FOR EMPIRE

RUT OUT NOPLE

re of Sul- n Brous- a.

A New Test for Corn.

Some people try to make us believe that they can tell the strength of their seed-corn by merely looking at it. Others take a few grains promiscuously from their seed supply and sprout them in a flower pot. You may be able to tell in certain cases by the above means, but when you consider your corn crop from a profit or loss basis, you must know if your corn will grow 100 per cent. The only way to tell this is to test every ear.

During the last several years we have tried nearly every form of tester. Many of them proved impractical. We were compelled to find a tester that would have a large capacity, light weight, and which would be inexpensive to make. We desired large capacity, because with a large acreage we do not care to have too many testers to contend with. Seed which was tested in March gave a poor stand, while some of the same kind of seed which was tested in May grew perfectly.

The tester which we ultimately adopted, and which we still use, may be classed as a modified rag-doll. This tester can be made in any size one desires, depending on the material he has on hand. We use flat cooky boxes which are about 14x22x4 inches. In the bottom of the box is first placed about three-fourths of an inch of moist sawdust or cut corn fodder. This keeps the lower layer from drying out and also acts as a cushion. On this layer is placed a piece of moist burlap and a section of wire mesh the exact size of the box. Burlap from old fertilizer or feed sacks works very well, and is inexpensive to use. The wire serves as a means of keeping the corn grains [illegible]. We use 2x4-inch mesh [illegible] and place a set of grains in each of the rectangle. As soon as the layer is filled, another layer of burlap and wire is applied, and this is repeated until the box [illegible].

When the last layer is finished several layers of burlap should be put on top of the box so that the [illegible] will not dry out. When the tester is complete the whole should be [illegible] with lukewarm water, [illegible] all the water needed is [illegible] to keep the cover from [illegible] too much. Always use burlap between the layers, as it holds the corn in place better, and the water more evenly than if [illegible].

In six or eight days the test will be ready for examination. If all the grains from an ear should be discarded [illegible] that show short roots and [illegible] will not make a desirable stand [illegible] field conditions.

Some people maintain that a germination test will not show the true [illegible] of corn, as it always runs [illegible] them under field conditions. [illegible] the real fault here would be [illegible] if they would follow the test more closely, and then select [illegible] that show all strong sprouts [illegible].

Muskrat Farming.

[illegible] prices for muskrat fur [illegible] considerable interest as [illegible] feasibility of breeding this animal [illegible] captivity. Though prices may [illegible] reached the peak, it is altogether [illegible] that this fur will command an [illegible] figure for many years to [illegible] the farming of muskrat ought [illegible] to be a profitable business. [illegible] experience goes to show [illegible] muskrat is not a difficult animal [illegible] raise. It is necessary to own [illegible] a stretch of suitable marsh, [illegible] quiet stream, which one could [illegible] if necessary. If there are already muskrats in the area, all they [illegible] protection; if not, breeding [illegible] must be bought from trappers. [illegible] rate of increase is fast; observers [illegible] state that the muskrat brings [illegible] litters in a season, and [illegible] to nine in a litter.

[illegible] water is preferable and it [illegible] be deep enough never to freeze [illegible] the bottom. The food consists [illegible] of the roots and stalks of [illegible] plants, such as wild rice, flags, water lilies, reeds and cat-tails. Muskrats will sometimes partake of clams, [illegible] and insects. If the food supply [illegible] sufficient they can be fed garden vegetables.

The muskrat appears to be somewhat like the cat in sticking closely [illegible] home, and, so long as there is [illegible] adequate amount of food, is unlikely to migrate. Its principal natural enemies are the owl, hawk and mink.

In Maryland, which is a great centre [illegible] raising muskrats, the marshes often yield a better income per acre than adjoining cultivated land. One raiser is said to take 2,500 muskrats each year from a 50-acre marsh and yet leave enough for re-stocking.

