Agriculture.

WATERING GARDENS IN HOT WEATHER.

Injudicious watering is an injury to most garden plants; but properly performed, (for there is a right and a wrong way of doing it) it is a great aid to the plants, and few are the gardens, flower or vegetable that are not watered artificially during the period of summer drouth. A slight watering in the middle of the day is an injury rather than a benefit. The heated earth at once absorbs the water thus applied, it bakes and forms a hard crust about the plant, and dews are not absorbed, and the plant is in reality worse off than if no water had been put on. It is more important to keep the soil light and loose about newly set plants, flowers, &c., than it is to drench them with water. When this is done the moisture comes up from below, the dew is absorbed, and the plant thrives, which it cannot do so long as the surface is crusted over. Always water at night; and before watering have the ground loosened up with the garden rake. Then water liberally-the application of a little water is often no better than none. Indeed we had rather keep the hoe going in a flower or vegetable garden in hot, dry weather, than the watering pot. The plants will stand the drouth better by the former than the latter mode. Too much water is as injurious to vegetable life as too little; to drown out your plants is as tad as to have them scorched-therefore use judgment in watering, as well as in other matters connected with the care of a young garden .- Maine Farmer.

To CLEAN A RUSTY PLOW .- Take a quart of water and pour slowly into it half a pint of suiphuric 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.) Wash the mouldboard, or any other iron that is rusty, with this weak acid, and let it remain on the iron until it evaporates. Then wash it again. The object is to give time for the acid to dissolve the rust. Then wash with water, and you will see where the worst rust spots are. Apply some more acid and rub those spots with a brick. The acid and the scouring will remove most of the rust. Then wash the mould-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 antil spring. When you go to plowing, take a bottle of the acid water to the field and apply it to any spots of rust that may remain. The acid and the scouring of the earth will soon make it perfectly bright and smooth. If all iron work be washed over with petroleum as soon as we put our tools, implements, and machines aside for the winter, it will keep them from rusting, and save a great deal of trouble and annoyance, to say nothing of depreciation and loss.

SHEEP WASHING,-To be at once safe and efficient, the weather should be warm, the water itself-a running stream, or douche supplied by a dam -should not be too cold, the animals should be handled gently, and the cleansing be quick and thorough. The sheep should, without being driven over dusty roads, be at once turned in to a clean sunny pasture. Some prefer washing the wool altogether off the sheep's back; and in some countries the practice of washing the sheep in warm water has been lately introduced-a refinement which we are hardly likely to adopt in Canada.

COFFEE CARE. - Two eggs, one cup of butter, one cup of molasses, one cup of strong coffee, made, one tablespoonful of soda, one pound of raisins chopped fine; add cinamon, numeg and cloves to taste. No not make it too stiff. Bake in a moderate oven.

The best bank is a bank of earth. It never refuses to discount to honest labor. The best shares are plough shares, on which dividends are always liberal.

Leaky tin pans and iron articles are easily and quickly mended by hammering a small nail or tack of soft lead to fit the hole; cut off each side and rivet it down. Rivets of soft iron or other metal may be used to mend kettles, etc.

Scientific.

INFLUENCE OF TREES ON CLIMATE._

The subject of the influence of " foresting," or the planting of trees, upon the climate of a country, and of "deforesting," or destroying the forest growth, continues to excite much interest throughout the world, as it is now well established that the climate of many localities has been materially altered by one or other of these processes. Systematic efforts have been made, in different parts of the world, for introducing a growth of trees where these had either disappeared or had never been known, from which important results have followed in many instances. We have before referred to the effect upon the climate of India by planting extensive forests of different species; and we are informed that, as the consequence of a similar experiment, Egypt, which formerly had only about six rainy days every year, since being replanted on a large scale, has already attained to twenty-four. Among the enlightened measures of the administration of the French government, one which is especially noteworthy is that of planting immense tracks of land in Algiers, especially with Australian trees-namely, the Acacia mollisima and Acacia lophtintha. -Plantations of these trees, started a few years ago, have attained a height of from nine to twelve feet, and in their rapid growth and great extent have already changed the climate very much-twice as much rain and dew falling in the neighborheed as before. Under the same auspices, sixteen square miles of the swampy unhealthy country along the Bay of Biscay, in the department of the Landes, was planted with millions of trees-especially the cork, oak and swamp pinewith surprisingly beneficial results; the trees having drained the land so as to destroy the swamp fevers, and to change it into a healthy country with pine forests. Biscay law requires that for every tree cut down, two shall be planted, and it is said to be executed with rigorous severity.—Harper's Magazine for June.

OLD SHORS .- Children, you probably think that if you look very sharply at an old shoe when you throw it away, you will know it again if ever it comes back to you. But that does not at all borders. follow. One of these days you may button your dress with an old pair of slippers, comb your hair with a boot, or grasp a cast-off gaiter in your hand while you eat your dinner. You do not see how this can be? Well, we will SEVENTY MILES.

