Agriculture.

THE REAPER'S MORNING HYMN.

Unclouded shines the autumn morn, The lark is singing far on high, Along the fields of yellow corn The wind is blowing gently by; And with a thankful voice we raise To Thee, O God, our hymn of praise!

The sower cast the seed around, Then followed sunshine, wind and rain, And from the cultivated ground Sprung up the graceful, golden grain. The harvest came, O God, from Thee, And Thine the praise shall ever be!

We thank Thee for the winter's snow, We thank Thee for the spring-time's showers, For autumn's winds that gently blow, For summer's bright and sunny hours. Sun, shower and wind were sent by Thee, And Thine the praise shall ever be!

The sun has dried the drops of dew, And gladly to our toil we bend, With sickles keen and purpose true, To reap the grain that Thou didst send. What were our labor without Thee? So Thine the praise shall ever be!

Soon shall the autumn's withered leaves Be scattered over field and plain, Soon shall we bear the harvest sheaves With gladness home along the lane, But still our hymn of praise, shall be, Lord of the harvest time, to Thee.

Sing high in heaven, O happy lark! Shine down, O sun, with ripening beam ! Blow, gentle wind, o'er field and park ! Flow brightly by, O rippling stream ! While with a thankful voice we praise Our Maker's wondrous works and ways.

CRAB APPLE HEDGES.

Talking about the age of Osage Orange hedges reminds us that in our own neighbourhood there is a bit of crab apple hedge set about thirty years ago. It was set out by a Scotchman who, after the old north method, dug a ditch, threw up a dyke of embankment from the earth of the ditch immediately alongside of it, and on the slope next the ditch (it was the north slope in this case) planted his young crab apples (pyrus conoria). The farm changed hands in a few years, and little or no effort has been made to form a handsome or efficient hedge, but the growth of these trees evinces that it might have been done. The trees grow and survive when close planted and grow dwarfish as compared with single trees. They are not as thorny as desireable, but are very stout and would endure a great deal of abuse. With the addition of a ditch to prevent free access of cattle, &c., this plant, we think, would speedily make a good hedge and one that would be peculiarly ornamental and attractive.—Prairie Farmer.

To CLEAN A RUSTY PLOUGH.—Take a quart of water and pour slowly into half a pint of sulphuric acid. The mixture will become quite warm from chemical action, and this is the reason why the acid should be poured slowly into the water rather than the water into the acid, and let it remain on the iron until it evaporates. Then wash it again. The object is to give the acid time to dissolve the rust. Then wash with water and you will see where the worst spots are. Apply some more acid and rub on those spots with a brick. The acid and scouring will remove most of the rust. Then wash the mold-board thoroughly with water to remove all the acid, and rub it dry. Brush it over with petroleum or other oil and let it be till spring.—Ex.

CHARM OF A GARDEN.—It is, indeed, the frequent change, the never-wearying variety, that is the main charm of the garden. You leave home for a little time, and when you return, lo! everything is changed. New colors, new forms, new perfumes greet you. There are fresh flowers on the stem, fresh fruit on the bough. Few things are more enjoyable than a first walk in one's garden after an absence from home. Few men who are really fond of gardening ever care to be long away from their household gods. It is, indeed, one of the most salutary effects of the love of gardening that one's thoughts seldom turn towards the delights of vagrancy and the charms of strange places.

It has been discovered by the eminent botanist Mr. Pynvert, that the Lilium auratum, besides being a beautiful plant, is a grand specific against houseflies, and that a single specimen of it in an apartment will keep it clear of those troublesome insects.

An ocean voyage has no terror for physicians—they are accustomed to see sickness.