Even as long ago as 1909, when [illegible] were very cheap, the leasing of marshes was profitable, and the value of muskrat marshes was estimated by an American expert at $40 an acre. As this fur has quintupled in price it is a fair assumption that these lands are worth at least $200 per acre today.

Warblers of All Kinds.

Not taking into account the human beings who are sometimes referred to as warblers, you will find on looking into a bird book that there are many kinds of warblers. If you had a collection of them all together they would take in about all the colors of the rainbow, yellow, orange, chestnut, black, white, green, gray, brown and other colors, with numerous shades entering into their beautiful plumage.

A GOOD MEDICINE FOR SPRING USE

Harsh Purgatives Should be Avoided—A Tonic Will Restore Your Energy.

Not exactly sick but not feeling quite well. That is the way thousands of people feel in the spring. It is a sign that the trying indoor life of winter has left its mark upon you. Easily tired, appetite fickle, sometimes headaches and a feeling of depression. Pimples or eruptions may appear on the skin, or there may be twinges of rheumatism or neuralgia. Any of these indicate that the blood is out of order, and these symptoms may easily develop into more serious trouble.

Do not dose yourself with purgatives as so many people do, in the hope that you can put your blood right. Purgatives gallop through the system and weaken instead of giving strength. Any doctor will tell you that this is true. What you need in the spring is a tonic that will build up the blood and nerve. Dr. Williams' Pink Pills can do this speedily and surely. This medicine enriches the blood, clears the skin, improves the appetite and makes tired, depressed men, women and children bright, active and strong. As an example of the value of these pills we give the statement of Mrs. S. McBurnie, Tatamagouche, N.S., who says:—"I have good reason to speak in the highest terms of Dr. Williams' Pink Pills. I was badly run down, falling in weight, and suffering from dizzy spells and weakness. In fact my condition was such that I was hardly able to do my housework. A friend advised me to try Dr. Williams' Pink Pills, and after using several boxes there was a noticeable improvement. I continued using the pills for some time longer and found that I had fully regained my old time health and strength and was able to do my housework without feeling weak and worn out as I did before I began using the pills."

Dr. Williams' Pink Pills can be obtained from any dealer in medicine or by mail at 50 cents a box or six boxes for $2.50 from The Dr. Williams' Medicine Co., Brockville, Ont.

He Told the Exact Truth.

Doctor (questioning an insurance applicant)—"And now tell me what do you do for a living?"

Applicant—"I make money, sir."

Doctor—"Yes, I know you make money, but how do you make this money?"

Applicant (somewhat peeved)—"I make money, sir."

Doctor (exasperated)—"Now, listen here. I know quite well you make money, but, confound you, tell me how you make the money?"

Applicant—"I work in a mint."

Buy thrift stamps.

FOR SUMMER SPORTS

No. 9435—Ladies' and Misses' Sports Coat. Price, 25 cents. Cut in one piece. Cut in 3 sizes; small, 34, 36; medium, 38, 40; large, 42, 44 ins. bust measure. Small size requires 2½ yds. 30 ins. wide, or 2⅛ yds. 40 ins. wide.

These patterns may be obtained from your local McCall dealer, or from the McCall Co., 70 Bond St., Toronto, Dept. W.

Secret of Smoke Screens.

The secret of the smoke screens used with such great success by the British navy in the raids on Ostend and Zeebrugge is definitely disclosed. They were produced from an acid, which has to be burned in the presence of a sufficient amount of water vapor, otherwise the smoke produced, even over the seas, is liable to be somewhat thin on a dry day. Commander Brock, who sacrificed his life in the assault on the German defences at the Belgian ports, devised the plan to feed the acid in a fine spray into the funnel of a destroyer, where the temperature was sufficient to vaporize the acid, and the water vapor present completed the formation of the cloud.

The raven is the first bird mentioned by name in the Bible.

Quebec supplies 85 per cent. of the world's supply of asbestos.

Using a cob to mend a hole in a grain bag is an expensive way to save time.

One of the great advances in the tractor game is the increased attention paid to the grade of lubricating oil supplied for particular purposes.

