DIGGING POTATOES

Harvesters Should Use Care. — Serious Loss From Mechanical Injuries.

The most serious loss resulting from mechanical injuries to potatoes is due to the destructive rot caused by fungi and bacteria which enter the tubers through the injured tissue. These organisms are known as wound parasites and occur in every potato growing section of Canada. Since they became important after harvest it is natural to assume that the rough handling of potatoes during this period may be followed by serious consequences.

By mechanical injuries are meant cuts, bruises, shrinking, and cracks. Cuts are usually the most conspicuous and, while bruises and cracks are known to be more serious, it should be clearly understood that all injuries which do not heal quickly may lead to considerable loss and inconvenience. Where healing takes place without delay, the offending organisms are shut out and the tubers, thus protected, may remain free from rot. On the other hand conditions may be more favourable for the organisms than for the healing process so that rot sets in, the amount of injury depending upon the temperature and ventilation conditions of the storage house.

Observations made at the Dominion Laboratory of Plant Pathology, Charlottetown, demonstrated convincingly that potatoes produced on wet land develop a tender skin and are more subject to injury when dug than those produced in dry soil. Potatoes produced under such conditions, therefore, should be handled very carefully. While it is true that potatoes grown in dry soil have comparatively tough skins, and for this reason are less liable to injury, nevertheless, they are very often injured through the fact this type of soil is not carried over the digger. To compensate this disadvantage, when elevator diggers are used, sufficient soil should be taken up to prevent the tubers coming into direct contact with the moving parts of the machine. Authorities agree that diggers should be at least 24 inches wide and the spade operated deep enough to avoid cutting the tubers. The careful farmer pads, not only the digger chain, but also all hard and solid parts of the machine with which potatoes may come in contact. While the digger is the offender in causing mechanical injuries, it is ackowledged also that considerable damage is inflicted when the tubers are picked and hauled to the cellar. It has been determined experimentally that tubers are injured but very slightly when poured from a basket into a sack from a height of 12 inches; when poured from a height of 30 inches, however, injury by cracking and bruising is very severe. Potatoes, therefore, should be rolled or poured carefully from baskets into the bags. Further precautions against such injuries are as follows: Leave the potatoes exposed to the sun and the air for two or three hours; do not drop the filled sacks; on the floor of the barn or cellar; pad the picking baskets with at least one layer of burlap. — Experimental Farms Note.

Measuring Seeing

A New Device Tells How Much Light a Reader Requires

Eighteen-year-old Jimmy can read a printed page by dimmer light than grandpa. How much extra light does grandpa need? Dr. Matthew Luckiesh and Frank Moss of the Lighting Research Laboratory, Nela Park, Cleveland, Ohio, make it easy to answer with their new visibility meter.

The instrument looks like a newfangled opera glass. Hold it up to your eyes and turn a little wheel on top as you look at a printed page. When you are all through you learn from two eyebrow scales just the amount of light you require for reading or seeing clearly.

There are no lenses in this instrument — only windows. You look through the windows at an open book — anything printed. Twirl the wheel on top and colorless filters are rotated one by one in front of the eyes. You stop when the print is barely discernible.

The eyebrow scale on the left indicates the exact amount of light that you need (in foot-candles) for reading print of the kind at which you have been looking. The one on the right appraises visibility according to units on an arbitrary scale.

This right-hand scale ought to be useful in determining how visible the type that you are reading on this page would be on paper of different finish. In fact Luckiesh and Moss say that public highway officials can tell by means of this scale alone how safe road signs and signals are from the standpoint of visibility.

NOTICE: Will the person who disposes of his dead rats by throwing them on my premises kindly refrain from doing so or prosecution will follow after this date.—Advertisement in Devon and Cornish Farms Note.

SCOUTING Here · There Everywhere

A brother to every other Scout, without regard to race or creed

The enterprising boys of the 2nd Guelph Troop collected and sold 2½ tons of waste paper to augment their troop funds.

• • •

Welland Scouts on first aid duty at the local fair attended two jockeys who were injured when thrown from their mounts in front of the grandstand. In addition the boys performed yeoman service patrolling the grounds and finding lost children.

• • •

St. Catherines Scouts opened their Christmas Toy Repair Shop in the freight building of the N.S. and T. (Niagara Street). Toy distribution will again be made in co-operation with the Canadan Legion.

