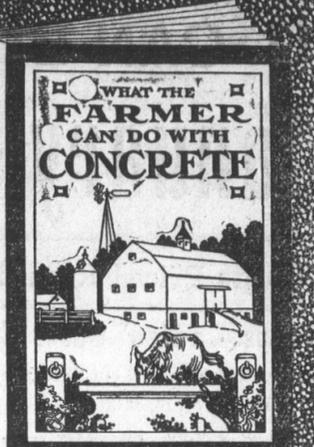


You need this book

Sent FREE to any address



WHAT THE FARMER CAN DO WITH CONCRETE

160 pages of valuable building information—52 useful plans—complete details on how to make improvements on the farm that are fire-proof, weather-proof, time-proof and economical—besides scores of other interesting facts.

It's the standard authority on farm building construction. It has saved thousands of dollars for more than 75,000 Canadian farmers and will save money for you. If you haven't a copy, send in the coupon NOW. *The book is free.*

Canada Cement Company Limited, MONTREAL.

FILL IN COUPON AND MAIL TO-DAY

CANADA CEMENT COMPANY LIMITED, Herald Building, MONTREAL.
665
Gentlemen: Please send me a free copy of "What The Farmer Can Do With Concrete". 1

Name _____
Street and No. _____
City _____ Prov. _____

Scientific Farming

LATE BLIGHT IN POTATOES.

The Crop in Many Parts of Canada Much Affected by Rot.

During the season just passed the potato crop in many parts of Canada received a serious setback on account of a general outbreak of the late blight disease, which resulted in much loss from rot in the field. Potato growers in nearly all sections of Ontario as well as in most of the other leading potato provinces of the Dominion have been affected, except in rare instances where exceptionally thorough spraying was done.

Owing to the fact that late blight rot operates rapidly under moist and temperate storage conditions, the agricultural authorities say that those who attempt to hold all or part of their crop for spring or midwinter prices will likely find a part of it rotting in storage. This makes careful handling to avoid bruising, moderately dry storage conditions and low storage temperatures almost a necessity. Early sales at harvest time are to be recommended when prices warrant and when there is no danger of large consignments rotting on the buyers' hands. Even though tubers may go into storage in an apparently healthy condition, this is no proof that the fungous spores of late blight, which are likely to come in contact with the tubers at digging time, will not produce rapid rotting in storage. Growers harvesting blighted fields may do well to sell early in small quantities so that the product will be



ROTTING IN STORAGE.

consumed in a relatively short time with little or no loss to either the farmer or the consumer.

Owing to the low prices which farmers received for their potato crop during the past season and the present poor condition of the crop, now is a particularly opportune time for careful sorting and grading. By sorting out tubers showing evidence of blight at digging time much further infection by contact may be avoided. By grading the tubers into standard grades and discarding or feeding the culls the consumer will get a better product, which ought to result in a stimulated sale. There are numerous potato sorters now on the market which make two or three grades of market potatoes besides culls. These machines are not expensive, and may be used in the field at the time of picking up the crop, making it possible to haul direct from the field to market. The standard first grade established by an especially appointed commission and recognized by most of the potato buying and selling exchanges of the country includes all tubers which will pass over a chain mesh of one and seven-eighths inches diameter.

ORCHARD AND GARDEN.

Raspberry and blackberry bushes suffer from lack of water during the growing season and also from excess of water. Well drained soil and plenty of water is the ideal condition for bush fruits.

After the ground freezes give fresh fruits, such as raspberries, blackberries, currants, etc., a heavy mulch of manure. Use straw if manure cannot be had. The mulch enriches the soil and prevents alternate thawing and freezing.

Dwarf fruit trees work in well in small gardens. Give them a trial.

Fertilize the rhubarb if you want large stalks, large yields and large prices. Manure three or four inches deep may be applied any time from now until spring.

Time will be saved next spring if the asparagus roots which you grow during the summer are dug and graded ready for planting next spring. The small, weak roots should be discarded. Experiments show that profits are greatly increased by planting large, vigorous roots.

Control Apple Blight.

The most effective treatment consists in cutting off the diseased parts. In young orchards and in nurseries where there is naturally but little blight and in old orchards in seasons when blight is not serious, by cutting out every blighted twig and canker as soon as possible, giving special attention to the body and base of the tree, a bad outbreak may be pre-

You NEVER

need suffer from chapped hands, cold sores, frost bites, or other winter skin troubles, if you will follow the example of hundreds of others, and apply Zam-Buk.

This wonderful herbal balm ends the pain almost immediately, penetrates the damaged tissues and so stimulates the cells beneath, that new healthy skin is quickly formed. The antiseptic properties of Zam-Buk prevent festering, blood poisoning, and other complications.

An occasional application of Zam-Buk will keep the skin soft and pliable, and every mother should see that the children use it liberally. Zam-Buk also cures, piles, cuts, burns, ulcers, abscesses, eczema, ring worm and other skin diseases and injuries.

All druggists and stores, 50c. box, 3 for \$1.25.

