

FARM, FIELD AND GARDEN.

ITEMS OF GENERAL INTEREST TO BOTH FARMERS AND GARDENERS.

All About Land Plaster—How It Varies in Quality in Different Sections of the Country—When and Where It Produces Best Effects

In a report from the Wisconsin experiment station, the following statements about land plaster and its results:

Land plaster from different sections is subject to great variations in quality, the impurities ranging from 1 per cent. to over 50 per cent. The most common impurities are carbonate and silicate of lime.

It seems probable that the most important effect of plaster is caused by its power of setting free potash, and some other elements of plant food, from insoluble combinations in the soil, making them soluble and available. This hypothesis is made plausible by the fact that ash of plastered plants nearly always contains a greater proportion of potash than that of plants not plastered.

Moreover, plaster gives the best results upon clay soils, and others which contain considerable potash in an insoluble form, and favors those plants which require much potash for their development.

Although opinions differ as to the manner in which plaster acts, there is no question as to its value when applied to some crops. It is particularly a clover manure, and generally gives better results with this crop than any other. The best results have been obtained by application in moist weather, in the autumn, or early spring before the crop has made much growth. It will then be dissolved by the spring rains and carried into the soil. Applications of from 100 to 300 pounds per acre have been recommended, the smaller amount often producing as marked results as more, about 200 pounds is the quantity generally used.

Thrashing Corn Before Husking It.

Inquiries are coming all the while as to the comparative value of husking corn in the old way, and by the newly recommended plan of passing it, stalks and all, through the thrasher. In answer to one of these queries Country Gentleman replies: "So far there are some drawbacks. To succeed well, the corn must be so thoroughly matured as to shell freely from the cob, and to reach this condition sufficiently, the stalks must be so dry as to lose a considerable portion of their value. Usually the shelled grain will not be dry enough to prevent molding when in large masses of corn, the air not having had time to pass through it given to corn in the ear. The attempt to avoid this difficulty by husking the crop in the barn to dry before thrashing has proved a laborious task, and the drying has been imperfect after all. Leaving it in shocks in the field has resulted in a general injury by long exposure to rain and storms. The question naturally occurs whether there would be an actual saving of labor after counting all the extra work required for handling the stalks, running the machine and taking care of the undried grain, as compared with the old way of husking and cutting the fodder after it has become dry in winter.

A Formula for Liming Eggs.

The most popular mode of laying down eggs for long keeping is known as the liming process. This is done by one heaping slacked lime and eight quarts of salt to sixty-five gallons of water, or in these proportions for a smaller quantity. Slack the lime with a portion of the water, then add the balance of the water and salt; stir it well and when settled and cold draw or dip off the clear pickle into the preserving cask to the depth of fifteen inches, and carefully put in as many fresh eggs as the pickle will cover, then pour in a little pickle that is slightly milky, made so by stirring into it a small amount of very light lime paste last settled last, and continue in this way as every lot of eggs is added; be careful to use fresh eggs and do not put in lime enough to settle in a thick sediment so as to hold the eggs fast and prevent their being taken out easily. Keep the cask in a cool place, with the eggs always covered a few inches with the pickle.

Salt for Domestic Animals.

Salt is a necessity to domestic animals. It counteracts the ill effects, in a great measure, of wet pasture on sheep and tends to prevent foot rot. It increases the flow of saliva, and therefore assists digestion and hastens fattening. It is a good plan, in making mixtures of clover, potatoes, beets, bran, oil cake, etc., to add salt.

The daily allowance of salt recommended by the French government commission is, for a milch cow or ox, two ounces; for fattening stall fed ox, two and a half to four and a half ounces; for a fattening pig, one to one and a half ounces; for a lean sheep, one-half to three-fourths of an ounce; for a horse, one ounce. The American plan of letting farm animals have constant access to salt is better and more convenient.

Hardy Pears.

Dr. Hoskins, in American Garden, says that the northern range of successful pear culture on the Atlantic slope does not anywhere extend north of 45 degs., except in Michigan and in the low valley of Lake Champlain, extending to Montreal. A line drawn westward from Bangor, Me., to Montreal, bending in a long sweep to the southward of the White Mountains and to Lake Champlain at Burlington, will mark the northern limit of pear culture. A list of American seedling pears is then given, found to succeed just below this line, including the following: Fulton, McLoughlin, Goodale, Chondaga, Clapp's Favorite, Tyson, Howell, Lawrence and Columbia.

A Sowing Harvest.

