Agriculture.

WASTEFULNESS OF FARMERS.

Not less than twenty per cent. of the entire capital employed in farming in this country is wasted. This is a low estimate, for on many farms the amount of waste is double the amount named. Perhaps the scarcity and high price of labour in a few localities may be considered a reasonable excuse for this loss, but we hold that no man should undertake more than he can accomplish without waste. The first and most prolific source of waste can readily be traced to large farms, as nine out of every ten of our farmers own or undertake to work twice as much land as they are able to do, with any sort of credit or profit to themselves or others.

In spring more corn, potatoes, and crops, requiring culture during the period of growth, are put in than can be attended to, and the results are that having and harvesting grain erows upon the hoeing, and all sides. We want disposed to excuse a me waste on the score of guorance, especially in farming, because the business is one that should be well understood.

Contrary to the general idea, we believe that the curse of American agriculture is cheap lands, producing a low standard of farming, et acres, with a corresponding neglect of the same when once they are obtained.

The result of such a system is a slavish life for a term of years in order to procure stock, implements, barns, and finally, a comfortable house for the wife and family.

Now, there is but one way to remedy this wide-spread evil, and that is to own less land; make it produce better crops, and thereby prevent a waste of time and labour. A man should never put more than one-half his capital into land, no matter how much or little he may have. We can offer no better proof of this wide-spread evil of owning more land than can be judiciously cultivated, than the average yield of any of our principal farm products. Manure is wasted by being spread so thinly over a large surface of ground that the benefit is scarcely to be perceived, while if a less area received the amount it would not only bring immediate and a large increase in the crop grown, but be permanently enriched.- Washville Rural Sun.

LOCK YOUR HAY CUTTERS .-- A! ordinary hay cutter left accessible to children is fraught with serious danger, and we hear of the loss of fingers from this cause. The danger can be obviated by putting a little piece of chain around the fly wheel and securing it with a padlock. Indeed no bay cutter should be made without this simple, cheap and necessary appendage.

FOR THE HOUSEKEEPER.

DELMONICO PUDDING .- 3 tablespoons of maizena, 1 quart of milk. 5 eggs. Use the yolks of the eggs with 6 tablespoons of sugar, and add a teaspoon of lemon or any flavor preferred. First, mix the maizena with a little cold milk, and stir it into the quart of milk just before it boils. Then add the yolks and sugar, stirring it until it begins to grow thick. Turn it into the pudding-dish, and set it in a slow. oven to harden. Beat the whites of the eggs to a stiff froth, add 3 tablespoons of sugar, flavor it, and when the pudding is baked, cover it with the white of the eggs, and let it harden a few minutes in the oven. To be eaten cold.

BREAD MERINGUE PUDDING .- 1 pint of fine bread crumbs, 1 quart of milk, juice of a lemon, yolks of 5 eggs 1 cup of sugar. Beat the whites of the eggs to a stiff froth, flavor with the grated peel or juice of a lemon, 1 cup of sugar. When the pudding is baked, spread over it a layer of jelly or preserve, (raspberry jam is nice for this purpose,) cover with the prepared whites of the eggs, and return the pudding to the oven until it is a light brown. This pudding is nice made with 3 eggs: some persons add a tablespoon of butter to it.

POULTRY should never be eaten in less than six or eight hours after it is killed; but it should be picked and drawn as soon as possible. Careful housewives keep a fowl for a day and night before killing and dressing for their own eating. It actually poisons a fowl to lie long undressed.

Scientiff:

PRIZES FOR IMPROVEMENTS.

The Society of Arts, London, has lately issued a detailed statement of prizes offered for various practical improvements. The following are some of the objects for which prizes are offered, which we copy from the Scientific American :-

GOLD MEDAL .- For the discovery or manufacture of a means for safely and econemically generating power. suitable for use in place of steam. It should be free from refuse, noxious fumes, and injurious effects on the metals with which it may be brought into contact, or on the workmen employed.

GOLD AND SILVER MEDALS.

