Agriculture.

THE HORSE STABLE should be capacious, well-ventilated, but warm, well-lighted, and so situated as to be free from dampness. Stables are not unfrequently built over cellars or depressions in the soil, which receive the manure, and are often partially filled with water. The constant evaporation from this pond keeps the entire stables damp and chilly, and thus in an excellent cond tion for causing founder, rheumatism, lung fever, colic, and other diseases in the poor, exhausted creatures, whose uncomfortable nights must be passed here.

The stalls should be as wide as circumstances will allow, but never less than five feet, in order that the horse may have room to lie in an easy, unconstrained position, and rise without any danger of bruising the points of his

The floor upon which the horse stands should be as nearly level as possible. and if it must be inclined to carry off the water, it would probably be more agreeable to the horse to have his fore feet the lowest, as his back sinews are less tense in this position; and it is observed that for this reason horses in pasture usually stand with their fore feet in a hollow which they have excavated by stamping.

The English method of having a grate over a drain in the centre of the stall, is an excellent one.

Another good plan is to lay a double floor, the under one with an inclination of three inches, and the upper one of planks four inches thick at one end and one inch at the other, placed about one inch apart. In this way the standing-place is perfect, and the draining perfect.

The edge of the manger should be protected by a strip of band iron, both that it may not be destroyed and that the horse be not tempted to acquire the vicious habit of cribbing.

The best mode of fastening a horse in a stall is the English one of attaching a light weight to the end of the halter, and allowing it to run up and down under the manger, which should always be boarded in front from the floor up. By this arrangement the horse enjoy's sufficient liberty, and yet has no chance of getting cast by stepping over his halter.

ABOUT EGGS .- It has been ascertained that the ovarium of a fowl is composed of 600 ovules or eggs therefore a hen, during the whole of her life, cannot possibly lay more than 600 eggs, which, in the natural course, are distributed over nine years, in the following proportion:

First year after birth.... 16 to 20 Second year after birth 100 to 120 Fourth year after birth 100 to 115 Fifth year after birth...... 60 to 80 Sixth year after birth..... 50 to 60 Seventh year after birth...... 35 to 40

Eighth year after birth...... 15 to 20

Ninth year after birth...... 1 to 10

It follows that it would not be profitable to keep hens after the fourth year, as their produce would not pay for their keeping, exept when they are of a valuable and scarce breed.

Fattening swine need a dry bed entirely sheltered from cold winds. Their apartment should be well ventilated, sweet and clean, and if their food is slightly soured they will fatten faster upon it, and their flesh will be whiter and more delicate. In fattening sheep their food should be so prepared as to require as little labor from the animal as possible in eating it.

A professional apiarian reports that he gathered 5,000 pounds of honey in thirty-six days from forty hives of his Italian bees.

One farmer in California during last season trapped and skinned 30.000 squirrels, selling the skins for making gloves, at 15c each.

California is going into the tree business in earnest. It has hired a State tree-planter at a cost of \$15,000 a year and expenses. Date VIUA

One thousand unassorted California horses were sold at Ilos Angelos lately at eight dollars per head, to be driven to Montana.

All house-plants are better for being watered with water severel degrees warmer than the atmosphere in which they are grown.

Feed your land before it is hungry, rest it before is is weary, and weed it before it is foul.

Scientific.

MISMANAGED WORK.

That wheel on the car is not hot because it rolls faster than the other wheels, nor because it is weaker, or stronger; -but because its journal was not packed as well-because some unusual friction has heated it. Here is a sewing machine with which a woman has used thread enough to baste the two hemispheres together at the equator, and reach to the north pole and yet it has needed little repair as it has sung the dollars together with monotonous buzz. Here is another that is returned, broken in pieces, and ridically injured. Lack of lubrication, misfeeding or guiding, caused an injury, and then it has been up-hill ever since, until it has become absolutely worthless.

Men are worked in precisely the same ways. A man can not run his body and leave his mind behind without harm; nor his mind and leave his body in the lurch; and neither can he keep his body and mind at work, and fling his soul out to the dogs. False work, misjudged and misguided work is the crime of the day. No mechanic shall fail in muscle, nor in skill, if he will fertilize his mind as he goes along, and keep a window in his soul open to good. No business or professional man shall waste in body, or waver in mind, At Annap lis, St John, N. B., and Portland if he will proportion his intellectual and ious obtigations. - Rev. W. A. Bartlett in Chicago Pulpit.

