also a fine laxative antibilious medicine and general corrective.

Little Johnny (looking curiously at the visitor)—"Where did the chicken bite you, Mr. Billus? I don't see any of the marks."

Visitor—"Why, Jonny, I haven't been bitten by any chicken."

Johnny—"Mamma, didn't you tell papa Mr. Billius was dreadfully hen-pecked? Why, mam'ma, how funny you look. Your face is all red."

Consumption Surely Cured.

To THE EDITOR:

Please inform your readers that I have a positive remedy for the above named disease. By its timely use thousands of hopeless cases have been permanently cured. I shall be glad to send two bottles of my remedy FREE to any of your readers who have consumption if they will send me their Express and P. O. address.

Respectfully,
DR. T. A. SLOCUM,
Toronto, Ont. 37 *Yonge Street*

An American quack doctor sold some liquid on the streets of Paris which he warranted to relieve pain in one minute. Some of those who were not relieved made complaint and he was sent up for a year.

Bootblack—Shine, Sir?

Countryman (sadly)—No, Sonny; them boots ain't been blackened since my poor, dear wife died, six months ago. There ain't much blackin' left on 'em but what's there she put on herself.

MESSRS. C. C. RICHARDS & Co.

Dear Sirs.—I took a severe cold in February last which settled in my back and kidneys, causing excruciating pain. After using several other preparations and being without sleep four nights through intense suffering, I tried your MINARD'S LINIMENT. After the first application I was so much relieved that I fell into a deep sleep and complete recovery shortly followed.

JOHN S. MCLEOD.

LAWRENCETOWN.

It is said that the word "teetotal" had its origin through a stuttering temperance orator, who urged on his hearers that nothing less than "te-te-te-total" abstinence would satisfy temperance reformers. Some one at once adopted "teetotal" as a suitable word, and it sprang into general use.

The Boston *Globe* has offered two prizes to the largest family in New England. A gold watch is to go to the mother and a silver mug to the youngest child. A family of seventeen has been discovered in Holyoke, Mass., and at present stands a fair chance for the prize.

ADVICE TO MOTHERS.—Are you disturbed at night and broken of your rest by a sick child suffering and crying with pain of Cutting Teeth? If so send at once and get a bottle of "Mrs. Winslow's Soothing Syrup" for Children Teething. Its value is incalculable. It will relieve the poor little sufferer immediately. Depend upon it, mothers; there is no mistake about it. It cures Dysentery and Diarrhœa, regulates the Stomach and Bowels, cures Wind Colic, softens the Gums, reduces Inflamation, and gives tone and energy to the whole system. "Mrs. Winslow's Soothing Syrup" for children teething is pleasant to the taste and is the prescription of one of the oldest and best female physicians and nurses in the United States, and is for sale by all druggists throughout the world. Price twenty-five cents a bottle. Be sure and ask for "Mrs. WINSLOW'S SOOTHING SYRUP," and take on other kind. Feb. 13, 1y.

A Furry Arctic Fisher.

Most of the readers of the FARMER have doubtless read some of the many books of Arctic adventures. For nearly three centuries, from the first voyage of Henry Hudson in 1607 to the sad expedition of Lieut. Greely in the present decade, hardy explorers have at intervals pushed boldly toward the North pole, seeking either to find a northwest passage or to learn the physical features of the polar region. Many of the books which tell about these things have pictures of great towering icebergs, or vast fields of "floes" and "hammocks," some of them with ships frozen in. One would naturally suppose that no living creature could inhabit a region so cold and dreary. Yet explorations show that the Arctic region, frozen and desolate as it appears, teems with animal life. Bears, foxes, seals, hares, walruses, musk oxen and other animals of species peculiar to the zone, abound there; the waters are populous with fish of various kinds, and during the brief nightless summer great flocks of migratory birds build their nests and rear their young. The fiercest animal of the frozen zone is the Polar bear. It is, in fact, the largest, and, except the grizzly, the most ferocious of all the bears. The Polar bear sometimes weighs fifteen hundred pounds. Clad in a thick warm fur coat of dingy white, he defies the cold, and is never more unhappy than when taken captive and brought into milder climate for exhibition. Fierce and savage as are Polar bears by nature, they are remarkable for their strong affection toward their mates and young. The old ones will fight for each other to the last, and pitiful stories are told by explorers of the grief shown by mother bears for their dead cubs, while vainly trying to coax them to arise and go with them. The Polar bear lives entirely on animal food—fish flesh or fowl—and it is very ingenious in its methods of capturing seals or other animals. But the season of greatest abundance is in spring, when the salmon are running up the rivers which empty into the Arctic ocean. Then the bears ascend the streams until they find a shallow place or a smaller tributary, where they plunge into the water and seize the fish or throw them ashore by a dexterous flirt of the paw. Besides the salmon of more southern waters there are several species peculiar to the frozen region, one of which, the Arctic salmon attains a length of two or three feet. It is enormously abundant during the running season. Seals feast upon them, and the bears feast upon both the seals and the fish.