Scientific

THE VALUE OF OATMEAL

La France Medicale informs us that M. Dujardin-Beaumitz, having ob tained a large quantity of meal from Scotland, has been experimenting with it, young children being the subjects of the experiments. He ob serves that, without speaking of the bouillies (porridge?) and cakes which the Scotch prepare from the meal, it is employed by them as food for young children, although the form in which it is said to be so used appears somewhat povel to such of us as have been a good many years absent from " the land o' cakes," namely, a jelly, prepared by macerating a tablespoonful of the meal in a glass of water for twelve hours, then straining through a the consistence of jelly, and adding sugar or salt according to taste. Its nutritious value as food for children, in regard to azotic or plastic elements, and such as are "respiratory," is analogous to human milk, or that of the cow. Besides these, it contains more iron than do most of the ordinary articles of food.

M. B-aumitz had fed four newlyborn infants on the preparations just described, and in all of those with satisfactory results. He considers that protect it from the action of moisture. iu addition to its qualities as food, it acts efficiently against colic and diarrrhoea. M. Gillette, surgeon of the hospital of Melun, has also given oatmeal " combined with cow's milk," to six children, and his experiments have proved how that food may be valuable in cases where the natural supply of milk is deficient. He adds that the nearer the infant approaches it first year, the more does alimentation by oatmeal appear to be profitable.

NEW STYLE OF PAPER. The English display at the Vienna Exposition and original manufacture, which is very strong and tough, and yet perfeetly soft and pliable, like cloth. This is embossed and printed on, and is prepared for the purpose of hangings; curtains, etc., for which it seems very well adapted; some of the rooms of the British Commission are furnished with this. It is simply tacked to the wall, so that it can easily be removed at any time. In this case the curtains were of the same pattern as the walls, but lined with another style in light color. It is handsome, cheap and durable.

FISH JEWELRY .- A correspondent of the Cincinnatti Gazette gives the following description of the fish jewelry which Denmark contributes to the Vienna Exposition:

'This jewelry is made exclusively of the bones and scales of fish. It is just as dear as if made of gold, and it is highly esteemed by the ladies of Copenhagen. It is in many respects the most beautiful class of fine work we have ever seen. There are earrings, braclets and crosses, made of fine, delicate fish bones white as the driven snow, and carved fine as gossamer web, and embossed with beautiful crimson and red fish's scales. There are also large cases of fish jewelry, such as knives, forks, spoons, ladles, etc,, carved in the most exquisite patte:ns out of fish's bones and enameled with fish's scales."

Gilt frames may be easily preserved from flies, and this too, without enshroudieg them in the netting to you so distasteful. Boil four onious in a pint of water. Then with a soft brush dipped in the liquor go over your frames, and the flies will not rest on the articles thus washed. This can be done without the slightest apprehension of injuring the frames, and one coal during the Spring and Summer will be sufficient.

The roof of Westminister Abbey. in which chestnut was used, was re cently examined, and found to be perfectly sound. It is nearly five hundred years old.

It is stated that iu the City of Geneva, Switzerland, registers have been kept of the yearly average of human longevity since 1590. In that year it is given at twenty-two years and six months. At present it is over forty years.

Ammonia is a useful household article which it is worth while to keep on hand for common purposes. It is excellent for cleansing paint, silver,

and glass; a teaspoonful put in the water produces a wonderful effect. Wherever there is grease to be removed, ammonia is efficacious. Consequently it is excellent for cleaning Full Moon, October 6th, Ih. 17m. morning. hair-brushes. Indeed, it is an almost indispensable toilet article. A teaspoonful in a basin of water makes a refreshing bath, which removes all disagreeable odors. Plants flourish luxuriantly under the administration of doses of ammonia. A few drops added to a pint of water is a harmless stimulant to their growth, when not repeated oftener than once a week. Ammonia should always be kept in a bottle with a glass stopper, and the concentrated spirit should be used with care.