If ink and berry stains are placed in buttermilk at once and the milk changed a couple of times the stains will all come out when washing in the usual way.

Growth of Canadian Dairying

Canada's dairy products yielded approximately $250,000,000 in 1919. Of this amount, about $65,000,000 was received for exports. These figures easily constitute a record for the Canadian dairy industry. In 1910, the total value was estimated at $100,000,000 and the exports amounted to nearly $24,000,000. Although the production of most dairy products made a fairly constant increase during the period of the war, the phenomenal record of 1919 must be attributed in large measure to market conditions. In common with other food products, the prices of milk, butter and cheese rose rapidly owing to a world shortage. Then, too, the more rapid growth of urban centres as compared with the rural population has enlarged the home market, without a corresponding increase in production. Further, the shortage of labor on farms throughout the war restricted increased production materially, and the comparatively rapid expansion of the condensed and powdered milk trade affected the cheese industry adversely. Each of these factors tended to increase prices. Thus, in 1918, the average price paid for cheese by the Dairy Produce Commission was 23 cents, f.o.b., steamship, Montreal. Although similar statistics are not available for 1919, it is probable that the price exceeded 27 cents. Butter prices also established new records, the average price for all grades of creamery, delivered at Montreal, was 53½ cents in 1919. While the production of cheese probably showed a slight decline, the past year can be credited with a record production of butter and condensed and powdered milk.

Western Canada, especially the Prairie Provinces, is rapidly increasing its production of milk and butter. At present, Ontario and Quebec easily lead the other provinces, but with a more general realization of the need for conserving soil fertility on the prairies, dairying will progress prodigiously.

Modern, co-operative dairying is less than fifty years old. Already it has played an outstanding part in giving such countries as Denmark and New Zealand economic independence. It has been proved beyond peradventure that no other branch of farming surpasses it in maintaining and improving soil fertility. However it would be unreasonable to expect that prices can long continue at the present high levels. On the other hand, labor conditions should steadily improve and advances will be made in labor saving devices. It seems reasonably certain that dairying is destined to be an increasingly large economic factor in the future of Canada.

Children Should Never Drink Tea or Coffee.

They are harmful to growth and development and have a particularly bad effect on the nervous system of the child.

Give the children

INSTANT POSTUM

and avoid tea and coffee's harm

"There's a Reason"

The Poetry of Earth.

"The poetry of earth is never dead," said one who knew more about it than most of us; and it is certain that the beauty of the natural world is as varied as it is inexhaustible. It is not necessary to go far to seek the beauty, to travel in strange countries, or to explore wide waters. The most appealing and the most exquisite loveliness is all about us every day, throngs in upon our senses, once they are awake to it, with a delight sufficient to obscure and banish the haunting misery of life. And the loveliness is most abundant in common things. The delicacy and the secret, creeping growth of casual weeds and insects, the large and quiet drift of summer clouds in the unfathomable sky, are endless revelations of beauty, everywhere and at all times accessible.

Such ample and enduring pleasures are not confined to a small class or the wealthy. The capitalist, with all his millions, may not grasp them; the poor laborer or the simple child may have an instinctive enjoyment of them that money cannot buy or privilege confer.

Yet how many, rich and poor alike, and wise and simple, are completely insensible to them. We pity the grossly blind, whose eyes are obviously shut to the necessary vision of even the common things of life such as are essential to our animal needs. But we do not think of the far greater number whose spiritual vision is sealed, so that they are utterly unconscious of all those rich possibilities of joy, which need only be seen to make us happier and calmer and therefore more profitable to ourselves and to others. How many millions of men and women there are who live in the self-secluded isolation of Peter Bell:

A primrose by a river's brim
A yellow primrose was to him,
And it was nothing more.

No doubt the poets can help us greatly to the vision of the poetry of earth. They can unseal our eyes and help us to use them. Best of all, they can quicken the imagination behind the eye.