Old shoes are turned to account by manufacturers in the following manuer: they are cut into very small pieces, and kept for a couple of days in chloride of sulphur. The effect of this is to make the leather hard and brittle. Next the material is withdrawn from the action of the chloride of sulphur, washed with water, and dried. When thoroughly dry, it is ground to powder and mixed with some substance like Bonds, over \$214,000. For sale by glue or gum, that causes it to adhere together. It is then pressed into moulds and shaped into buttons, combs, knife-handles, etc. So you see how it may come to pass that you will comb your hair with a boot, and fasten your clothes with a slipper.

RECIPES

PRESSED CHICKEN .- Boil two chickens till tender, take out all the bones Diseases. and chop the meat fine, season, to your taste with salt. pepper and butter, pour in enough of the liquor they were boiled in to make it moist, put into whatever mould you wish, and when cold turn out, and out into slices. It is excel-

POTATO PONE .- Wash, peal, and grate two pounds of potatoes, and four ounces each of sugar and butter (or beef dripping) melted, one teaspoonful each of salt and pepper, mixed well together, place in a baking dish, and put into a brisk oven until nicely brown.

CURIOUS EGG. -A correspondent informs us that, a few weeks since, at Westford, Mass., he saw a newly broken egg, having the usual quantity of white and a yolk, and, in addition, another (smaller) egg, an inch or more in diameter. The inner egg contained white only .- Scientific American.

To soften putty, boil in water enough to cover the lump, adding a little linseed oil, and stir while hot.

MESSENGER ALMANACK.

AUGUST, 1871.

New Moon. "16th, 2h. 47m. morning.

First Quarter,

" 23rd, 7h. 21m. morning.

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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, Newpo t, and Truro,

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Ha ifax. 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.

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.

New York and Oswego Midland Railroad.

FIRST MORTGAGE BONDS.

Principal and Interest payable in Gold.

Interest 7 Per Cent. Gold per annum free from Government Tax.

200 miles of road Anished, and doing a profitable business.

THIS road spans the State of New York I from its Metropolis to its Northern

Its Northern terminus is at the city of Owego, on Lake Outario. It shortens the railroad connection of the City of New York with Oswego and Canada FURTY FIVE MILES, and by means of a branch at Auburn, where it connects with the New York Central, it shortens the connection with Buffalo and the West

The Company has a contract with the Delaware and Dudson Canal Com; any for the transport of their coal, which adds largely to the business and profits of the coal.

The PAID-UP CAPITAL of the Company is about \$6,500,000, which it is believed is a larger Capital than any other railroad enterprise in the United States ever started with. The issue of Bonds is limited strictly to \$20,-000 per mile of ROAD ACTUALLY BUILT AND IN

The annual earnings of the road are estimated at nearly \$900,000; the operating expenses will not exceed fifty per cent. which would leave, after payment of interest on

W. S. STIRLING, Halifax, T. S. WHITMAN, Annapolis, G. OPDYKE & CO., Bankers, N. York. April 19th.

A. V. P. B.

A RCHIBALDS. VEGETABLE PAIN A BALSAM is an article worthy of patronage and should be found in every house. It is equal if not superior to any other Pain Mixture for Coughs, Colds, and all Lung

The Proprietor has removed to Trure, Colchester 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. 1 yr. Oct. 21.

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Price 8 cents or \$6.00 per 100. TRY NELSON'S CHEROKEE VERMIFUGE.

THIS valuable Indian combination has L been successfully used by physicians, and found to be safe and sure in eradication worms in persons of all ages. Prepared by W. J. NELSON, Bridgewater, N. S.

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Patent Sectional Spring Bed

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 to e facility with which it can be taken apart and cleaned, they feel certain that it will be found to be a most convenient article.

GORDON & KBITH. May 20:

EAGAR'S Peruvian Bitters!

COMPOUND

Of Peruvian Bark, Sarsaparilla, Dandelion, Wild Cherry, and other valuable remedies. AN EXCELLENT

TONIC, APPETIZER, & STIMULANT

Cures LIVER COMPLAINT, DYSPEPSIA ACIDITY of the .TOMACH, DEBILITY and PAIN in the BACK, RESTORES the VITAL ENERGIES, when exhausted, braces up both the Nervous and Muscular System, PURIFIES the BLOOD, and Restores the Appetite. Particular attention is called to the fact

PERUVIAN BITTERS

are not an Alcoholic preparation, but simply a scientific combination of valuable Roots and Barks, which purifies the Blood and restores the waste, thereby bracing up both the Nervous and Muscular Systems, and giving that doom; and arranged last autumn for a rest and permanen HEALTH, STRENGTH and VIGOR, both of mind and body which nature intended man should possess.

every disease, but in cases of GENERAL DE. BILITY and its effects, such as Dyspepsia, Loss of Appetite, Weakness of the small of the Back, Weak Momory, Indepositon for Exertion. Sense of Fullness after Eating, &c., caused by anxiety over exertion, mental or | which, however, were dissipated in the course bodily, late hours, and excesses of every kind, of four or five months. For the first three

Although these BITTFRS contain no Alcohol, they will most efectually wean the taste from | ing my whole system; my work, which for Stimulants and enable the system to dispense with them at once.