COATING VESSELS .- For an economical method of coating large vessels of zinc, such as baths, so as to present Poright and clean surface, not readily oxidized and as durable as a tinned or japanned surface.

IMCOMBUSTIBLE WICK .- For the production of an incombustible wick, suitable for use in lamps.

CASTS (WHITE MARBLE) .- For means of casting ornamental panels, or marble groups of figures, flower etc., THE PERSON WAS ASSESSED AS A PROPERTY OF THE PERSON OF THE a grasping disposition to polyess broad | transparency of the marble itself, as well as the polished surface of artistically finished works.

WASTE COAL .- For a more economical and effi ient method than any at present in use of preparing waste coal, so as to render it available as fuel for \$1.06. engineering or domestic purposes.

LIGHTING COAL MINES .- For a means of lighting coal mines, so as to increase the light in the workings, and at the same time reduce the risks arising in the use of the ordinary miner's

A VARNISH-or coating which can be applied to iron wires, so as to protect them against rust, and which shall not be liable to chip off when the wire is bent or raqueu.

A SENSITIVE POCKET GALVANOME-TER .- The size should not exceed that of a watch.

POTATO DISEASE .- For a method of preventing the potato disease.

NEW EDIBLE ROOTS .- For the discovery and successful introduction into Eugland of any new edible root or tuber useful as food for men or cattle, capable of resisting frost, and suitable for extensive and improved cultivation.

Unsinkable Ships .- For plans for the construction of an efficient and seaworthy vessel, such that, when perforated either by shot or accident and filled with water, she shall in part maintain her floating power.

PETROLEUM AND OTHER LIGHT OILS AND SPIRITS .- For a cheap and effective method of constructing storehouses for the stowage of petroleum and other light oils in towns and cities, so as to give greater security to the adjacent properties.

All communications and articles intended for competition must be delivered addressed to the Secretary, at the Society's House, London, free of expense, on or before the 31st of December, 1873 or 1874. In the first case they will be considered during the session 1873-4; in the second case during the session 1874-5.

THE WATER SUPPLY OF PARIS .-Two Lew artesian wells have been in course of construction for some years in Paris, one at the Butte-des-Cailles, the other on Place . Hebert. The former has been sunk to a depth of 1,725 feet, and it is expected that water will be obtained at 1,890; its cost will be about \$125,000. The other well, like that completed after so many years' labor at Passy, presents great difficulties; and although the work is pushed on with activity, the progress is not more than 16 feet per month; and it is believed that 18 months' time will Saturday, at 8 a m., for Annapolis, and rebe required to finish the work. The boring tools now in use are worked by means of a steam engine of 40 horse power: a load of excavated soil takes from seven to eight hours to raise it to the surface. The object of this well is not so much the increase of the water supply of the city as the establishment of public baths and wash houses at a cheap rate, as the water, as it issues from the well, will be of about the temperature of 95 ? Fah .- Scientific American.

of Australian meat has recently been sent to Eugland, and its preservation during the voyage is effected by a new process, in which no antiseptic materials of any kind are employed. The beeaflud mutton is brought on board directly from the slaughterhouse and thrown into an iron tank, no particular care being exercised in arranging the pieces. The reservoir is placed within another and larger receptacle, and ice, produced by artificial means, is packed upon the cover of the inner vessel. The water due to melting runs over the upper surface and down the sides of the latter; and it is collected at the bottom | 01 W. 7 30 4 16 11 4 5 5 A. 8 to be returned by tubes to the ice to be again refrigerated The apparatus 13 Sa.. 7 32 4 16 0 6 6 26 0 46 is built in a kind of well, made between 14 SU. 7 34 4 16 2 11 7 46 1 21 the upper deck and hold of the vessel 15 M.. 7 35 4 17 3 14 8 28 1 42 the upper deck and hold of the vessel about amidships, and is protected by 17 W. 7 36 4 18 5 29 9 59 2 29 layers of sawdust and other non conducting material. It is said that meat | 19 Fr. 7 36 4 18 7 48 11 50 3 52 thus treated has been kept on shore 21 SU. 7 37 4 19 9 44 1 50 5 56 for eighty-five days without losing any of its properties or becoming in anywise decomposed.