But, after all, it is our own imagination and our own eyes that must be of service to us. We must learn to give our imagination rein. We must learn to open our eyes and not let care and trouble seal them. "I am a man for whom the visible world exists," said Theophile Gautier. Can you say it?

THANKFUL MOTHERS

Once a mother has used Baby's Own Tablets for her little ones she would use nothing else. The Tablets give such results that the mother has nothing but words of praise and thankfulness for them. Among the thousands of mothers throughout Canada who praise the Tablets is Mrs. David A. Anderson, New Glasgow, N.S., who writes:—"I have used Baby's Own Tablets for my children and from my experience I would not be without them. I would urge every other mother to keep a box of the Tablets in the house." The Tablets are a mild but thorough laxative which regulate the bowels and sweeten the stomach; drive out constipation and indigestion; break up colds and simple fevers and make teething easy. They are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

A Human Document.

It is expected that sailors and savages should be tattooed, and sideshow performers are often notable examples of the art; but a French coachman originated the most extraordinary design ever worked on a human body. At the time of the Dreyfus trial he had at least one hundred and twenty illustrations of the case, including portraits of the leading persons connected with it, tattooed on himself. The tattooing took almost two years. It almost seems that, when he dies, he should be not buried but filed.

Minard's Liniment Lumberman's Friend

Dredged Up From Ocean's Bed.

In the old days, when fishermen used only nets or lines, the bottom of the sea remained undisturbed. The coming of the trawl has changed all that.

As most people are aware, the trawl is a kind of great purse, or bag net, the jaws of which are made of timber and iron. It is dragged over the bottom of shallow seas, thereby capturing the flat fish such as plaice, soles, turbot, etc., which live in or near the bottom.

But much besides fish comes up in the trawl.

A huge mammoth tusk drawn up on the Dogger Bank proves that, at some former period, this was all dry land. Many other bones and teeth of long extinct animals are trawled up on the Dogger, and sometimes pieces of amber, which is fossilized gum from trees that grew on what is now sea bottom.

Clay tobacco-pipes of queer shape and great age have been found off the Essex coast. On some of them young oysters were growing.

We get history in the shape of glass bottles of fashions so strange and ancient that their very origin is unknown. Glass, being practically imperishable, remains on the site of a wreck long after the very timbers have dissolved away into nothingness. Coins are never found, for they are so small and so heavy that they sink away into the mud or silt, and are lost forever.

Off the Yorkshire coast it is common to find pieces of coal in the trawl, and sometimes fragments of jet. Nodules of manganese often come up. Manganese seems to be strewn over wide areas of the sea bottom, and the Challenger, on her great journey of exploration, brought up large amounts of this valuable metal from abysmal depths in the Pacific.

Eventually it may pay to fit up a ship specially to dredge manganese from the sea bed.

ASTHMA

If you have Asthma, don't imagine that you must always suffer untold misery. Relief quick, sure and safe is guaranteed in even the worst cases by using

TEMPLETON'S RAZ-MAH CAPSULES

We are so certain of results we will send you a free sample of these capsules, confident that you will find them all we have claimed. Write to Templetons, 142 King St. W., Toronto.

Sold by reliable druggists everywhere for $1.04 a box.

TEMPLETON'S RHEUMATIC CAPSULES

For fifteen years the standard specific for Rheumatism, Neuritis, Gout, Sciatica, Lumbago, Neuralgia

Many doctors prescribe them.

Write to Templetons, 142 King St. W., Toronto, for free sample. Sold by reliable druggists everywhere for $1.04 per box.

Spanish Flu

Claims Many Victims in Canada and should be guarded against.

Minard's Liniment

Is a Great Preventative, being one of the oldest remedies used. Minard's Liniment has cured thousands of cases of Grippe, Bronchitis, Sore Throat, Asthma and similar diseases. It is an Enemy to Germs. Thousands of bottles being used every day, for sale by all druggists and general dealers.

MINARD'S LINIMENT CO., LIMITED, Yarmouth, N.S.