LIQUID GLUE.—The farmer often requires glue in mention wood-work. The Druggists' Circular thus tells how easily it made be made :- An excelsieve, boiling till the whole assumes lent liquid glue can be made by dissolving glue in nitric ether. The ether only takes up a certain quantity of glue so that there is no danger of the solution being too concentrated. The glue obtained in this way can be made to have the consistency of molasses, and its tenacity is said to be twice that dissolved in hot water. A few pieces of india rubber of the size of a bullet put into the glue and well shaken will disin a few days, and add to the adhesiveness of the preparation, as well as

Joyful news or the Afflicted,

Life of Man Bitters.

Dropsy, in its worst form, Liver Complaints Jaundice, Swelling of the Limbs and Cace, Asthma, of whatever kind, Dyspepsia, Biliousness, Consumption, Spitting of Blood, Bronchitis. Sick Headache, Running Sores, Erysipelas, Stoppage of Monses, Kidney and Gravel complaint, Measles, Fevers, Sea Sickness, Spina-Disease, or Affliction of the Spine, Heart Disease, Pleurisy, Piles, Coughs, Colds, and Whooping Cough, Diptheria, and Sore Throat, Pain, in the Stomach, Worms, Rheumatism, Diarrhoa, Dysentery, Cholera, Cholera Morbus. Tooth ache, and Ague, Sprains, Strains, Felons, Chilblains, Burns, Scalds, Bruises, Sore Eyes, Lame Back and Side, Boils, Cuts, Cracked Hands, &c. For Certificates, &c., taken be ore Justices of the Peace, see pamphlets which can be fur-

uished at the Agencies. Agents at Halifax-Brown, Bros. & Co; John K. Bent.

> Manufactured by C. GATES & CO., Middleton, Annapelis Co., N. S.

Bitters \$1 per bottle : Syrup 50 cents per bottle; Liniment 25 cents per bottle and the ointment 25 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.

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A practical man will travel over the Province twice a year, for the purpose of tuning, repairing, and taking orders. Instruments warranted for 5 years. Melvern Square, Wilmot, N. S. June 18.

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A. McBEAN, Speretary. April 2.

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Our prices are as low as any in the city. Silk Hats made to order by Conformateur Measure, without extra charge. EVERETT BROTHERS. 100 Granville St. May 3.

HALIFAX, N. S., OCTOBER 8, 1873.

MESSENGER ALMANACK.

OCTOBER, 1873.

Last Quarter, " 13th, 2h. 11m morning. New Moon, " 21st, 6h. 41m. morning. First Quarter, " 28th, 7h. 55m. afternoon. Ulpani SUN. | MOON. | High Tu.

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THE TIDES.—The column of the Moon's Southing gives the time of high water at No. 2. Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine, 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 minutes later.

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

1.43. the time of the sun's setting from 12 hou. and to the remainder add the time of rising n. x ... orning

NOTICE.

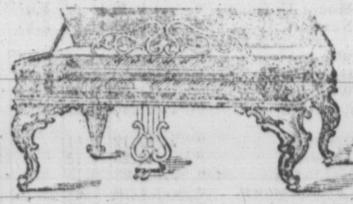
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There are about 100 grafted apply trees producing from 60 to 200 barrels annually. This property is so well known that further particulars are unnecessary.

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

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G. M. BURNS. St. John. N. B., May 13th, 1873. 2mtbs. pd.

IN) ERCOLONIAL RAILWAY.

1873—nummer Arrangements—1873 COMMENCING ON

MONDAY, 26th May, 1873.

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No. 1. (Through Passenger Express) will leave Halifax at 730 a. m., and be due in St. John at 8.30 p. m. This train will stop (tetween Halitax and Truro) only at Windsor Junction and Shubenacadie; and (between Painsec and St. John) only at Booking Stations, except where it may be necessary to cross other trains or to put down passengers who may have get on board at Pain-ec and stations East and South of that place.