ZAM-BUK

vented in following years. It is also necessary to destroy all blight in the neighborhood on wild or cultivated trees, as the bees may carry it long distances. Bees are, however, necessary to pollenate the flowers.

Spraying for Mites.

Mites lurk in crevices, in the joints and openings of the poultry house, and much diligence is necessary in spraying for them. The nest materials are good hiding places. These should be changed occasionally.

Keep Good Mares.

The man who sells a young mare of good type for war purposes is disposing of a valuable Canadian asset.

Suppressing Swearing.

Profane as well as legal oaths have been the subject of many parliamentary measures in England. No fewer than five separate bills having the prevention of swearing for their object were presented during the reign of James I., but it was not until 1623 that an enactment was finally carried defining and controlling the offense. In 1635 a public department was established to collect the fines enforced by this law. The officials of this department, of whom one was appointed in every parish, were allowed 2s. 6d. in the pound on the money thus collected, and the balance was paid over to the bishop for the benefit of the deserving poor. These penalties ceased to be enforced after the restoration, but were revived by a statute of William and Mary and still further increased under George II.

Stereoscopic Surveying.

There is in use a stereoscopic method of photographic surveying. Photographs are taken at two points with a surveying camera, the plates being exposed in the vertical plane passing through both stations. The developed plates, or positives from them, being then placed in a stereoscopic measuring machine that combines the pictures, a brief calculation gives the exact position of any desired point. The effective range of the instrument is put at about five miles, and the method is said to be of particular advantage in mapping large areas of mountainous country.

A Real Grievance.

Magistrate—How comes it that you dared to break into this gentleman's house in the dead of night? Prisoner—Why, your worship, the other time you reproached me for stealing in broad daylight. Ain't I to be allowed to work at all?—London Telegraph.

Her Idea.

"The spelling book's all wrong, mamma."
"Why so, Ethel?"
"Because it don't look right for a little thing like a kitten to have six letters and a big cat to only have three."
—Yonkers Statesman.

Cause and Effect.

"When I sing I gets tears in my eyes. What can I do for this?"
"Stuff cotton in your ears."
—Chicago Tribune.

The one prudence of life is concentration; the one evil is dissipation.—Emerson.

WATFORD PEOPLE GET INSTANT ACTION

Those who have used it in Watford are astonished at the INSTANT action of simple buckthorn bark, glycerine, etc. as mixed in Adler-i-ka. Because it acts on BOTH lower and upper bowel, ONE SPOONFUL Adler-i-ka relieves almost ANY CASE constipation, sour stomach or gas. It removes such surprising foul matter that a few doses often relieve or prevent appendicitis. A short treatment helps chronic stomach trouble. Taylor & Son, druggists.

Motion pictures are being used in the training of athletes as they clearly show faults of individuals.

Auctioneer

J. F. ELLIQT.
Licensed Auctioneer.
For the County of Lambton.

PROMPT attention to all orders, reasonable terms. Orders may be left at the Guide-Advocate office.

OUR CLUBBING LIST

THE GUIDE-ADVOCATE AND

Family Herald and Weekly Star	\$1 90
Weekly Mail and Empire	1 85
Weekly Farmers Sun	1 85
Weekly London Free Press	1 90
Saturday Globe	2 00
Northern Messenger	
Weekly Montreal Witness	
Hamilton Spectator	
Weekly Farmer's Advocate	
Daily News	
Daily Star	
Daily World	
Daily Globe	
Mail and Empire	
Morning London Free Press	
Evening London Free Press	
Morning London Advertiser	
Evening London Advertiser	

All subscriptions are payable in advance.
Address: GUIDE-ADVOCATE, WATFORD

PIANO

Bell, Gerhardt, Heintzman, Martens, Orme.

Organs
Bell and Doherty.

Sewing Machines
White, Standard, and New Home Rotaries, Raymond and New Williams.

Renfrew Standard Gasoline Engines
Start without cranking.

Renfrew Standard Cream Separators
Best by every test.

Gramophones, Records and Supplies of all kinds.

H. Schlemmer
Feb 15

Taylor & Son druggist, Watford

The Guide-Advocate

JOB PRINTING DEPARTMENT

YOUR ORDER SOLICITED

ALL WORK SATISFACTORILY DONE

PRICE REASONABLE

The Way to Success

Philadelphia Bulletin—Charles M. Schwab, congratulated in Pittsburg on a large war order contract which he had just received from one of the warring nations, said:—

"Some people call it luck, but they are mistaken. Whatever success I have is due to hard work and not to luck.

"I remember a New York business man who crossed the ocean with me one winter when the whole country

was suffering from hard times. "And you, Mr. Schwab," the New Yorker said, "are, like the rest of us, I suppose, hoping for better things?"

"No," my friend, I replied. "No, I am not hoping for better things. I've got my sleeves rolled up, and I'm working for them."

Mothers can easily know when their children are troubled with worms, and they lose no time in applying the best of remedies—Mother Graves' Worm Expeller.