THE LARGEST CLOCK .- The large the sum subtract the time of rising. clock at the English Parliament House is the largest in the world. The four dials of this clock are twenty two feet rising next morning in diameter. Every half minute the roint of the minute hand moves nearly seven inches. The clock will go eight and a half days, but it only strikes for seven anda half, thus indicating any neglect in winding it up. The mere winding up of the striking mechanism takes two hours. The pendulum is fifteen feet long; the wheels are of cast iron; the hour bell is eight feet high and nine feet in diameter, weighing Measure, without extra charge. nearly fifteen tons, and the hammer alone weighs more than four hundred pounds. This clock strikes the quarter hours, and by its strokes the short hand reporters in the Parliament chambers regulate their labors. At every stroke a new reporter takes the place of the old one, whilst the first retires to write out the notes that he has taken during the previous fifteen

PERMANENT WHITEWASH. - Permanent whitewash for out-door work can be made as follows: Slake half a bushel of lime in boiling water, and keep covered until completely slaked; strain it, and add a peck of salt dissolved in hot water, three pounds of ground rice boiled to a thin paste, half a pound of Spanish white, and a pound of white glue previously dissolved in hot water; mix all these materials together, and add five gallons of hot water, and let the wash stand for a few days. It must be applied hot with a common paint-brush. Coloring matter. excepting alts of metals, may be added to produce any desired shade. Colored earths have no chemical effect on this wash.

REPLANTING A TOOTH .- We cannot feel that the operation is a pleasing THE STRUER PARTY. one to contemplate the replanting of a tooth - but the thing has been done. and is a triumph of surgical skill. When the tooth is loose and painful, with swelling at the gum it is taken out, the diseased parts scraped from the roots, while the healthy part of mucous membrane attached to the neck of the tooth are not removed. It is then washed in carbolic acid. The socket from which the tooth is drawn is also cleansed, the tooth replaced, and in many instances takes root, and in a fortnight becomes as serviceable as the other teeth. This is a remarkable illustration of vital force. This is no new process. A letter is extant, addressed by Washington to a friend, who had some knowledge of this opoperation, asking his advice as to whether to submit to it. It will be remembered that Washington lost his teeth long before his death, as his later portraits testify, and at the same

A flock of 120 Cashmere goats have been imported into Utah, and Cashmere shawls are to be manufactured there.

HALIFAX, N. S., MAY 8, 1872.

MESSENGER ALMANACH.

MAY, 1872.

New Moon, May 7th, 9h. 4m morning. Fust Quarter, "15 h, 11h, 51m, morning, Full Moon, "22nd, 6h, 54m, afternoon, Last Quarter, 29th, 9h, 58m, morning,

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29	W.	4	23	7	32	1	8	6	10	11	12		A.	33
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THE TIDES .- The column of the Moon's Southing gives the time of high water at Parrsboro'. Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Ha ifax. Maine, 3 hours and 25 minutes later, and at St. John's, Newfoundland 20 minutes earlier, physical toil, and not forget his relig- than at Halifax. At Charlottetown, 2 hours 56 minutes later. At Westport, 2 hours 54

FOR THE LENGTH OF THE DAY .- Add 12 hours to the time of the sun's setting, and from

FOR THE LENGTH OF THE NIGHT -- Subtract the time of the sun's setting from 12 hours and to the remainder add the time of

Hats and Caps.

WE have now on hand a full Stock of all kinds, including the

NEWEST STYLES,

to which we invite the attention of our friends,

Wholesale and Retail.

Our prices are as low as any in the city. Silk Hats made to order by Conformateur EVERETT BROTHERS,

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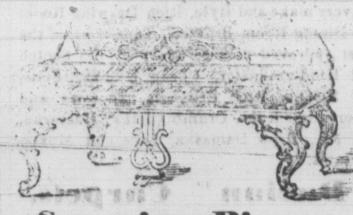
GENTLEMEN'S DRESS MATERIALS,

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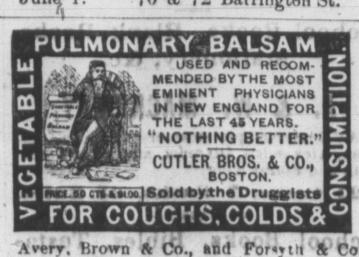
IN VARIOUS STYLES

UPRIGHT, OBLIQUE, SQUARE, Fix. With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate. An assortment of

A very fine toned CABINET ORGAN by Carhart and Needham, N. Y.