Try Not to Cough.

A physician who is connected with an institution which contains many children, says: "There is nothing more irritating to a cough than to cough. For some time I had been so fully assured of this that I recently determined, if possible for one minute at least, to lessen the number of coughs heard in a certain ward in the hospital of the institution. By the promise of rewards and punishments I succeeded in inducing them simply to hold their breath when tempted to cough, and in a little while I was myself surprised to see how some of the children entirely recovered from the disease. Constant coughing is precisely like scratching a wound on the outside of the body; so long as it is done the wound will not heal. Let a person, when tempted to cough, draw a long breath and hold it until it warms and soothes every air cell, and some benefit will soon be received from the process. The nitrogen, which is thus refined, acts as a anodyne to the irritated mucous membrane, allaying the desire to cough, and giving the throat and lungs a chance to heal. At the same time a suitable medicine will aid nature in her efforts to recuperate.

Collie Dogs.

Probably the name collie, or more properly speaking, colley, is derived from the term colly or black, that originally being the color. Their use has always been as a shepherd's or cattle-keeper's dog, and it is from the lonely intimacy of solitary shepherds that the dog has obtained his knowledge of, and affection for man and his ways. Away on the mountains, miles from every one else, the shepherd, with no one to talk to but his dog, has evolved that almost human sagacity which is so great a feature of the collie. Among the better-bred dogs there are two varieties, the smooth and the rough-haired. The latter are more the product of domestication than are the former, for under many conditions the rough-haired variety would be useless. When among the mountains in winter his coat would gather the snow, and be a burden to him rather than a protection. The short, hard coated dogs are to be preferred for work, but are not so handsome as their more profusely haired brethren.

Dogs in the German Army.

It is stated that the result thus far of using dogs as messengers and sentinels in the German army has proved most successful. They have now been in training for a year. During the recent campaign the dog manœuvres of one battalion are said to have been the most interesting of all. The kind found to be the most suitable for this work are the shepherd's dogs. As an instance of what these dogs can do, on one occasion a soldier, taking a dog from the sentinel, went off to reconnoitre. After making his observations he wrote two reports, giving one to a Uhlan mounted on a fast horse, and placed the other in a casket tied to the dog's neck. The latter reached the sentinel first. When it is considered how much smaller an object a dog is than a soldier for an enemy's fire, and how it can run close to the ground, it is not unlikely that dogs may be important auxiliaries.

GOOD-BYE OLD COW.

Good-bye old cow, you've got to go,
Of course 'tis hard to tell you so,
For your forefathers and my own
For ages this old farm have known.

You're lank and flabby—to be brief,
You're fit for neither milk nor beef,
You yield but little at your best,
And then go dry six months to rest.

Your horns are long, your bones the same,
Too little meat for such a frame,
With stomach large and udders small,
The different parts don't match at all.

I looked at you with sad regret
And mourned to think we ever met,
For every wrinkle in your horn
Proclaims of wasted hay and corn.

