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# THE CHRISTIAN MESSENGER.

# Agriculture.

The "N. S. Journal of Agriculture" says, This season there has been an unusually large crop of "gigantic" squashes, turnips, potatoes, &c., in the newspapers. But the most remarkable departure we have seen or heard of from the ordinary phenomena of nature. occurred in Mr. Troplet's garden, in Halifax, where a Duchesse d'Angouleme Pear tree bore two distinct crops of pears during the past season. The first crop was formed at the usual time, after which, the tree blossomed again on the same shoots and set another crop of fruit, which acquired considerable size before the cold weather came on. If we can raise two crops in a season of one of the finest and most delicate of all the Freuch Pears, our climate cannot be so very bad after all. Parched California may ripen these pears a little earlier, but it will be something new under the sun for the Golden State to raise more than two crops in a season.

A correspondent of the Colonial Farmer reports a neighbour's big turnip as weighing, when cleaned and ready for cooking, 171 lbs. ; also " four well formed heads of cabbage growing on one stalk, and several with three heads on one stalk ; he has, moreover, a goose a year and a balf old that has just laid five eggs." It is true that, as a rule, two heads are better than one, even if they be sheepheads, but one head is enough for a good cabbage, and as for the goose, she must be a great goose as well as a young one to try to hatch out goslings on the winter pastures.

# Scientific.

If we must labor to maintain existence ; if we must rest to be fit for labor; if, finally, we find that some other agent is positively necessary to produce such a reaction in our system as will vivify our faculties to produce. not only better labor, but to enjoy those hours which ought to intervene between labor and rest, then recreation, or the agreeable occupation of leisure becomes a sacred duty.

WHETSTONES --- When first putting a new whetstone into use, try water upon it, and if this keeps the surface from being glazed or burnished, oil will not be needed. Some stones work better with water than oil. A dry 18 1h.736445 A.973052stone is very apt to give a wire-ege. 19F.736447036748157It has been said that a little carbolic 20Sa.735448168333011SU.7344914192140acid added to water will increase the friction on either a whetstone or a grindstone.-Ohio Farmer.

Non-smoking chimneys .--- To build a chimney so that it will not smoke, the chief point is to make the throat not less than four inches broad and twelve long; then the chimney should be abruptly enlarged to double the size, and so continued for one foot or more; then it may be gradually tapered off as desired. But the inside of the chimney, throughout its whole very smooth with good mortar, which will harden with age. The area of a chimney should be at least half a utes later. square foot, and no flue less than sixty square inches. The best shape for a chimney is circular or many-sided, as giving less friction (brick is the best material, as it is a non-conductor), and the higher above the roof the better .---Scientific American.

THE TIDES .- The column of the Moon's Southing gives the time of high water at Pairsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

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 4t length to the top, should be plastered St. John's, Newfoundland 20 minutes earlier, than at Halifax. At Charlottetown, 2 hours 56 minutes later. At Westport, 2 hours 54

# WRIGHT'S Patent Sectional Spring Bed

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THE Subscribers having been appointed Sole Agents in the Province for the sale of this article, recommend it as being the easiest and most comfortable to rest upon, and together with its durability, and t e facility with which it can be taken apart and cleaned, they fee certain that it will be found to be a most con venient article

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are not an Alcoholic preparation, but simply scientific combination of valuable Roots and Barks, which purifies the Blood and restares the waste, thereby bracing up both the Ner-vous and Muscular Systems, and giving that permanen HEALTH, STRENGTH and VIGOR both of mind and body which nature intended man should possess.

This BITTERS is not sold as a specific for every discuse, but in cases of GENERAL DE BILITY and its effects, such as Dyspepsia Loss of Appetite, Weakness of the small of the Back, Weak Memory, Indspositon for Exertion. Sense of Fullness after Eating, &c, caused by anxiety over exertion, mental or bodily, late hours, and excesses of every kind

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LONGEVITY OF FARMERS .--- In a late address before the Farmers' Club of Princeton, Mass., Dr. Nathan Allen said that according to the registration report of deaths in Massachusetts, published now for about thirty years, and preserved with more accuracy and completeness than anywhere else in the country, the greatest lon, evity is found to obtain in agricultural life. In the ten different occupations as given in these reports, the cultivators of the earth stand as a class at the head. reaching, on an average, the age of nearly 65 years, while that of the next class, merchants. is only about 49 years; that of mechanics of all kinds, about 48 years, and that of shoemakers about 44 years. Thus there is an advantage of about 15 years on the side cf farmers as compared with merchants, and they reach an average age but little short of the three score years and ten alloted by the Psalmist for human life.

CATTLE EATING EARTH .--- C. New ton, Fayville., Mass., wants to know why his cattle eat dry earth, in winter when they have a liberal supply of meal and roots, and plenty of the best hay. This is because earth is a part of their natural food. In pasturing reminant animals partly cut off the grass and partly tear it up by the roots, taking more or less earth with it. The food is stored in large quantities in the first stomach, where it is more or les fermented, under the influence of the warmth and moisture to which it is subjected. The earth neutralizes the acids and perhaps condenses the gases thus formed, and prevents the distension and discomfort that would ensue. When cattle are fed on clear forage, they merely gratify a healthful appe-

TO MAKE COMMON HARD SOAP .---Put into an iron kettle five pounds unslacked lime, five pounds soda, and three gallons of soft water ; let it soak over night; in the morning pour off the water, then add three and a balf pounds of grease, boil till thick, turn into a pan until cool and then cut in bars.