The above are offered to a discriminating public at moderate prices,

WM. FRASER & SONS, 70 & 72 Barrington St.



Nov. 8. 6m. WASTED IMMEDIATELY.

200 Active Intelligent canvassing Agents three or four in each County of the Maratime Provinces, business honorable respectable, and lucrative. For further par-

respectable, and to ticulars apply to ROGERS & BLACK, Amberet, N. Amherst, N. S. Amherst, Feb. 15, 1872. Feb. 21.

INFORMATION WANTED.

TR. WILLIAM ABBOTT is desirous of as-M certaining the whereabouts of his son JAMES ABBOTT whom he left in Nova Scotia about two years ago. Any person having a knowledge of him or where he is now living will greatly oblige by giving information to Mr. Richard Abbott, 146 Grafton Street, Halifax. or by corresponding either with him, or the subscriber, Mr. William Abbott, care of Mrs James Norton, Port William, Cornwallis. M roh 20

四面龜頭輪頭 NOVA SCOTIA RAILWAY.

WINTER ARRANGEMENT, 1871-72.

To take effect on Monday, 11th of December, 1871.

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Stares connect at Truro with morning train for Amher-t, connecting there with the Intercolonial Railway and with E. & N. A. Railway to St John, N. B., and with Stages for Pugwash, Wallace and Tatam gouche. Connections are made at New Glasgow will

Stage Line for Antigonish, Strait of Canco. Sydney, Cow Bay and Sherbrooke. The steemers of the P. E. I. Navigation Company connect with Trains at Picton for Charlottetown, and other ports in P. E. Island. and for Hawkesbury and Port Hood, Cape Breton, and with the Quebec and Gulf Ports

Through connections are made with the Windsor and Aunapolis Railway at Windsor, with the steamer "Empress" at Annapolis for St. John, N. B., and with the steamers of the International line to Eastport, Portland and Boston, and all parts of Quebec and

Through tickets issued at A. & H. Creigh ton's, Hoths Street, Halifax, and at the Rail way Ticket Office, Richmond.

GEO. TAYLOR. Genl. Supt.

Railway Office, 6th Dec , 1871.

NOVA SCOTIA Boot & Shoe Factory

(North-end of Provincial Building.)

THE Subscriber begs respectfully to intimate to his Friends, and Public generally, that having fitted up his Establishment with the Latest and most Improved Machinery.

and having secured a STAFF OF FUPERI ARTIZ NS, he is now in a position to mas

BOOTS AND SHOES,

Which for VARIETY, QUALITY, STYLE, FINISM AND CHEAPAESS cannot be excelled by any goods offered in this market, whether Dominion, English or American. BOOTS AND SHOES, at all Prices

BOOTS AND SHOES, in all sizes. BOOTS AND SHOE' made after the latest French, English and American designs. Examine for yourselves, con pare with other Goods, and if found worthy, encourage Home Manufactures.

WHOLESALE BUYERS Will find our Terms Liberal, and we assure them that their interests will receive our best

GEORGE S. YATES.

Halifax, N. S., April 24, 1871.

May 3 77 11 A Privile dit vi

COTTON WARP.

THE COTTON YARN. Manufactured at the NEW BRUNSWICK COTTON MILLS,

Has the names of the mills and our name on a printed label on the end of the bundle. WHITE, RED and ORANGE YARN is put up in BLUE paper

WM. PARKS & SON.

N. B .- Cotton Mills, St. John, N. B., Aug. Jan. 3.

To Parents and Sabbath School Teachers. JUST PUBLISHED.

SECOND EDITION-REVISED.

A SCRIPTURE CATECHISM, for the Family, the Bible Class, and the Sabbath School,

BY S. SELDEN. Price 8 cents or \$6.00 per 100.

AGRICULTURAL IMPLEMENTS.

The perfection of Mowers.

The Meadow King Mower introduced into Nova Scotia last season, by James P. Dodge, is the most perfect Mower ever invented, it will Mow where every other and has been clogged the Knives will run in any position, either horozonta or terpendicular. A cample Ma. chine can be seen at the Subscribers, who is SOLE AGENT for X ova Scotia.

