

The Farm.

Liming the Soil.

Excessive amounts of lime, especially on light soils, may have an injurious action. The instances in which liming is undesirable are stated as follows by Dr. H. J. Wheeler, who has thoroughly investigated the action of lime in the soil at the Rhode Island station:

Freshly slacked lime upon light sandy soils containing but small amounts of organic matter hastens unduly the decomposition of the organic matter and thus renders the soil more open and less retentive of fertilizers and moisture than before. If freshly slacked lime must be used upon such soils, it should be applied in small amounts and at not too frequent intervals. Clay marls are much better adapted than other forms of lime for the improvement of such soils. In lieu of such marl, wood ashes or lime which has been exposed to the action of the air for a long time might be preferable to lime freshly prepared.

Before the advent of complete fertilizers it was a common adage that liming "makes rich fathers and poor sons." If lime is used alone, it serves to liberate potash, nitrogen and perhaps sometimes phosphoric acid, and the extra drain of increased crops on the soil naturally leaves it finally in a worse condition than at the outset. In other cases the soil reverts after many years to its former state of unproductiveness without appreciable injury.

Continued success from liming can only be obtained by the use of the other essential manurial fertilizing constituents in connection with the lime. Few if any cases are on record where soils originally in need of lime have failed to continue to give good results from liming when care was taken to maintain a supply of the other essential constituents and where lime was applied in moderate amounts.

There are impure forms of lime which after burning will harden like cement and which on this account may have an injurious action upon the soil. If pulverized without burning, they are capable of yielding good results.

Dolomitic (magnesian) limestone contains widely varying percentages of magnesia and lime. Such stone if containing high percentages of magnesia may sometimes prove objectionable if used exclusively. When such material is applied to soils, the lime is removed by crops and the drainage water more rapidly than the magnesia, and if the lime thus becomes practically exhausted the residual magnesia in the soil may have an injurious action. This can, however, be overcome by adding more lime. Rather than use such lime for long periods of years on the same land it would be preferable to alternate frequently with lime containing little or no magnesia. Some magnesia in lime is by no means objectionable and may on certain soils prove positively beneficial.—Ex.

Agricultural Brevities.

A fine surface will hold down water. Hawkweed is receiving notice as a dangerous and threatening pest.

Our native sparrows are said to be weed destroyers, weed seeds forming an important part of their winter food.

For regions infested with Hessian fly Country Gentleman advises a wise rotation of crops and the use of varieties of wheat having stiff flinty stems which are more resistant than other varieties to the attacks of this insect.

"Lime in the form of carbonate of lime, as in marl, wood ashes, etc., can usually be applied with safety in the spring or at any other season of the year, but autumn is always the safest time to apply caustic or slacked lime," says good authority.

W. W. Rawson of market gardening fame in Massachusetts is quoted by Rural New Yorker to the effect that in planting a late crop of peas there is little danger of mildew if early varieties like Nott's Excelsior, American Wonder or Little Gem are used.

To Kill Canada Thistles.

In regard to killing Canada thistles a correspondent of Farm, Field and Fireside says: I manured the patch very heavy in the fall, so it would raise about 75 bushels of corn to the acre. Then I plowed it up very early in the spring and harrowed it till it was fine and nice. Then I sowed it to hemp and harrowed it in well. It soon came up and grew right along. When about five feet high, it completely smothered the thistles out, as there was not a particle of vegetation on the ground but the hemp. One good crop of hemp will totally destroy them if the ground is made rich.

The Dignity of Farming.

It is a splendid ambition, which leads man to be a skilful farmer.

One cannot help admiring such ability when it is shown in the neat, well-kept house and grounds, the spacious well-painted barns, and out buildings, good fence, well bred farm animals and a thorough system of farm management.

Such men are true artists; they have the artistic sense and ability to construct a fine farm picture. Their neighbours can learn something from them every day. There is an unconscious tuition which goes out from their lives and example.

Such farmers are a blessing to their community and their state. "May their tribe increase." How much finer and larger in every sense is it for a young man to have the ambition to be such a farmer than to enter the over crowded professions. The towns are full of men who come from the farm, who might have been a success there. Many such a man has spoken to us bitterly of the folly of his youth in leaving the farm. Modern agriculture, with its machinery, improved live stock, its books, experiment station reports, dairy schools, colleges and strong intellectual force at work on every problem, is a different thing from that of 50 years ago.

A young man of education and ability can find, on the modern farm, opportunity for all the brain power, all the skill and energy he can muster. The rewards in money, health, comfort and true independence of character, as well as the respect of his fellows are greater here than in the town.

It is a larger field, full of the fascinating mysteries of animal and vegetable life.

Wise is the young man who says early in life: "I propose to make of myself a first class farmer. I will take all the advantages that wide reading and study can bring me. I will show my ability and my skill in the appearance and outcome of my farm. I will establish a neat, tasty farm home that will show the passer by that a man of taste and intelligence lives here. My farm shall be my pride as well as my profit."