My neighbor farmers live with ease,
While I wear patches on my knees;
The reason simple, plain and true—
They've kept good stock, while I kept you.

Such common scrubs no more I'll feed,
Henceforth I'll try a better breed.
I plainly see my error now—
You've got to go—good-bye, old cow.

The Horse Sale.

(To the Editor of the Farmer.)

MR. EDITOR:—In behalf of the public benefit would it not be advisable for the Government to have their annual stock sale (or lease) of imported horses at a much earlier date than last year, say the latter part of March, that would enable agricultural societies failing in securing one of the imported horses to secure the services of some other pure bred horse for their district, and by that means shut out some of the scrubs that infest the country. In the past the sale has been too late, for while the societies have been waiting to secure some of the Government stock, scrub horses have been put on the different circuits and secured many of the mares before it has been known whether or not a better horse would travel, and most people would like to have their foals dropped in latter part of March or April than May or June, as that is a very busy season, and foals dropped in July do not generally do as well as if they come earlier, and I feel sure if the Government's attention was called to the fact, they would further the object being striven for.

Yours,
SMALLWOOD.

Gaspereaux, Februry 18, 1889.

FARM NOTES.

More mutton and less pork should be used on the farm.

Growing a boy on the farm is a mighty good foundation preparation of him for any honorable business.

Turnips and other roots should be sliced for cattle, and not chopped, as the chopped roots often choke them.

A farmer says that his sixty-two hens make two barrels of manure in a year, which grew as much corn as a cord of manure did.

Few root crops are more profitable than carrots. They are an excellent food for horses and colts, and they stimulate the flow of milk in cows.

An attempt to grow seedless apples has appearently succeeded. After much trouble there are now two varieties of the coreless kind, both said to be of good size and taste.

Many are under the opinion that fat hens lay the most eggs. This is an error. They should be kept in good condition and no more. If too fat they become lazy and unprolific.

Fruit growing pays in combination with general farming. Fruit brings money easier and the pleasure of its culture is much greater. Good fruit is always saleable and yields profit in greater or less degree.

Of great importance at this season is the manure crop. Every shovelful should go to the heap, not only for the sake of clean and healthful stables, but for the intrinsic value of the manure. Keep all manure piles well made and compact.

Do not waste wood ashes. They are of sufficient value to pay for saving and applying to the soil. When applied to the soil they aid greatly in reducing the organic matter in the soil to its mineral elements, and in setting free abundant nitrogen from it also. Thus, being a valuable plant food, it is also an effective provider of other food substances, without which vegetation could not attain its highest vigor.

Lime is a good disinfectant. It is especially valuable to place in cellars where vegetables have been stored, especially such as have been put in wet or show signs of decay. The past fall was so wet that more than usual attention must be given to cellars to prevent losses. By absorbing superfluous moisture the lime prevents the rising of foul odors that dampness with warmth is sure to generate.

One fact to be born in mind is that the true test of merit in a family, is the ability to reproduce its good qualities, independent of other strains. In an individual, it is the power to transmit the essential qualities that give worth the individual. Because a stallion came from a family than once produced a trotter, there is no added value to the individual. He must stand on his own merits as a producer. In fact it is the average of a family that tells the story with the true worth of individual animals for breeding, whether sire or dam.

Blows and bodily injuries are not the only cruelties perpetrated upon animals. There is a negative or passive cruelty which consists in not doing what conduces to their comfort and well being. Warmth is necessary to the comfort and health of animals, in the rigorous extremes of winter, and protection and shelter are peremptory. When an animal is suffering by reason of cold its owner is suffering in his pocket, usually the most sensitive place, but too often ignored. Food is wasted and substance is lost; every tremor and shiver of the chilled muscles costs money to the owner. Hence it is a true economy to keep the stock warm, especially the young ones.

Trotting Horses with Arabian Sires.