JAMES P. DODGE. Middleton, Annapolis Co. April 13

GRANVILLE STREET. 99

PER S. S. " NORTH AMERICAN." Black Velveteens, BLACK MANTLE VELVETS. Black Silks,

BLACK MALTESE LACES. Black Crapes, BLACK VELVET RIBBONS.

Black Coburgs, BLACK PARAMATTAS

A new and beautiful make of BLACK QUADRUPLE CRAPE. By steamers to sarrive in a few days, we

shall have a large part of our Spring Stock. SMITH BROS.

LIFE OF MAN BITTERS. FROM THE

Roots and Plants of Nova Scotia,

formerly manufactured by Mrs. Gates, of Wilmot. Who was pronounced incurable of Liver Complaint and Dropsy by many skilful physiciaus, when procuring several receipts from an Aunapolis * dep. eminent French physician, she was entirely cured; and afterwards cured hundreds of cases for which at first there seemed to be no hope. We offer these remedies to the public through the persuasion of those who at present consider that they are indebted to them for the preser. vation of their lives Many certificates can be given for the following diseases: - Dropsy, in ics worst f rm; Liver Complaint, Jaundice, Swelling of the Limbs and Face, Asthma, of whatever kind; Dyspepsia, Biliousness, Spitting of Blood, Brenchitis, Sick Headache, Diseases of the Blood, Female Diseases. Running Sores, Rheumatism, Erysipel is.

In cases of lung disease, the No. I Bitters must be taken with No. 1 Syrup, except in weak cases and young children, when No 2 Syrup and No. 1 Bitters must be used. Those suffering from Lung diseases, should not fail to Steamship Co's. steamers for Quebec, Mon-treal, and all intermediate Gulf Perts during Plaster applied between the shoulders and to the throat and chest with Nerve Ointment. In Liver complaint and Dyspepsia, No. 2

Bitters must be taken with No. 1 Syrup. In bad cases of Dropsy, No. 2 and No. 3, Bitters must be taken with No. 1. Syrup. For Gravel No. 3 Bitters and No 1 Syrup, together with Gates's Vegetable Plaster and Nerve Ointment applied to the back near the

For pains and R'ieumatism in any part of the body, No 1 Syrup, and Gates's Nerve Ointment and Acadian Liniment mixed to rether applied to the paintul parts.

For sore throat, rub the Liniment and Oint. ment (mixed togother) into the parts affected, at the same time taking No. I Syrup to cleanse

These medicines will be premptly forwarded by the manufacturers when orders are accompanied by the cash. Address CALES GATES & CO., Middleton, Wilmot, Annapolis Co.

New Germany Nov. 4, 1859. This is to certify that I. Matthew Shirdon, was under the doctor's hands for some time, with a disease called the dropsy, and suffered all but death; and after giving up all hores, was recommended to go to Mrs. Gates. In about two weeks after taking her medicine I was alle to go to work as usual

Sworn to defore me EDWARD MORGAN, J. P. This is to certify that J. C Wheelock, of Nictaux, Aunapolis County, have been afflicted with liver complaint and complicated diseases for two years,-I have tried different physicians and medicines of various kinds, but found little or no relief until I applied to Mr. Caleb Gates for his medicine, and after using it I soon found the diseases had to yield under his treatment. I write this for the benefit of others who may be afflicted as I have been August 2, 1866. CHRISTIAN WHEELOCK.

PRICE. Bitters \$1 per quart; Syrup 50 cents per pint bottle; Liniment 30 cents per bottle and the cintment 30 cents per box.

Address CALEB GATES & CO.,

Fa. mingten, Wilmet, Annapolis co. A large number of certificates, similar to the above, have been received and will be published at times for the information of the afflicted and the people generally.

AGENTS .- George V. Rand, Wolfville. John Webb, Windsor. J. E Newcomb, Hantsport. J. L. Cogswell, Kentville Sheffield & Wickwire, Canning.

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The All Yarn made by us is warranted of best quality, full weight, and correctly numbers a year, when paid in account of the second se months \$2.25 when over six months \$2.50. Subscribers beyond the Dominion of Canada, must send in addition to the above, 20 cents a year for prepayment of postage.

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