SOAP SOLUBLE IN SEA WATER (M. Maniu) - Oil or fat, 46 parts; resin, 30 Tu. 7 41 4 25 1 56 9 36 4 10 parts; fish glue, 40 parts; soda or potash, 1 part; oxalate of potash, 1 part. The oil and resin are saponified as usual, but with an excess of alkali, the glue previously rendered gelatinous by solution in oxalate of potash wi h constant stirring to 50 ° or 60.

Articles and Covenant

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WINDSUR & ANNAPOLIS RAILWAY.

CONDENSED TIME TABLE.

COMMENCING OCTOBER, 1873.

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N. B -The Express trains now run daily. Steamer " Seud" or " Empress' leaves St. turn same day on arrival of 8 a. m. Express Train from Hairfax.

International Steamers leave St. John on Monday and Thursday at 8 a. m., tor Eastport. Portland, and Boston.

European and North American Railway Trains let ve St John at 8:30 s. m. and 9 p.m. for Woodstock, Fredericton, St Stephens, Ban-gor, Pertland, Boston, and all parts of the United States and Canada. Through Tickets at reduced fares by shove

Kentville, 6th Oct., 1873.

Canada may be obtained at the Ticket Office. 136 Hollis Street, Hailfax, at Richmond, and the principal Stations on the Railway. P. INNES,

Oct. 22.

MEAT FROM AUSTRALIA .- A carge | HALIFAX, N.S., DECEMBER 10, 1873.

MESSENGER ALMANACK.

DECEMBER, 1873. Full Mcon, December 4th, 0h. 6m. morning. Last Quarter, " 11th, 5h. 39m afternoon. 19th, 2h. 35m. afternoon. New Moon, First Quarter, " 26th. 11h. 50m. morning. Day SUN. MOON. High True

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,

31 W.. 7 42 4 26 2 39 10 33 5 16

2 hours and 11 minutes later than at Halifax. At Annapolis, St John, N. B., and Portland Maine, 3 hours and 25 minutes later, and at St. John's, Newfoundland 20 minutes earlier, than at Halifax. At Charlottetown, 2 hours 56 minutes later. At Westport, 2 hours 54 minutes later. At Yarmouth, 2 hours 20 min-FOR THE LENGTH OF THE DAY .- Add 12

hours to the time of the sun's setting, and from the sum subtract the time of rising. WOR THE LENGTH OF THE NIGHT -Sub-

e. a: the time of the sun's setting from 12 hou. all to the remainder add the time of rising n. a corning.

NOTICE.

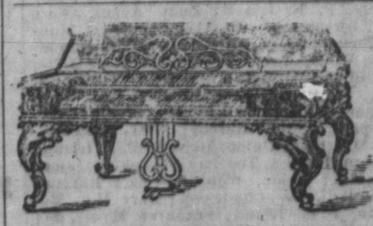
THE Subscriber offers for Sale, his well I known Farm, Situate in Wilmot, County of Annapolis, on the North back road about one half mile east from the Wilmot Spa Springs, and about one and a half miles from the Railroad Station. Said farm contains 125 acres of very valuable land, advantwoodland. The 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 accompdations 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 on the premi es, GEORGE BALLENTINE.

Wilmot, County of Annapolis, (January 22nd, 1874.



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

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Persons from Nova Scotia visiting St. John. can have artificial denture supplied with tess detention than at any other office. Teeth filled with Pure Gold; also, with all the best composition fillings known.

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never tailing Brook running through it. As he is unexpected y called to change his business, will sell all the fittings connected with the annery, (which is 38 x 40, two stories hich,) such as Bark Mal, Tables, Beanis, Tools, besides other articles on the place too numerous to mention, so that the purchaser may go to work without any loss of time. ALSO-A LOT HIDES.

A part of the purchase mobey may remain Feb. 19 P. W. PAYZANT.

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