Agriculture.

DRY FOOD BOR HORSES .-- The Spirit of the Times says: "We never have believed and never shall believe, that chopped hay and corn meal, saturated with water, is proper for a working horse as a general diet. We firmly believe that the food of a working horse, that cannot be pastured, should be good, sound oats and sweet hay for at least five days a week. Look at the South, where the common run of working horses are fed on corn. What is found there? Why, the big head, a terrible and almost incurable complaint. We also think that wet corn meal is the very worst way of feeding corn to a horse that ever was practised. And the chopped, wet hay is not half so good as fine bright timothy from the mow. We like to hear the horse grinding up his good timothy hay, like a grist mill, after he has finished his oats. A nice mash once in a while is good, and a very different thing from almost constant soft diet."

HOW TO TREAT A NICE HORSE .-" Eli Perkins," writing from Saratoga, last summer, said :- " Some English grooms here are teaching the 'Yankees how to take care of a horse. To-day I asked one of these grooms, who has spent twenty years in the stables of royalty, what he had to say about our American way of taking care of a horse. 'Why, sir, said he, 'you don't take good care of your horses ; you think you do, but you don't. Why? I asked. 'Because when a horse comes in all wet with prespiration, you let him stand in the stable and dry with all the dirt on. In England we take the horse as he comes in from a drive and sprinkle blood warm water all over him, from his head to his feet; then we scrape him down and blanket him, rubbing his legs and face dry. Thus, in an hours he is clean and dry and ready to take a good feed; while, with your way, he will stand and swelter for hours, and finally dry sticky and dirty. Our horses never founder and never take cold. We never use a curry-comb. You scratch your horses too hard. The only care necessary is to have the water not very cold, then bathe them quick and blanket them instantly, while you are rubbing their legs.' I think the groom is sound and I've noticed the same practice myself in England."

Prof. Tyndall illustrates the value of a single potato by supposing that every potato in the world but one were destroyed; that one would contain in itself the possibility of again stocking the world with an invaluable article of food. If one potato would produce when planted, only a crop of ten potatoes, in ten years the total product of the produce of this one potato would be equal to ten thousand millions, which would be sufficient to stock the whole with seed. The real value of that single potato, then, would such that it would be better that the City of London or New York should be totally destroyed than that tuber should be lost to the world.

CARE OF YOUNG DUCKS .- Take three boards about a foot wide, and make a yard either square or triangular shaped, and put the hen and coop in one corner of it. Keep the hen coop until the ducklings are about two weeks old, then give her her liberty. She will stay with the ducklings sometime longer. No more than twelve or fourteen ducklings should be kept in one yard, as they are apt to pile upon one another at night, and smother each other. The ducklings should be confined in a yard until they are well feathered, for it they go through wet grass they almost invariably die. The yard should be moved every two weeks and care should be taken to have a good shelter in one corner .- Poultry World.

To CURE A BALKY HORSE .- A man was driving a four horse team to a loaded wagon, when a mare on the pole balked, and could not be made to start. An old teamster who was present, unhitched the mare from the wagon, took off the leaders, turned the mare's tail to the leaders' tails, and hitched them to together by the doubletrees. When he gave the worfi to start the mare commenced dancing, but the other horses walked of with her, dragging her backward a couple of hundred yards. He then put her to the wagon again, and she out pulled any horse he had. She never was known to balk afterwards.

HIGHLY IMPORTANT TO FARM-ERS AND OTHERS.

NUTRITIOUS CONDIMENT FOR HORSES AND CATTLE - The b st and most economical Food for Horses and Cattle in existence. Read the following Certificate from Gen. Doyle and Staff:

HALIFAX, 26th March, 1873. We the Undersigned do hereby certify to the beneficial effects of the North British Cattle Food Company's NUTRITIOUS CONDI-

(Sgd) Hastings Doyle, Lt -General. N. Stevenson, Major, 87th R. I. F. T. R. Stevenson, Lt.-Col . 87th R. I. F. R F. Robertson, Major, 60th Rifles.

A. S Quill, Brigade Major. R. Nagle, Captain, Town Major. N. W. Wallace, Capt. 60th Rifles, and numerous Citizens.

This valuable Condiment may be had at the Agency. 83 Lower Water St., in bags at prices from \$11 to \$8.00; the \$11 bags contains enough to season 100 feeds for a Horse, Cow, or any other animal. May 7.