TO DRY PUMPKINS .- Peel and cut as for cooking; then slice very thin, spread on tin or other dryers, and expose to a moderate heat in the stove oven. Thus dried, the pumpkin will retain its natural flavor. To prepare for cooking soak it in water a few hours.

TO CLEAN PETROLEUM LAMPS .---Wash the vessel with thin milk of lime which forms an emulsion with the petroleum, and removes every trace of it. and by washing a second time with milk of lime and a small quantity of obloride of lime, even the smell may be so completely removed as to render the vessel fit for keeping beer in. If the milk of lime be used warm, instead of cold, the operation is rendered much shorter.

WATERPROOF STARCH is the subject of a French patent, and consists in passing the goods, after being properly starched, through a bath of chloride of zinc at a temperature of about 60° Fahr. The starch will then remain in the clothes after several successive washings.

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.

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 rising next morning.

A. V. P. B.

RCHIBALDS VEGETABLE PAIN 1 BALSAM is an article worthy of patronage and should be found in every house. It is equal if not superior to any other Pain Killer now in use. Also, Archibald's Cough Mixture for Coughs, Colds, and all Lung Discases.

The Proprietor has removed to Trure, Colch ester Co., N. S., is now extending his business. and will be prepared to furnish his numerous patrons with the above, as well as many other valuable remedies compounded by him. Sold by all the principal Dealers and Druggists in the Provinces. Oct. 21. l yr.

Wholesale Dry Goods Warehouse. Fall---1871. 95 & 97 GRANVILLE STREET. ANDERSON, BILLING & CO

**ITAVE** now completed their Importations I for this Season.

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ANDERSON, BILLING & CO. Sept. 27.

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Although these BITTFRS contain no Alcohol they will most efectually wean the taste from Stimulants and enable the system to dispense with them at once.

The proprietor, although averse to the practice of puffing any medicine, feels it his duty to give publicity to the following certificates. -Hundreds could be added, but such names as Dr. How, Professor of Chemistry at King's College ; Capt. Hardy, R. A ; Mr. Solomon Lunenburg; a d Dudley de Chair, Eeq, Halifax, will be sufficient to establish its reputation as a reliable and valuable medicine.

#### **CERTIFICATES:**

I have found Mr. Eagar's PERUVIAN BIT. TRRs beneficial to myself and in my family, and have beard of their being used with good effect in another case in Windsor.

(Signed) 4ENRY HOW, D.C.L. King's College, Windsor.

MR. EAGAR,-I have used your PERUVIAN BITTERS in a personal case of Dyspepsia, and have derived the greatest benefit therefrom. C. HARDY, Capt. R A. (Signed)

### LUNENBURG, 28th June. 1869.

MR. EAGAR,-I have used your PERUVIAN BITTERS and can highly recommend them, as I have derived great benefit therefrom. (Signed) EDWARD H SOLOMON, Dy. Surveyor, Co, Lunenburg.

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tite in eating earth. This indicates the advisability of feeding roots without washing them.

OAT CHAFF FOR FEED .- A year or two ago we were, by accident, led to feed some oat chaff to a few head of milking cows, and were agreeably surprised to find that they suddenly came up considerably in their milk. The chaff was discontinued for a day or two ; when the cows fell off to their former quantity; but on feeding again, the flow again increased. Since then the value of oat chaff as a milk producer has been satisfactorily proved by us. This would then make it advisable that when the oats are thrashed the chaff should be saved for feed. It may be ted in the place of cut chaff, with the usual wetting, salting and mixing of the regular. allowance of meal. In years when hay is as scarce as in the present, not only the chaff may be fed, but the oat straw should be carefully saved for fodder. It is quite as nutritious as timothy that has gone to seed .- Hearth and Home.

The British Museum has an anvil which, it is said, belonged to one of the haraohs

SAWDUST pills, says an eminent physician, would cure many of the ills which flesh is heir to, if people would only make their own pills. Every family should provide a barrel or box for receiving chicken bones, fish bones, and bits of beef bones which

accumulate in the kitchen. A hundred pounds may be saved in a few weeks. Such bones are more valuable for grass-land, and for burying around all kinds of fruit trees and grape-vines, than Peruvian guano, which is worth from three to five cents per pound.- Farmer and Planter.

CLAY AND SANDY Soils .- If you have a light sandy field and wish to fertilize it cheaply, perhaps you cannot do better than to gather, say ten loads of elay, and mix it with ten loads of barn yard manure or compost; this will be found as effective, perhaps more so, than twenty loads of manure without the clay. And the reverse we believe, will also hold good ; that is, to a stiff clay soil, add the same quantity of sand soil and manure ; the texture of the surface soil is changed thereby .--Virginia Real Estate Journal.

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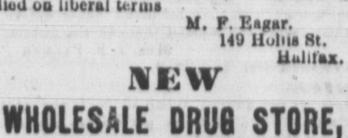
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