A farmer had better be without hoos than without a sowing harvest at this season of the year, says Country Home. It is the best weed killer in the potato and corn fields that was ever invented. The patent has expired, and one is easily and cheaply made or purchased. It takes some courage for an old fashioned farmer to go over the sprouting potatoes and to get over the sprouting. The writer has had to threaten to burn a young corn in the old days before the use of the sowing harvest. It is a drive, one on the crop. It is a month's time the young corn is sowed to think what the father have been with their long.

The New York experiment station has the opinion that the quantity of timothy after the bloom is not sufficient to give the lower digestibility of the large increase in fiber.

Summer Drinks.

The summer weather suggests to the Lancet some remarks upon summer drinks. There is a natural great temptation to slake thirst whenever practicable, and to re-establish the balance of fluid in circulation which has been destroyed by perspiration. How this can best be effected becomes therefore a question of great importance. Many persons doubtless increase their discomfort by injudiciously drinking quantities of cold water, which serve to stimulate the sweat glands, and so to increase the amount of loss by perspiration. While the cold-water cure is to be deprecated, it should not be for gotten that it is equally if not more foolish to indulge freely in alcoholic stimulants. For the time certainly allay this by stimulating the salivary glands; but afterwards they promote relaxation of the arteries and increase the rapidity of the heart's action, and are hence followed by a speedy Nemesis. The cooling influence of acids should be remembered in times of high temperature. The acid employed with necessity be largely a matter of taste. Most persons would shrink from the use of diluted solutions of citric or tartaric acid, and yet many find relief from a beverage composed of diluted and unweakened lemon juice. Should either be found to agree with the digestion, a very pleasant summer drink may be compounded of equal parts of cider and of pure fruit of effervescing water, the Hereford or rough cider being a rule, more palatable than the sweetened forms. Cold tea has many adherents; but it is worth noting that it should be poured out while hot, and not allowed to stand to cool in contact with the leaves. With regard to iced drinks, it should be borne in mind that the refreshing sense of coolness resulting from their employment is but a speedily followed by reaction. "American drinks" also are to be employed only in great moderation and with caution, being liable to induce catarrh of the stomach during the period of reaction following the primary chill. One of the so-called "temperance drinks" and of the common lemonade and ginger-beer there is little to be said, providing that the purity of their source can be ensured.

A Possible Inheritance.

Bobby (thoughtfully)—Pa? Father (nervously)—Yes, ya-as, what is it? Bobby—Do you think I'll be as cross as you are when I grow up?—Texas Siftings.

A Duck at a Story.

My little one was 5 last summer. I took her down to Bangor. She had never seen any ducks. One day we were out in the yard, and she saw some out speaking, and then she said: "Haven't they got long lips?"—Dust in Globe.

The weather has been:

Too hot to read, too hot to write, Too hot to even be polite; Too hot to saw, too hot to knit, Too hot to be ungracious, bit; Too hot to sleep, too hot to wake, And far too hot to brew or bake; Too hot to think, too hot to talk, Too hot to ride, too hot to walk; Too hot to lecture or to preach, Too hot to scold, too hot to teach; Too hot for mantle, veil or glove; Too hot to dream of making love; Too hot to laugh, too hot to cry, Too hot to live, too hot to die; Too hot to hate, too hot to sing, And, oh! too hot for everything; But it is all right now.

Mr. Gladstone, Earl Spencer and the Methodist Preacher.

At a convention of Wesleyan Methodists, recently held at Northampton, England, the Chairman of the meetings related the following incident which occurred some years since at a village three miles from Northampton. It is a little bit of un-likely history. "Lord Spencer and William Ewart Gladstone, were out walking one Sunday evening, when they heard the sounds of singing coming from an old barn. After some hesitation they entered, and were so interested that they stayed to the end of the service. The sermon on that occasion was preached by a local Methodist brother, who was a poor, hardworking, industrious man. Service over, the right hon. gentleman had a conversation with the preacher, and one of them told him he had never heard the gospel preached so faithfully and well in his life before, and he further gave him all the change he had in his pocket.

Mummies Made to Order.

A gentleman who has just returned from an extended foreign tour was asked yesterday why he had not brought home from Egypt, among other curios, a mummy. He said there was a great deal of fraud in the mummy business. Persons purveying mummies, of course, like to get them as well preserved and natural-looking as possible, and these are found generally in a more or less dilapidated condition, vendors having engaged in the manufacture of bogus mummies. They bargain with crimps, beggars and such people for their defunct carcasses, paying therefore a sum sufficient to make their remaining days short and sweet. These fellows are preserved and pickled and then smoked till they are good imitations of the genuine mummy. Whole rows of these articles can be seen in smoke-houses at once. When sufficient dry they are wrapped in mummy-cloth and sold, to Americans chiefly, bringing a high price.