There are several owners of large landed estates in England who are very sanguine as to the advantages of breeding trotters from Arabian horses, and they are now making the experiment. They think that in the third generation, perhaps in the second, they will get a fair proportion of trotters which will be equal to the American, if trained as well, and on as good a track, with equally light harness and vehicles. A breeder reports one of these horses as now trotting six and a half miles in twenty-eight minutes, attached to rather a heavy vehicle with three persons in it. Another has done fourteen miles in fifty minutes. We should consider these excellent performances in America, especially as they were not done on a race track but on a country road. We shall be glad if English breeders prove entirely successful in their efforts, as the Arabians possess the best of feet, ivory-like bones, and tough, elastic muscle. Joined to this they are quite fearless on the road as to gun firing and bands of music, and do not shy, and are very hardy and enduring. The cross of Arabian stallions of the right form and action would be likely to succeed well on trotting mares.—*Am. Agriculturist.*

Individuality of Horses.

The individuality of horses varies as much as that of men. Everyone has a different mental as well as physical make-up. Some horses seem to possess sense, are quick to understand and obey the least sign, motion or word of their master; others are not inaptly termed "lunkheads," always awkward, lumbering about, difficult to teach, and never make anything in a horse-ological sense. It make be true that these traits in a horse are sometimes due to the habits of his driver or owner, and that the horse himself may not be so much to blame for his ignorance, but however much he is excused on this score, there is a surprising difference in these mental qualities of horses. Between a nervous, sensitive and intelligent horse and his considerate owner how large a union of fellowship and sympathy exist. In the stable, on the road, if overtaken by an accident, the cool, sensitive man is sure to have a quick sympathy for his horse. He trusts his master, as his master trusts him. If the master is quiet, the horse will be equally so, knowing everything is safe; if the man blusters, or becomes anxious, or exhibits fear, the horse knows it at once, and becomes restive likewise.

Improved Stock.

It is improved stock, says the *Maine Farmer*, that is telling the story on all our farms. It is this which gives the best size, earliest maturity and greatest value. Improvement must be stamped on everything, if in these **days** of close competition profit is to be realized. Nowhere is this more fully realized than with our horses. They must be better this year than last, and this means a careful selection of the brood mares, a study of the blood lines in mating, more attention to the mares before, at and after foaling, and the most constant possible growth of the colt until maturity, together with the early education in those things which will give greatest value later. In this way advances is made. By a study of these things our herds improve. Purchasers are yearly becoming more and more exacting, and the horse of five years hence must be of finer build, better form, truer action and more complete in all parts than the standard of to-day. This in part is breeding, but feeding and education will have much to do in fixing value.

Rennie's Seed Catalogue.

We have received a copy of the handsomely illustrated Catalogue issued by Wm. Rennie, the well-known seedsman of Toronto, and it is certainly the most complete publication of the kind which has reached us this season. Mr. Rennie offers a genial list of Vegetable, Flower and Agricultural Seed, Seed Grain and Potatoes, and in addition to a large collection of standard varieties, has a number of sterling Novelties, which are worthy of a trial from our patrons. The Catalogue will be mailed free to all upon application to WILLIAM RENNIE, Toronto.

Long confinement of any animal that has the ability to move freely is a severe strain on its nervous sytsem, and most severe in the case of a horse, which is naturally the most active of our farm animals; and as the temperament of the young largely depends upon the nervous condition of the dam during pregnacy, and the value of the horse more than of any other farm animal is affected by its temperament, we see that depriving the mare of exercise may take much from the value of her foal. The foal can not be fully developed unless the mare has proper exercise; but the other extreme of violent or sudden exercise must also be avoided.

There are very farms but which could be bettered in some way, and it should be the aim of every owner to make each year some permanent improvements thereon. It matters not whether the farm is large or small, the value may be greatly enhanced by making additions in the way of buildings and fences, the planting of valuable fruit and other ornamental trees, the clearing of land, cleaning old fields and fence-rows of bushes, and by adopting other measures to render the premises more attractive and the soil more productive,

The farmer who thinks there can be nothing new in agriculture should remember that thirty or forty years ago his grandfather thought the same way. It is a fact agriculture has made more advancement during the past ten years than in any other ten years of the world's history.