Song of the Wires.

Most of us have wondered at the curious "singing" of the telegraph and telephone wires often heard along quiet country roads. It is suggested by one authority that the noises are due to vibrations transmitted to the wires by the posts, which receive them from the earth, and that they are the result of earth vibrations identical with those that the seismograph, or earthquake detector, records.

The song of the wires, it is said, is the song of the barometer; if it is low, a change in the weather may come in two days; if sharp, it may be immediate.

MONEY ORDERS.

Send a Dominion Express Money Order. They are payable everywhere.

His Understudy.

As the motor-bus rattled and roared on its way, the small and solemn youngster stared unflinchingly at the old gentleman who sat opposite him.

Presently his relentless gaze began to make its victim uncomfortable, and, thinking to create a diversion, he winked at the small boy.

But he felt even more embarrassed when the youngster turned to his young and pretty mother, and said, in shrill, clear tones:

"Mamma, wink at that man!"

About thirty-five species of birch are known.

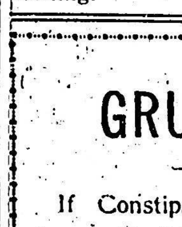
When baking bread or cake set a pan of hot water in the oven. The steam moderates the oven, prevents hard crust and lessens dangers of burning.

GRUMPY?

If Constipated, Bilious or Headachy, take "Cascarets"

Brain foggy? Blue devils got you? Don't stay sick, bilious, headachy, constipated. Remove the liver and bowel poison which is keeping your head dizzy, your tongue coated, your breath bad and stomach sour. Why not spend a few cents for a box of Cascarets and enjoy the nicest, gentlest laxative-cathartic you ever experienced? Cascarets never gripe, sicken or inconvenience one like Salts, Oil, Calomel or harsh Pills. They work while you sleep.

America's Pioneer Dog Remedies



Book on DOG DISEASES and How to Feed

Mailed Free to any Address by the Author.

H. Clay Glover Co., Inc., 118 West 31st Street, New York, U.S.A.

SINCE 1870 SHILOH 30 DROPS STOPS COUGHS

ED. 7. ISSUE No. 1[illegible]—20.

Lost Hisself.

An old colored woman met a younger friend whose husband was in the army, and the following conversation ensued:

"An' hab yo' heard f'um Jim lately?"

"Yas, jes had a lettah yestuddy."

"An' whah is he now?"

"Well, ah don't know jes' zactly. His lettah says he's somewhere in France, but he kain't tell es' whah."

"Ah knew it! Ah knew it! Ah tol' yo' all de time dat fool niggah 'ud go ober dere an' git hisself lost."

Helping the Chauffeur.

A salesman was showing an elderly lady the virtues of the car he sells. He made many turns, and at the proper times extended his arm as a turning signal.

The old lady watched the proceeding for some time. Then she craned her neck and looked at the sky.

"Mister," she said sternly, tapping him on the shoulder, "you just tend to your driving. It don't look like rain nohow, but if it should, I'll let you know."

Ask for Minard's and take no other.

Debtor Sat On.

Poorpaye—"I've brought that last pair of trousers to be reseated. You know I sit a lot."

Tailor—"Yes, and perhaps you've brought the bill to be receipted, too. You know I've stood a lot."

Buy Thrift Stamps.

SATISFYING RELIEF FROM LUMBAGO

Sloan's Liniment has the punch that relieves rheumatic twinges

This warmth-giving, congestion-scattering circulation-stimulating remedy *penetrates without rubbing* right to the aching spot and brings quick relief; surely, cleanly. A wonderful help for external pains, sprains, strains, stiffness, headache, lumbago, bruises.

Get your bottle today—costs little, means much. Ask your druggist for *it by name*. Keep it handy for the whole family. Made in Canada. The big bottle is economy.

35c., 70c., $1.10.