More Remarkable Still.

Found at last, what the true public has been looking for these many years and that is a medicine which although the world has long known, has made for itself a reputation second to none, the medicine is Johnson's Tonic Bitters which in conjunction with Johnson's Tonic Liver Pills has performed some of the most wonderful cures upon or impoverished blood, soon became robust and enriched. Biliousness, indigestion, sick headache, liver complaint, languor, weakness, etc., soon disappear when treated by these excellent tonic medicines. For Sale by (local) druggist, Albion block, Goderich, sole agent. [d]

A Little Girl Appeals to Kitty's Family.

A little girl of Knickerbocker descent, in whose presence the family glories were often decanted on, was overheard lately rebuking her pet kitten for some misdemeanor. Holding pussy by her fore paws and looking her full in the face, she remarked: "I'm ashamed of you, Kitty, for being so naughty; and just think your grandmother was a Maltese!"—Buffalo Courier.

To the Medical Profession, and all whom it may concern.

Phosphatine, or Nerve Food, a Phosphate Element, based upon Scientific Facts, Formulated by Professor Austin, M. D. of Boston, Mass., cures Pulmonary Consumption, Sick Headache, Nervous Attacks, Vertigo and Neuritis, and all wasting diseases, the human system. Phosphatine is not a Medicine, but a Nutrient, because it contains no Vegetable or Mineral Poisons, Opium, Narcotics, and no Stimulants, but simply the Phosphate and Gastric Elements found in our daily food. A six bottle system is sufficient to convince. All Druggists sell it. \$1.00 per bottle. LOWEY & CO., sole agents for the Dominion, 55 Front Street East Toronto.

John Brooks, who is the oldest man in Michigan, 102 years of age on Monday, claims that during his long life he never made use of a "cure" word.

"The word language I remember of ever having used, and for which I have always been sorry," said he, "was once when a terribly ugly cow I had was acting at her old with the devil. I thought afterwards I might have said she was a very bad cow just as well."

The Princess of Wales' Bath.

The Princess of England, whose complexion is not only the finest, but who has best avoided the wear and tear of time, takes her morning plunge regularly and in water fairly cold, but she is particularly careful to promptly make use of the flesh-brush, using gloves of moderate roughness rapidly over the surface of the body, general rub, occupying both for the bath and thus, however, if one may call it such, twenty minutes in all. At night the same lady's bath is prepared with tepid and of distilled water, the admirable advantage of which is not properly understood. Every particle of foreign matter is removed from distilled water, so that it is absolutely pure. It costs about 12 cents per gallon and can be used, a quart at a time, for a quick sponge bath, with a desirable effect, especially when combined with a little glycerine and rose water.

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It is Absurd

For people to expect a cure for Indigestion, unless they refrain from eating what is unwholesome; but if anything will sharpen the appetite and give tone to the digestive organs, it is Ayer's Sarsaparilla. Thousands all over the land testify to the merits of this medicine.

Mrs. Sarah Burroughs, of 248 Eighth street, South Boston, writes: "My husband has taken Ayer's Sarsaparilla, for Dyspepsia and torpid liver, and has been greatly benefited."

A Confirmed Dyspeptic.

C. Canterbury, of 141 Franklin st., Boston, Mass., writes, that, suffering for years from Indigestion, he was at last induced to try Ayer's Sarsaparilla, and, by its use, was entirely cured. Mrs. Joseph Aubin, of High street, Holyoke, Mass., suffered for over a year from Dyspepsia, so that she could not eat substantial food, became very weak, and was unable to care for her family. Neither the medicines prescribed by physicians, nor any of the remedies advertised for the cure of Dyspepsia, helped her, until she commenced the use of Ayer's Sarsaparilla. "Three bottles of this medicine," she writes, "cured me."

Ayer's Sarsaparilla.

PREPARED BY Dr. J. C. Ayer & Co., Lowell, Mass. Price 25¢; six bottles, \$1.50. Sold by all druggists.

MAX ACTS UPON THE BLOOD

THE BLOOD AND WILL CURE. For sale by James McKay Druggist, Dundas street, Goderich, Ont.

GRAPEFUL-CONFORTING.

EPPE'S COCOA. For sale by James McKay Druggist, Dundas street, Goderich, Ont.