• • •

Some 900 Scouts and Girl Guides representing every pack, troop and guide company in London attended the annual church parade to Metropolitan United Church. Dean C. E. Jeakins of St. Paul's Cathedral addressed the gathering, Rev. Dr. J. E. Hughson and Rev. D. W. DeMille assisted, Assistant District Commissioner Sutton read the Scripture lesson and Canon T. G. Wallace pronounced the benediction.

• • •

The 2nd Guelph Troop already are collecting toys for their Christmas Toy Repair Shop.

• • •

For the Decoration Day parade, the 10th Brantford Troop acted as guard of honour for the float. At the cemetery they helped distribute flowers and provided a guard of honour for the speakers' platform.

• • •

For Fire Prevention Week, Scouts of Guelph, Ont., and the local fire department co-operated in a unique window display in a vacant store on Wyndham Street. On one side of the window the fire department had a display illustrating home fire hazards, while on the other side the Scouts pictured the dangers of outdoor fires, such as in camps and in bush land.

• • •

Turning Boy Scout "adventure" into the real thing, three Philadelphia Scouts, Nature Directors of a large New Jersey permanent Scout camp, are planning to explore unknown areas of the 700 square mile Okefenokee swamp, on the Georgia-Florida border. The boys will seek specimens of rare fish and small mammals for the Academy of Natural Sciences.

• • •

A silver-gilt push-button used by King George to light the Jubilee Scout Beacon in Hyde Park has been presented by His Majesty to Imperial Scout Headquarters. The stand bears the inscription: "Presented by King George V to the Boy Scouts to commenorate the lighting of the bonfire in Hyde Park on May 6th, 1935."

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SIMPSON'S brand new "Dominion Trapper" is different from any other publication of its kind! News and pictures from the trapline. Pointers on trapping for greater profits—plus full details on Simpson's Raw Fur Marketing Service, the new, *direct* way to get *top* market prices for your skins! (This service is limited to Ontario only.) Your copy is FREE.

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OW-3

THIS IS THE WAY TO HAPPINESS

There's nothing—absolutely nothing—to take the place of perfect health as the foundation of a happy life. And no better way for every one to get it than to turn to that famous tonic wine, Wincarnis.

Wincarnis is not a drug. It is simply the purest of fine wine with all the valuable properties of the 2½ lbs. of grapes which go to every bottle, combined with the strengthening elements of beef and guaranteed vitamin malt extracts.

From your first glass of Wincarnis you will feel new vigour stealing through your veins. You will sleep more soundly, wake more refreshed. In a few days you will have forgotten the irritableness of your former half-well state. You will go through the most strenuous day at the top of your form.

Twenty thousand doctors have recommended Wincarnis for nervous disorder, anaemia, debility, and all run-down conditions. Start taking—and *enjoying* — Wincarnis today. Your druggist sells Wincarnis.—Sales Agents: Harold F. Ritchie & Co. Ltd., Toronto. 21

"WOULD NOT BE WITHOUT SASKASAL"

SAYS REGINA WOMAN

Indigestion Gone, Can Eat Anything

Read this letter: "For several years I had been troubled with indigestion and could eat very few foods which agreed with me. A friend of mine suggested that I try Saskasal, which I did, and it has entirely relieved me and now I can eat anything. I would not be without a bottle of Saskasal in my home, and I hope others may benefit as I have done when they know of your remedy in Saskasal." For indigestion, biliousness, and acidity of the blood take Saskasal. At all drug counters. Enough for 10 weeks' treatment, 69c. 9

Physical Comfort

Its Part in Our Conversations Considered Much Too Big

Why should so many normal human beings speak of nothing but their physical status? Two acquaintances meet. They ask each other, "How do you do?" One says, "I have a cold." The other says, "I had a rash yesterday; I thought it might be something serious but it's all right now." "How is your wife?" "Oh, she is quite well. Her eyes trouble her a little, but it does not seem of importance. How is your son?" "Pretty well. He got a cramp in swimming, but you know how boys are."

That can go on indefinitely. Almost any conversation includes something like it.

Now, of course, physical comfort is a wonderful thing. But how much more there is to a human being than merely that! Why does not a man recognize his mental, emotional and spiritual states as well? "My faith is somewhat weak today." "Her concentration has not been up to normal." "A cinder of anger is disturbing his emotional outlook."