SPRING CARE OF SHEEP. - Sheep are tender animals, and require gentle and generous treatment to produce a liberal return. Before yeaning time, they should be well fed with something better than straw or poor hay. The ewe has not only herself to support, but the growing foetus. This requires an abundance of nutritious food. The sheep seeks every opportunity to get to the ground for green food, but when fed turnips or carrots during the winter, they manifest much less desire to get to the earth. Roots possess the qualities of grass, and thus keep the digestive organs in a healthy condition. But oil meal and bran are the best substitutes to be given where turnips cannot be had. A quart of corn to six sheep, mixed with one pound of bran, will have a wonderful effect upon the condition and health of the ewe at lambing time; and the cost of this feed, in most localties, would not exceed four cents, or two-thirds of a cent for each sheep per day, and nowhere would it cost more than one cent per

Scientific.

PORTABLE INK .- At a recent meeting of the Frankfort Polytechnic a novel kind of ink, which is adapted peditions. White blotting paper is saturated with aniline black, and several sheets are pasted to form a thin pad. When wanted for use a small piece is torn off and covered with a little water. paper will give enough ink to last for a considerable writing, and a few pads will be all that an exploring party need carry with them. As water is always available, the ink is always readily made.

THE UTILIZATION OF COAL DUST .-Dr. J. R. Hays, of Washington, D. C., has recently published a paper on a means of using up the dust coal which lies in heaps near the shafts of most coal pits. He mixes the coal dust with clay and coal tar, and estimates that the cost of these, together with labor, will not exceed \$1.00 per ton; and if the waste coal can be delivered in the cities at \$2.00 per ton, a fuel of great excellence can be easily prepared at \$3.00 per ton, which will be an economical improvement of great importance to the poor.

The Danbury News proposes several remedies for the growing evil among | it. boys of staying away from home at nights. It says : "A pareut writes to us that he is annoyed and pained by his son staying out at nights ,and asks us if we can present a remedy for this rapidly growing evil. There are several remedies. The boy's spine can be broken with an axe, or he can be nailed to the floor with a red hot railroad spike, driven through his abdomen; but the most effectual way is to compel him to wear patched clothing."

The largest diamond in the world will be exhibited in the Vienna exhibition. It has been found in the African diamond fields, and weighs 2881 carats.

An excellent carriage-road, with shade trees and a bridge over the Nile, has been built from Cairo to the Pyramids.

Miss Mary Wadsworth, M. D., of Franklin, N. H., is appointed physician to the harem of the Sultan of Turkey.

TAPIOCA PUDDING WITHOUT MILK or Eggs.-Soak, a tea cup of tapioca in one and one half pint of water, over night. Pare and punch the cores of six apples, fill the holes with sugar, flavor with a lemon or nutmeg, and pour in one tea-cup of water. When baked soft, pour over tapocia, and bak all one hour. Eat with sauce, mad of butter and sugar stirred to a creau

A CINCINNATI seamstress uses gray squirrel as a motive power for rur ning her machine, and well he doe his work-not only sewing straigh seams, but hemming and gathering ruffle as neatly as could be done b human hands.

A writer in a New York journ seriously advocates a return, by ladie to the ancient Greek sandal, as bein far more comfortable, having a hand some appearance, and less likely to it jure the foot.

MINUTE LOAF CAKE .- Three cu of flour, one and one-half cups sugar, one-half cup of butter, one cu of milk, one cup of raisins, one te spoonful of soda, one tenspoonful of 30 F... 4 22 7 33 7 59 3 45 11 31 10 25 cream of tartar, and nutmeg.

The London Globe thinks that if anywhere in this world, "ignorance' in a railway carriage " is bliss," for, at the end of a long journey, a large number of passengers would undoubtedly suffer seriously from nervous complaints

At the Cape of Good Hope ostrich FOR THE LENGTH OF THE DAY .- Add 12 farming is now carried on to a great extent, the eggs being batched by patent steam incubators with far greater safety than attends the natural process.

One part lard and two parts coal oil melted together and applied, will kill the lice on cattle and do no harm to the animal.

Joyful news for the Afflicted,

GATES' Life of Man Bitters.