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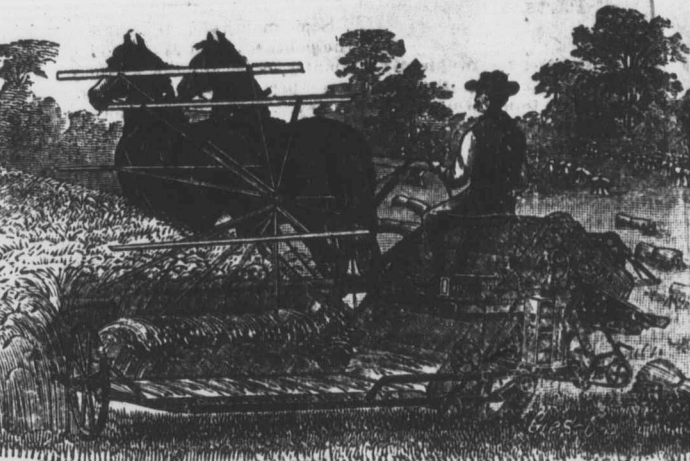
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The HARRIS STEEL BINDER.



Having had about fifteen years' experience in repairing mowers and reapers, there are few important items that I have discovered in regard to the Harris Steel Binder, which to my mind gives its superiority over all others:

1. Repairs can be furnished on shorter notice than by any other company.
2. Orders left with me at 5 p.m., can be filled by 3 p.m. from the manufactory. This is the most important point to be considered during the busy harvest time.
3. The machine, though light, is so strongly built, almost exclusively of steel, and is therefore better able to stand work and weather than any of the others.

Farmers wanting the best machine, the most easily handled, the most durable, and not easily repaired, are invited to leave their orders at my shop. I have the largest stock of repairs for various machines of any agent in the section.

D. K. STRACHAN,

Practical Machinist, Engine Builder and General Repairer of all kinds of Machinery, such as Sawmills, Threshing Machines, etc. Samples of the best binding-twine made are kept on hand, and farmers requiring any quantity can be supplied. Leave your orders. 2109 WILSON-VICTORIA-ST., GODERICH.

HEADQUARTERS FOR

BOOTS AND SHOES.

E. DOWNING,

The Old Established Boot and Shoe Man of Goderich, still to the front with one of the Largest Stocks in the Dominion, comprising

EVERY STYLE, QUALITY, & PRICE.

AN IMMENSE STOCK OF

Ladies' Fine Goods

In Button Boots, Halmoraks, Congress, Oxford Ties, fifteen different styles of Kid Slipper-Boots, etc., up to any price you like. Fell, Flax, Repp, Prunella, Carpet, Wagon and German Slippers in profusion.

OVERSHOES AND RUBBERS

Over every description (both of Canadian and American make). I would also call the attention of FARMERS to that part of my stock especially suitable for them, such as

Long Boots in Calf, Kip and Cowhide,

FELT BOOTS AND MOCCASINS.

I have a line of Felt Boots, my own make, acknowledged to be the Best Felt Boot made in Canada. Prompt and careful attention given to

ORDERED WORK AND REPAIRING.

Place your order in mind—I have by far the largest stock of Boots and Shoes in town. They are of the very best quality procurable, being made by the best manufacturers in Canada. And I will sell at prices lower than any one else.

Soliciting a continuance of your valued custom, as liberally as during the past fourteen years, I remain, yours faithfully,

E. DOWNING,

Craig's Block, Cor. East-st. and Sonora.

PURE

PARISGREEN;

HELLEBORE,

INSECT POWDER

AT

RYNA'S

THE DRUGGIST.

W.M. KNIGHT,

294 West Street, two doors east of P.O., Goderich

NEW ANNOUNCEMENT!

The undersigned, while thanking the public for their liberal patronage bestowed upon him since commencing business, begs to announce that he has put down his prices to

ROCK BOTTOM FIGURES,

and wishes particularly to call attention to his

SPLENDID LINES OF TEAS

from 10 cts to 75 cts per lb. Maple Syrup, finest case Prunes

pure Spices, Lawry celebrated Bacon, cooked Corn Beef,

Cut Myrtle, Cavendish and Club Tobaccos, best

American fine cut chewing Tobacco, fresh

salt and canned Fish, best quality.

12 Bars of Soap for 25c. 3 Scrubbing Brushes for 25c.

Lemons, Oranges, Mixed Candy, A No. 1 Chocolate Drops, etc., etc. General

Groceries, Crockery, Glassware, Flour, Feed.

Highest price paid for farmers' produce.

JOHN ROBERTSON

SUCCESSOR TO C. L. MINTOSH,

Blake's Block, the Square, Goderich.

Goderich, March 2nd, 1888.

On the w that passed the ob inscription people. M

Says the "While y Exchange

The man at a railro for refresh enough to "Pardon r —The Expo

Whitey event played with as And he sure of In a sea of tea

Her lips, just all Was stung w And I thought if The last of the