Perhaps if we increased our awareness of these non-physical failings, we could keep them under better control, and incidentally, add a new note of variety to somewhat worn conversational themes. ESTELLE H. RIES.

New York, Oct. 1, 1935.

U.S. Deficit Goes Over Billion Mark

Washington — Uncle Sam dipped his pen in red ink last week, and reported his deficit had passed the billion-dollar mark for the present fiscal year.

The treasury in a statement put the deficit at $1,007,457,156 through October 14. This compared with a deficit of $687,211,671 on the comparable date of last year.

At the present rate, the government is operating at a $9,500,000 loss each day. At this rate, the deficit on June 30 next, would be $3,477,000,000 compared with a $3,281,000,000 revised statement made public recently. Last January's annual budget message forecast a deficit of $4,528,000,000.

4 to 5 TIMES MORE QUICKLY DIGESTED THAN COD LIVER OIL

Science has discovered why Scott's Emulsion of Cod Liver Oil is so much more beneficial than plain Cod Liver Oil. All plain oils are hard to digest; they must be emulsified in the stomach. We emulsify the oil in our Laboratories hence it is ready for almost immediate digestion and assimilation.

SCOTT'S EMULSION

THE DIGESTIBLE COD LIVER OIL WITH THE PLUS VALUES

For sale by YOUR DRUGGIST

Canadian Outlook Is Reported Good

Babson Men Say It's Better Than Many Realize.— Review Situation

Toronto. — To present inside tips on where, and how to invest and a general picture of business trends, a sort of "investment clinic" was conducted by experts of the Babson Reports Inc., here recently.

WOMEN LIST DATA

The meeting was principally for business men, but there was a sprinkling of women, old and young,, who noted with pencil and paper the investment advice that was offered.

In a questions-and-answers period that followed a presentation of reports on business and financial conditions in general, anyone was allowed to ask about the future of his or her pet stock. Experts prophesied an eventual swing in real estates and building, and advised investment in copper, lead and zinc because of the British Government's program of increased armaments.

Continued improvement and better production for at least another year was forseen in the automobile industry which, Ralph B. Wilson, vice-president,s aid, had lead to the industrial recovery in the United States.

"While most of us have been ridding some hobby of 'isms,' the automobile industry has stuck to its business," he said. "And if you stick to it, business will get on regardless of the various isms that may be floating around. And incidentally, I think your election has cleared the air up here for some of the isms that you have heard."

CANADIAN OUTLOOK

In a review of Canadian conditions, he said he believed the incoming Liberal admnistration "will neither upset busness confidence nor very much affect existing trends over the period immediately ahead." Vigorous and sustained natural recovery marked the closing months of the Conservative administration and Canadian business is moving steadily ahead "with purchasng power the best in four or five years in many agricultural sections."

Sanctions against Italy should not hinder Canadian export trade, he said, since last year exports to Italy were but one-half of one percent. of Canada's total export trade. Meanwhile wheat prices are climbing because of the war scare, and "industrial factors in total business are mostly very encouraging."

Crop income in the West, despite damage, will average higher than last year, he said, and Canada's possession of more than half of the wheat in the world placed her in a most enviable position, he said.

ADVISES ADVERTISING

"Therefore it is wise to adopt a policy of liberal advertising and selling efforts, setting sales quotas higher for the period ahead."

He believed an agreement of reciprocal trade with the United States would be affected by January and would have encouraging results. Canada may expect concessions for lumber, cattle and possibly wheat with a possible quota for newsprint," he said.

Canadian industrial employment is at the highest level in four years, and 15,000 workers were taken on in September in the face of what is generally a seasonal decline. There is every reason to expect the present favorable position of mineral production will continue, and manufacturing is at a new recovery high, he said. Recovery of distribution has been less marked than that of other groups.

"The general business and financial situation and outlook in Canada is far better than many appreciate," he said. "At present the physical volume of business is only 14 per cent. below normal and has increased 69 per cent. from the depression low."

Approach of Winter

Lionel Wiggam in the New York Times.

Winter seems several weeks away,
But weather like this alarms young sheep.
The lambs in the west field will not play:
They huddle forlorn in a frightened heap.

A month should pass before the snows:
The pasture is warm, but the colt that is there
Follows his mother wherever she goes,
His nostrils wide as he sniffs the air.