Mrs. Alice Robinson of Williamston, in the county of Annapolis and Province of Neva Association, Prof. Boettger exhibited Scotia, deposeth and saith that in the year 1849 she was fearfully and distressingl, afflicted with a combination of complaints which altogeto take on journeys and exploring ex- ther rendered her almost helpless, during which time she was treated by one of the ablest paysicians residing in the county, and part of the time by two Physicans for about a year, and still was not sensible of any material benefit or retief. And after a time she was recommended to a medicine at that time prepared by Mrs Gates of Wilmet, which in an incredibly short The black ink which dissolves out is a time acted like a charm upon her whole system, good writing ink A square inch of and she was entirely cured of all her various difficulties and complaints and remained as she considered a sound and healthy woman for about twenty five years.

Mrs. Robinson further states that in the autumn of 1869 she was taken ill and was under the doctors hands all winter, and in the spring ensuing she was taken with a most obstinute and distresling cough which the Doctor was unable to cure. She was also afflicted with the piles and other troublesome complaints. At length she resolved to apply to Dr. Ca eb Gates for as-istance and help, and seen found them all yielding to the power and influence of his justly celebrated medicines, and cays she is completely free and cureu of all those various difficulties through the kindness and skill of Dr. Gates and the efficacy of his most expellent medicine.

MRS. ALICE ROBINSON. Sworn to at Williamston, this 9th day of February, A. D., 1872, before me, JAMES WHEELOCK, J. P. Lunenburg, Nova Scotia ?

Sept. 18, 1871. \$ Dear Sir:-Last winter I was so troubled by a severe cough that I feared consumption would ensue. I failed to obtain relief from any source, until I tried your medicine. I now state on my eath, that one bottle gave me rehef. I continually keep it for the use of my family and would not think of being without

GEORGE ARENBURG. Swern before me ene of Her Majesty's Justices of the Peace for the county of Lunenburg. JAMES D. SELIG, J. P.

Bitters \$1 per quart : Syrup 50 cents per pint bottle ; Liuiment 20 cents per bottle and the

ointment 30 cents per box. Address CALEB GATES & CO., Farmington. Wilmot, 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. GENERAL AGENT, JOHN K. BENT.

126 Granville Street, Halifax. May 21. To Parents and Sabbath School

Teachers.

JUST PUBLISHED. SECOND EDITION-REVISED.

A SCRIPTURE CATECHISM. for the Family, the Bible Class, and the BY S. SELDEN. Price 8 cents or \$6.00 per 100.

HALIFAX N.S., MAY 21, 1873.

MESSENGER ALMANACK.

MAY, 1873.

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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.

31 Sa. 4 22 7 34 9 3 4 34 morn 11 6

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Halifax. At Annapelis, St John, N. B., and Portland Maine, 3 hours and 25 minutes later, and at St. John's, Newfoundland 20 minutes earlier, if they only knew the hair-breadth than at Halifax. At Charlottetown, 2 hours 56 minutes later. At Westport, 2 hours 54 minutes later. At Yarmouth, 2 hours 20 min-

hours to the time of the sun's setting, and from the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT -Subthe time of the sun's setting from 12 hou. and to the remainder add the time of

WINDSOR & ANNAPOLIS RAILWAY. CONDENSED TIME TABLE.

DECEMBER, 1872.

HALIFAX TO ST. JOHN.

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190 St. John by Steamer 8.00 ST. JOHN TO HALIFAX.

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Yours most respectfully, N. B .- The Express Trains run on Monday, W duesday, and Saturday only. Steamer "Scud" leave St. John on Monday, Wednesday, and Saturday, at 8 a. m., for Annapolis, and return same day on arrival of 8 a. m. Express Train from Halifax. International Steamers leave St. John every

Thursday at 8 a. m., for Eastport, Portland, and Boston. European and North American Railway Trains ie: ve St John at 8.00 a. m. and 3 p.m. for Woodstock, Fredericton, St Stephens, Bangor, Portland, Boston, and all parts of the United States and Canada.

Through Tickets at reduced fares by above routes to all parts in the United States and Canada may be obtained at the Ticket Office, 126 Hollis Street, Halifax, at Richmond, and the principal Stations on the Railway.