(Through Passenger Express) will leave St. John at 8 a.u., and be de in Halifax at 8.50 p.m. This train will stop(be'ween St. John and Painsec) only at Jampton, Sussex, Petitcodiac and Moneton; and (between Truro and Halifax) at Shub enacadis and Windsor Juncton, except where it may be necessary to cross trains or to put down passengers who may have got on board at stations North

and West of Truco. FOR THE LENGTH OF THE DAY .- Add 12 Nos. 3 and 5 (Pict a Passenger Accommodation) will leave Halifax at 6.15 a. m., and be due at Pictou at 12 15 p.m. Nos. 4 and 6, (Shediac Passenger Accommodation) will leave St. John at 7 a. m.,

> and be due at point DuChene at 12.15 Nos. 7 and 9. (Freight and Passenger Accommodation) will leave Halifax at 11.30 a. m., and be due at Pictou at 8.15 p. m.

> > and 10. (Freight and Passenger Ac-

commodation) will leave St. John at 10.50 a. m., and be due at Point Du-Chene at 7.25 p. m. No. 11. (Truro Freight) will leave Halifax at

3 30 p. m., and be due at Truro at 9.10 p. m. No. 12. (Passenger Accommodation) will leave Painsec at 4.20 p. m., and be

due at Point DuChene at 5.00 p. m. No. 13. (Traro Passenger Accomodation) will leave Halifax at 5.15 p. m., and be due

Truro at 8.15 p. m. No. 14. (Passenger Accommodation) will leave St. John at 2.00 p. m., and be due at Hampton at 3.10 p. m.

No. 15, 17 and 19. (W. & A. R.) will leave Halifax for Windsor Junction at 8.00 and 8.45 a. m., and 3.00 p. m.

No. 16. (Peticodiac Freight) will leave St. John at 245 p. m, and be due at Petitcodiac at 8 p. m.

No. 18. (Sussex Passsenger Accommodation) will leave St. John at 4.40 p. m., and be due at Sussex at 6 40 p. m. (Truro Passenger Accomodation) will

leave Truro at 6.00 a. m., and be due in Halifax at 9 15 a. m. No. 21. (Sussex Pas-enger Accommodation) will leave Sussex at 7 a. m., and be

due in St. John at 9.00 a. m. No. 22. (Truro Freight) will leave Truro at 6 45 a. m. and be due in Halifax at 1 20 p. m. Nos. 23 and 25. (Shediac Passenger Accommo-

dation) will leave Point Duchene at 650 a.m., and be due in at John at No. 24 and 26. (Freight and Passenger accom-

modation) will leave Pictou at 6 00 a. m, and be due in Halifux at 2.35

Nos. 27, (Petitcodiac Freight) will leave Petitcodiac 7.00 a. m. and be due in St. John at 1 30 p. m. Nos. 28 and 30. (Pictou Pas enger Accommo-

dation) will leave Pictou at 1 45 p.m. and be due in Helifax at 7 30 p m. No 29, (Passenger Accommodation) will leave Hampton at 5.45 p m a.d be due in St. John at 6 55 p. m.

Nos. 31 and 33. (Shed ac Passenger and Freight Accommodation) will leave Pt. Du-Chene at 10.30 a. m. and be due in St. John at 7 45 p m. Nos. 32, 34 and 36. (W. & A.R.) will be due

in Halifax at 11.00 a,m. 6.45 p. m and 8 25 p. m. No. 35, (Passenger Accommodation) will leave Point DuChene at 3.20 p m. and be

due at Painsee at 4 p. m. Nos. 37 and 39, (Truro and Moneton Freight Passenger Accommodation), will leave Truro at 9 30 p. m. and be due at

Moneton at 8:10 a. m. Nos. 38 and 40, (Moneton and Truro Freight and Passenger Accommodation), will leave Moneton at 6.45 p. m. and be

due at Truro at 5.30 a.m. LEWIS CARVELL, General Superintendent.

RAILWAY OFFICE, Moneton, 19th May, 1873. 5 May 21.

THE CHRISTIAN MESSENGER

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