Winter is coming when young sheep wait
Broodily bleating outside the fold,
When the colt and his mother crop near the gate—
Soon will the weather be turning cold.

DON'T BE THIS MAN

Deafness HEAD NOISES

SUB IN BACK OF EARS—HURRY ON MONTHS—

Leonard EAR OIL

$1.25 All Druggists. Descriptive folder on request

Also excellent for Temporary Deafness and Head Noises due to congestion caused by colds, Flu and swimming.

A. O. LEONARD, Inc.
70 Fifth Ave., New York City

HAVE YOU HEARD

Perhaps the thing most needed in this world is to have people take the Golden Rule home with them on Sunday, instead of leaving it in church.

"My word, I'm badly overworked."
"What are you doing?"
"Oh, this and that."
"When?"
"Now and then."
"Where?"
"Here and there."
Well, you must need a holday."

No News

Triumphant Suitor: "Well, Willie, your sister is going to marry me! How is that for news?"

Willie: "Huh! Are you just NOW finding that out?"

As Good As Any

Billy's mother looked at him accusingly.

"What have you done with all your money, son?" she asked. "Your little bank is empty.

"Well, mother, answered the boy, "yesterday was a rainy day, so I spent it."

A man said recently that the nastiest phrase in the English language was: "I told you so."

Lecturer—I speak the language of wild animals."

Voice in Rear — Well, next time you meet a skunk, ask him what's the big idea."

Many a man who used to play golf to keep in the pink has given it up to keep out of the red.

Man — "My wife always gets historical when I stay out late at night.

Friend — 'Hysterical, you mean.

Man — "No, historical. She digs up all my past."

Correct this sentence: "She married a rich guy," said the gossip, "but it didn't make her feel important."

Druggist — "Yes miss, you will find that most ladies like this lipstick."

Young Lady — "You couldn't — er —tell me the kind the men like, could you?

Cave men used to knock girls senseless, but that is no longer necessary.

Socialist Father—"What do you mean by playing truant? What makes you stay away from school?

Son — "Class hatred, father."

"A friend is not a fellow who always falls for sham;
A friend is one who knows your faults and doesn't give a d——"

The Dub — Do you consider it sinful to play golf on Sundays?

Old Timer — It may be. But don't worry. What you play couldn't be called golf.

Some men give their children dimes for the church for the same reason they buy lightning rods.

"When one door closes, another opens; but we often look so long and regretfully upon the closed door that we do not see the one which has opened for us Defeat is nothing but education; it is the first step towards something better"

Professor — What do you know of Syntax?

Freshman — Did they have to pay for their fun, too?

You have probably noticed that in some families the children seem to climb to a common sense altitude much more rapidly than do their parents.

A Dalmatian dog named Pongo Murgatroyd i s a collaborator in Miss Dodie Smith's new play, Call it a Day. So she told me yesterday at the Globe Theatre, where the play is in rehearsal. She did most of the work on it while walking about the country her Essex cottage in Pongo Murgatroyd's inspiring company. "If he barked approval I knew I was on the right track," she said.—Report in News Chronicle.

TO STOP ITCHING AND TO CLEAR UP **ECZEMA** AND SKIN RASHES - USE **D.D.D.**

Dr. D. D. Dennis' Liquid Prescription, made and guaranteed by the makers of Campana's Italian Balm. Trial bottle 35c at your druggist. 13

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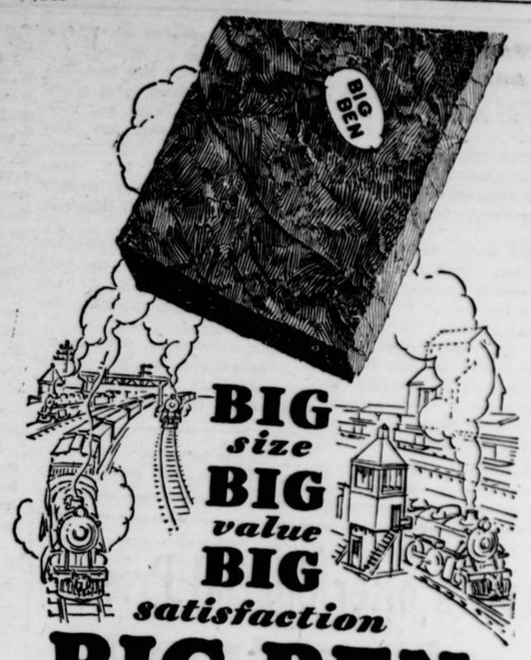

BIG *size* **BIG** *value* **BIG** *satisfaction*

BIG BEN

THE PERFECT *Chewing Tobacco*

Sheep Dogs Will Display Skill

A novelty in animal work in Canada—action displays of sheep-dog skill and intelligence—will be held nightly during the Royal Winter Fair at Toronto, November 20th-28th. The intelligence shown by good sheep dogs in handling sheep and in understanding a shepherd's will with scarcely a motion or a sign from him is uncanny.