P. INNES, Kentville, 16th Dec., 1872. Manager.

H. G. LAURILLIARD, TAILOR, GENTLEMEN'S DRESS MATERIALS,

Furnishing Goods constantly on hand

Agent for the NEW YORK FASHION PLATES. 231 HOLLIS STREET. HALIFAX, N. S. May 17.

NOTICE

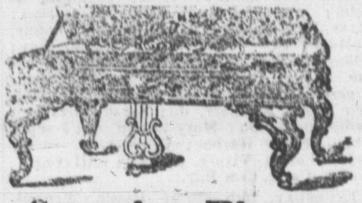
THE Subscriber offers for Sale his well I known Farm, Situate in Wilmot, County of Annapolis, on the North back road, about one half mile east from the Wilmot Spa Springs, and about one and a half miles from the Rai rold Sation. Said farm contains 125 acres of very valuable land, advantageously divided into Hay, Pasture, and Woodland. The hay and tillage land are under a superior state of cultivation, the pasture is of an excellent quality, and wood lot sufficient to supply a family for generations to come. On the Farm is a comfortable House of Size and accommodations to suit a large family. Also 2 good Barns, with other convenient out buildings all in good state of repair. An abundant supply of water is carried into the House by pipes from a never failing Spring, and also taken for the use of

There are about 100 grafted apply trees producing from 60 to 200 barrels annually. This property is so well known that further particulars are unnecessary.

The terms of payment will be made easy, only a small proportion will be required down. with good and approved security for the re-The stock and farming utensils can be had

by a purchaser of the farm if required. For further particulars apply to the owner

GEORGE BALLENTINE Wilmot, County of Annapolis, { January 22nd, 1873.



Superior Pianos.

IN VARIOUS STYLES

UPRIGHT, OBLIQUE, SQUARE, Etc. With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate. An assortment of A very fine toned UABINET ORGAN.

by Carhart and Needham, N. Y. The alove are offered to a discriminating public at moderate prices,

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

FARMERS! ATTENTION!!

THE SUBSCRIBER has been appointed Agent for the sale of E. FRANK COR'S AMMONIATED BONE

SUPERPHOSPHATE. During the past ten years he has used Guano and other Commercial Manures, and has obtained the best results with the above Superphosphate and can confidently recommend it to Farmers and Gardeners and being a valuable and reliable article from 250 to 400 lbs. being sufficient to manure an acre-and is suitable for all crops. It is put up in Bags of 150 lbs. and Barrels of about 250 lbs.

Price \$50.00 per ton. Pamphlets giving full description and directions will be mailed to any address on application to

W. M. RAND, Agent, Upper Canard, Cornwallis, Or, GEO. V. RAND, Wolfville. April 16th, 1873

Intercolonial Railway.

TENDERS marked "Tender for Station House Valley," will be received by the undersigned at Moncton, N. B., until THURSDAY, 8th May next, for the erection

Combined Passenger and Freight House at Valley Station

A Plan and Specification of the work may be seen at the Railway Office, Truro, where printed forms of Tender may also be obtained. 'the names of two parties wilting to become sureties for the fu filment of the contract must be given in each tender. The Department does not bind itself to accept the lowest or any tender received.

LEWIS CARVELL, General Superintendent. Railway Office, Moneton N. B., ? April 24th, 1873.

HE Ladies of the Antigonish Baptist A Sewing-Circle intend bolding a Sale of Fancy Articles early the en ning Summer for the purpose of aiding in the erection of

A NEW BAPTIST MEETING HOUSE Contributions to the Fancy or Cash department, will be most thankfully received by either of the fellowing Committee. Mrs. F. Cunningham, Mrs. T. M. King, Mrs. C. B. Whidden, Mrs. I. F. Robb, Mrs. J. B. Me-Quillin, Antigonish. Miss Maggie Hill, Sydney, Mi s Funnie King, Truro, Mrs. Reuben Hart, Halifax.

Antigonish, March 22nd, 1873. April 2.

THE CHRISTIAN MESSENGER

Is published every WEDNESDAY. Terms-Two Dollars a year, when paid in acvance; if payment is delayed over three 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.

ADVERTIZING at usual rates. STEPHEN SELDEN, Proprietor. OSPICE No. 71 GRANVILLE STREET, HALIFAX, N. S.

PRINTING of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms. Magistrates Blanks always on hand. LIN

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