Such a man will make a grand, good citizen as well as a farmer.—Hoard's Dairyman.

For The Aged.

Paine's Celery Compound gives the needed stimulus to good digestion and assimilation, and keeps the blood pure.

Nature's medicine brings health and happiness to those in advanced years.

King David, the sweet singer of Israel says: "The days of our years are threescore years and ten; and if by reason of strength they be fourscore years, yet is their strength labor and sorrow."

The physical troubles and burdens of old people are many. Disordered nerves, constipation, flatulence, drowsiness, indigestion, palpitation and impoverished blood seem to make them grow weaker from day to day.

Paine's Celery Compound is a precious and invaluable medicine for old people. It is nature's true nerve, tissue and flesh builder; it keeps the blood pure and fresh from day to day, regulates the organs of digestion, and keeps the appetite natural and healthy. No other medicine in the world so quickly recruits the strength and waning energies of men and women advanced in years. Paine's Celery Compound has added many long years to the lives of old people in the past, and to-day thousands sing the praises of the wonderful medicine, because it has bestowed peace and comfort and kept them free from the infirmities of old age.

SURPRISE SOAP

MAKES CHILD'S PLAY OF WASH DAY

A pure hard Soap Last long—lathers freely.

5 cents a cake.

Selling off SURPLUS STOCK

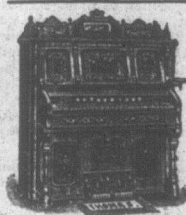
Great Bargains Offered in Pianos and Organs New and Slightly Used

Also in NEW RAYMOND, NEW WILLIAMS and WHEELER & WILSON SEWING MACHINES. USED SEWING MACHINES AT HALF PRICE DON'T KEEP BACK because you cannot pay more than \$3.00 per month on a PIANO, \$2.00 on an ORGAN and 50c per month on sewing machine. WE SELL so we can SELL to your friends after we have sold to you.

MILLER BROS., 101 and 103 Barrington St., HALIFAX, N. S.

People

of refined musical taste buy their Pianos and Organs from the W. H. JOHNSON COMPANY, Ltd., 157 Granville Street, Corner of Buckingham, Halifax.



Thomas Organs

In the "Tone," which has always been a distinguishing feature, in delicacy of "Touch," in ease of manipulation, in simplicity of construction and perfect workmanship, they stand unrivalled and never fail to give satisfaction.

JAS. A. GATES & Co. MIDDLETON, N. S.

Sole Agents.

For the Exhibition.

You will want Show Cases to display your goods. We supply high grade cases at low prices.

Send for Catalogue. A. CHRISTIE WOOD WORKING Co. CITY ROAD, ST. JOHN, N. B.

MENTHOL D&L PLASTER advertisement with text: We guarantee that these Plasters will relieve pain quicker than any other. Put up only in 25c. tin boxes and \$1.00 yard rolls. The latter allows you to cut the Plaster any size. Every family should have one ready for an emergency. DAVID & LAWRENCE CO., LIMITED, MONTREAL. Beware of imitations.

Made in Canada advertisement for The E. B. Eddy Co., Limited. Features an illustration of a man holding a wooden barrel and text: When you buy wooden pails and tubs see they bear a reliable and well-known name, and see that no foreign or inferior make is painted off on you. THE E. B. EDDY CO., LIMITED. Montreal, Quebec.

YOUNG ESCAPE.

A Nervous Wreck BY HEART AND PILLS.

Canadian mothers, who are weak, pale, Mrs. Belanger, 128 St. Ontario, made the so that no one need of the right daughter suffered troubles at times and that she could not and gasp for breath. ly nervous that her shake and tremble. I have to leave school; so weak that we were her health. I gave out they did not seem

Milburn's Heart and a box of them, and worked wonders with and them very highly I ever heard of for those from which and Nerve Pills never cure palpitation, mothering sensation, a, sleeplessness, anaemia and general debility. as at 50c. a box or T. Milburn & Co.,

ILLS not on the natural manner, colons and Impure Constipation, Sour Stomach and Liver Com-25c.

on Can be Cured

That consumption is with that eminent at, Dr. Slocum, who and of help to those king of diseases and that belong to the coneretrofore, wealth has of consumption cure, to far distant climes riums, but now, under have an even chance dutch of consumption, throat troubles. The up the tired and worn who suffer. It drives are living on the vital rich, red, rosy blood; health and strength, fully explained in a many testimonials. all persons suffering ing or throat trouble, sting away, with three this remarkable cure. te, full address and T. A. Slocum Co., Street West, Toronto, MESSENGER AND VISITOR will be sent to delay, but give it a

seeing Slocum's free English papers will o for free samples.

The consensus of opinion of respected and well-known people is universal in praise of the great modern and renowned Gough and Gold remedy.

ectoral

If taken in time it will cure the most distressing Cough or Cold in a few hours, and for all affections of the throat it is invaluable.

PLEASANT TO TAKE

And with the curing powers of no other like remedy FENNY PROCTORAL will meet the requirements of the best cough cure in the world.