The proprietor, although averse to the practice of putting any medicine, teels it his duty to give publicity to the following certificates. College; Capt. Hardy, R. A.; Mr. Solomon, Lunenburg; and Dudley de Chair, Esq, Halifax, will be sufficient to establish its reputation as a reliable and valuable medicine.

CERTIFICATES:

I have found Mr. Eagar's PERUVIAN BIT-Tars beneficial to myself and in my family and have heard of their being used with good effect in another case in Windsor. HENRY HOW, D.C.L. (Signed) 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. HABDY, (Signed) Capt. R A.

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.

I have tried Mr. Eagar's PERUVIAN BITTERS, and can strongly recommend them. DUDLEY DE CHAIR. Signed, Halifax, June 3, 1869.

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ODONTINE ESSENCE

gives instantaneous relief in all cases of Tooth Ache arising from hollow teeth and exposure

Thousands of bottles have been sold and in no case has it failed to give satisfaction. Be sure and obtain Eugar's Odontine Es sense; take no other.

The money will be returned if it fails to give relief when used according to directions in cases of tooth, ache from exposed nerve. 25 CENTS PER BOTTLE.

If the above article cannot be obtained at the stores near where you live send the price in stamps to the subscriber's address and it Kil er now in use. Also, Archibald's Coagh | will be forwarded immediately. Dealers supplied on liberal terms

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NEW WHOLESALE DRUG STORE, 149 Hollis St., Halifax.

The subscriber is prepared to execute orders for Drugs, Chemicals, Perfumery, Patent Medicines' Paints, Varnishes, Oils, Tellet Articles, and all other articles usually supplied by Drug Houses.

Being a gent for first class Surgical Instru ment makers in London and Paris, their respective priced lists can be seen at his establish-

His knowledge of the London, Liverpool and Parisian Markets, enables him to offer goods at very low prices for cash as will be seen by a few quetations below :

Hair Oil, at from....\$0 37 per dos Perfume, Black Cup Pomade, " 1 00
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Prices of any articles will be given with pleasure when required. Should any article purchased at his establishment not prove to be what it is represent-

ed, it can be returned at his expense, if not otherwise made satisfactory. M. F. EAGAR.

149 Hollis St.

And the diseases of the anterior and posterior naries, throat, bronchia, lung , heart, liver, kidneys, and uterus, and twenty years spent in investigating, experimenting and proving, with the medicinal and therapeutic properties of the roots, barks, plants and shrubs, indigenous to Massachusetts, Maine, New Brunswick and Nova Scotia,—he has discovered new remedies, and new modes of treatment, for Consumption, not previously known to Medical Science; and with the large number of cases treated, relieved and cured during the past ten years, in Maine, Massachusetts, and in different sections of Nova Scotis, has proved, beyond the shadow of a doubt, that Consumption, very often in its ad. vanced stages, with his medicines and mode of treatment, can be cured.

DR. JOSEPH D. DAVIS

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and practical experimen ing concerning

CONSUMPTION.

that terrible disease

thirty years of study, investigation

He has, at great expense, procured from London, Paris, Vienna and the United States. the finest and most delicate instruments to enable him to thoroughly diagnosis diseases.

> CAPE SABLE ISLAND. N. S.) July 15th, 1870.

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DR. DAVIS-

Dear Sir-The wisest of men has said that in "a multitude of counsellors there is safety." Having been benefitted by your medicines, I wish to say it to others who may be suffering from lung diseases. Early in 1869 my health began to give way, until such a lack of vital tene was experienced that I concluded it was time to try to avert the impending danger or a visit to my native Province; but on returning found myself no better; I became discouraged, fearing if no help could be obtained that I should This BITTERs is not sold as a specific for have to abandon my work in the ministry. Happily for me, as the sequal proved you were directed this way last winter; and, upon examination, you said my lungs were in a tubercular condition, and advised me to take medicine; to which I consected, with many misgivings, months I could not discern much change; but after that began to feel a new vitality permeat. months had been burdensome, became lighter and more agreeable; and now I enjoy a vigorous state of health. If this testimony shou'd induce any who are suffering from lung disease to employ you, with the same success. I do not doubt -Hundreds could be added, but such names | but they will feel that, under the Divine bless. as Dr. How, Professor of Chemistry at King's | ing by which you have been enabled to gather such valuable knowledge from nature's store house, they are your debtor. With earnest prayer that you may succeed in business and become a bles ing to many of the afflicted, I remain, with kindest regards. WM. M. KNOLLIN,

Dr. DAVIS has taken rooms at the LOVITT HOUSE, 68 Hollis Street, where he will remain until the 1st July next, and may be consulted daily from ll u. m, to 6 p.m.



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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,

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HOME CIRCLE. Vol. 1. PLANIST'S ALBUM. PIANO-FORTE GEMS. The above spiendid books belong to what w

and have become almost indispensible to teachers, and to all persons wishing the largest collection of the best instrumental music at the lowest price. The music may be played on the PIANOFORTE, MELODEON or CABI-

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