Sheep-dog "trials" and displays are regular features of rural life, especially in conjunction with plowing matches, in the large sheep-raising districts of Scotland and Wales, and old country farmers speak of them as "the shepherd's pride". A good sheep-dog will round up a flock, often three-quarters of a mile away, drive them between distant hurdles, around far-off posts in figure eight, and "cast" or separate a marked sheep from the remainder driving it to a different point.

At the recent International Sheep-Dog Trials at Blackpool, England, over 30,000 people watched the performances, and the enthusiasm was remarkable when a Welsh dog beat all comers from England, Scotland and Ireland and even the far-away Orkney Islands, from which the dogs had been flown by airplane.

The Royal Winter Fair display is being put on by W. H. Martin who has a ranch at Maple Creek, Sask. He has won championships and first prizes at all Western Canadian Sheep-Dog Trials and his recent displays in the ring were considered most attractive features of Prairie Province Fairs. He will bring three dogs to the Royal.

As a variant to driving and penning sheep, Mr. Martin will also demonstrate how the dogs can drive a flock of geese with hardly a word from their master.

"THIS ENGLAND"

Collected by the New Statesman and Nation.

The imposing tonnage and armament of corresponding foreign types has compelled our naval authorities to recast their new designs on the basis of increased size and extra gun-power. . . . . I am in a position to state possibly that this program has no bearing whatever on the current political situation. — Naval correspondent of the Daily Telegraph.

• • •

"I would like to see a team of Italians play a team of Abyssinians in a game of cricket. I would gladly give a trophy — and I am sure other people would do the same — if only the dispute between these two countries could be settled by their meeting in sport."—Alderman W. H. Hoare at Derby, as reported in Derby Evening Telegraph.

• • •

Lady, conscientious and reliable, wants light private secretarial work or would exercise dog. — Advt. in Times.

• • •

The first and immediate reaction to any world crisis these days is a new shape in hats. — Home and Fashion Page, Sunday Referee.

Those Leisure Hours

Why Not Employ Them Profitably? Specialised training leads to Increased Efficiency. Increased Efficiency means Increased Earning Capacity. Overcome Inferiority Complex, develop mental power, and equip yourself for better things. Study leisurely in the quiet of your own home. Write for particulars of fascinating correspondence courses —

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WHAT TO DO ABOUT "Acid Indigestion"

A WAY THAT RELIEVES THE CAUSE IN A FEW MINUTES

Many people who *think* they have "weak stomachs" or "indigestion," doctors say, suffer in *reality* from nothing more serious than *acid stomach*. And this common ailment can usually be relieved now, *in minutes*.

All you do is take familiar Phillips' Milk of Magnesia after meals. This acts to almost immediately *neutralize* the stomach acidity that brings on your trouble. You feel like a new person!

Try this just once. Take either the familiar liquid "PHILLIPS' ", or the *new* Phillips' Milk of Magnesia Tablets. But watch out that you get the Genuine *PHILLIPS'* Milk of Magnesia. Made in Canada.

ALSO IN TABLET FORM: Phillips' Milk of Magnesia Tablets are now on sale at all drug stores everywhere. Each tiny tablet is the equivalent of a teaspoonful of Genuine Phillips' Milk of Magnesia.

PHILLIPS' *Milk of Magnesia*

SHORT-STORY WRITING CONTEST

THERE is at least one good story in everyone's life. For the best 3

Stories received on or before November 10th, 1935, A CASH PRIZE, and Two Other Valuable Prizes, will be given for Original, or True Life Stories of 1,000 words or under. Send in with your story a signed statement that it is either original, or a true life story, your name and address, and number of words in the the story, enclose return postage for its return. Entry Fee Twenty-Five Cents. Typewrite if possible or even legible handwriting accepted.

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