Sloan's Liniment Keep it handy

"SYRUP OF FIGS" CHILD'S LAXATIVE

Look at tongue! Remove poisons from little stomach, liver and bowels

Accept "California Syrup of Figs" only—look for the name California on the package, then you are sure your child is having the best and most harmless laxative or physic for the little stomach, liver and bowels. Children love its delicious fruity taste. Full directions for child's dose on each bottle. Give it without fear.

Mother! You must say "California."

ONLY TABLETS MARKED "BAYER" ARE ASPIRIN

Not Aspirin at All without the "Bayer Cross"

For Colds, Pain, Headache, Neuralgia, Toothache, Earache, and for Rheumatism, Lumbago, Sciatica, Neuritis, take Aspirin marked with the name "Bayer" or you are not taking Aspirin at all.

Accept only "Bayer Tablets of Aspirin" in an unbroken "Bayer" package which contains complete directions. Then you are getting real Aspirin—the genuine Aspirin prescribed by physicians for over nineteen years. Now made in Canada. Handy tin boxes containing 12 tablets cost but a few cents. Druggists also sell larger "Bayer" packages.

There is only one Aspirin—"Bayer"—You must say "Bayer"

Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monoaceticacidester of Salicylicacid. [illegible] will be stamped with their general trade mark, the "Bayer Cross."

Classified Advertisements.

FARM LAND FOR SALE.

HALF SECTION FARM LAND, virgin soil, surrounding land under cultivation, near Battleford, Sask. Chas. H. Ross, 18 Rutherford Ave., Hamilton.

FOR SALE

WELL EQUIPPED NEWSPAPER and job printing plant in Eastern Ontario. Insurance carried $1,500. Will go for $1,200 on quick sale. Box 63, Wilson Publishing Co., Ltd., Toronto.

FERTILIZER.

STEVENS' COMPLETE FERTILIZER will pay you. Write for prices.

SHIP YOUR EMPTY BAGS—SUGAR, flour, bran sacks to Stevens. Highest prices. Geo. Stevens, 364 Mark St., Peterboro.

SCHOOL TEACHERS

SCHOOL TEACHERS—MAKE REAL money in spare time—send post card to Ratepayer Publishing Co., 6 Columbine, Toronto.

SOFT ELM WANTED.

SOFT ELM WANTED, 2 IN. AND thicker, shipped green from saw. Do not sell until you communicate with us. Keenan Bros. Limited, Owen Sound, Ont.

WOOD ASHES.

IF YOU HAVE A CAR FOR SALE write me. Geo. Stevens, 364 Mark Street, Peterboro.

SCRAP IRON.

IF YOU HAVE A FIRE AND HAVE a car or more of scrap iron I will come and quote you where it lays. Geo. Stevens, 364 Mark Street, Peterboro.

MISCELLANEOUS.

CANCER, TUMORS, LUMPS, ETC., internal and external, cured without pain by our home treatment. Write us before too late. Dr. Bellman Medical Co., Limited, Collingwood, Ont.

1,659,000 women are now doing what was formerly regarded as men's work.

LET "DANDERINE" BEAUTIFY HAIR

Girls! Have a mass of long, thick, gleamy hair

Let "Danderine" save your hair and double its beauty. You can have lots of long, thick, strong, luxuriant hair. Don't let it stay lifeless, thin, scraggly or fading. Bring back its color, vigor and vitality.

Get a 35-cent bottle of delightful "Danderine" at any drug or toilet counter to freshen your scalp; check dandruff and falling hair. Your hair needs this stimulating tonic, then its life, color, brightness and abundance will return. Hurry!

Cuticura Hair Is Usually Thick and Healthy

Start him right if you wish him to have thick, healthy hair through life. Regular shampoos with Cuticura Soap will keep his scalp clean and healthy. Before shampooing touch spots of dandruff and itching, if any, with Cuticura Ointment. A clean, healthy scalp means good hair.

Soap 25c. Ointment 25 and 50c. Sold throughout the Dominion. Canadian Depot: Lymans, Limited, St. Paul St., Montreal. Cuticura Soap shaves without mug.