

### Dizzy Figures Finished Him

A transient will walk over all Ontario and perhaps some neighboring provinces in the course of a year which may entitle him to walk no more. A Tiverton farmer hired a transient to plow a 15-acre field. The newly engaged man, before starting the job, sat down and figured out he would have to walk 160 miles in plowing the field, so he resigned on the spot.

### Canadian National Railways Revenues

The gross revenues of the all-inclusive Canadian National Railways System for the week ending Oct. 21, 1938, were \$4,630,298 as compared with \$4,522,175

for the corresponding period of 1937, an increase of \$108,123

### Farm Column

#### FREEDOM FROM WEED SEEDS

C. L. S. Palmer, well-known judge, gives timely advice to farmers planning to exhibit at Guelph Winter Fair and other Seed Shows. Clover and grass seeds are judged from the standpoint of freedom from weed seeds, particularly those prohibited and noxious under the Seeds Act. They are also judged on freedom from other crop seeds; germination and general appearance, says C. L. S. Palmer, noted seed expert, in an interview this week. He stated it was almost impossible to clean out Dodder, Campion, Chicory, Field Peppergrass, etc., in clovers and timothy unless special cleaning machinery was used. Certain other crop seeds were hard to remove—white clover and timothy in alfalfa, red clover and timothy in vicia versa. Therefore, seed containing too large a percentage of other crop seeds should not be used for exhibition purposes.

**Use Wind and Screens**  
Germination is indicated by color and lustre, Mr. Palmer stated. Size, plumpness, uniformity in size and colour, colour and the lustre of the seed and freedom from inert matter (straw, etc.) contribute greatly to general appearance. Size, plumpness and uniformity of seed are obtained and increased by the use of wind and screens.

**The Right Colour**  
Seed for show should not contain brown seed, either plump or shrunk. Samples containing much green seed should not be chosen as it indicates immaturity. Most judges of alfalfa and red clover prefer the dark purple type of seed. Timothy, of course, should be silvery in colour and contain as little hulled seed as possible; alfalfa and sweet clover should be a honey yellow.

While colour of seed cannot be improved except by eliminating inert immature seeds, lustre sometimes can be brought back by artificial means. The seed can be shined by being placed in a long cotton bag and tilted from one end to the other so that the surface is rubbed against the sides of the bag. The screens and sieves used for the dressing of seed for commerce are given in a bulletin published by the Dominion Department of Agriculture, No. 137, New Series.

### The BOOK SHELF

#### JOURNEY OF TAPIOLA

A child could read this "Journey of Tapiola" as a nursery tale, and find it quite satisfactory, something like the travels of the little red hen who went to tell the queen the skies were falling. Or an adult could find in it food for profound thought. Here the adventurers are a little dog, Tapiola; a venerable rat, Jeremiah; and a canary, Richard, who felt they could be heroes if they left home and found the right environment in which to exercise their talents. Together they conceived themselves in an ash can, and were carried out by a street cleaner and placed aboard a dump scow, headed out to sea. Since Tapiola had always led a sheltered life (chopped liver on a plate whenever he asked for it), the cold, hard world was a blow and a shock to him. However, Jeremiah and Richard helped him to take it. Here, incidentally, is one of the most delightful books of the year. Journey of Tapiola. By Robert Nathan . . . 121 pp. . . Toronto: Ryerson Press, 299 Queen St. W. \$1.75.

Issue 46—'38

### Football Terms

#### If You Want to Be Able to Enjoy A Good Game, You Should Know What Some of The Terms Mean

For those people who like going to football games, even though the amount of their knowledge of the game is rather vague and sketchy, the following pointers by Joan Durham may be a help in following the game with even keener enjoyment. There are three chief ways of scoring—the touchdown, the field goal and the extra point. The touchdown is made when a player carries the ball or receives a pass across the goal line. It counts five.

After making a touchdown, a team gets one try to score an extra point, which counts one. The point is made by kicking the ball over the crossbar, by carrying the ball over the goal line, or by catching a forward pass over the goal line. A field goal is made when a player kicks the ball over the crossbar. It scores three.

### Water Erosion Destroys Soil

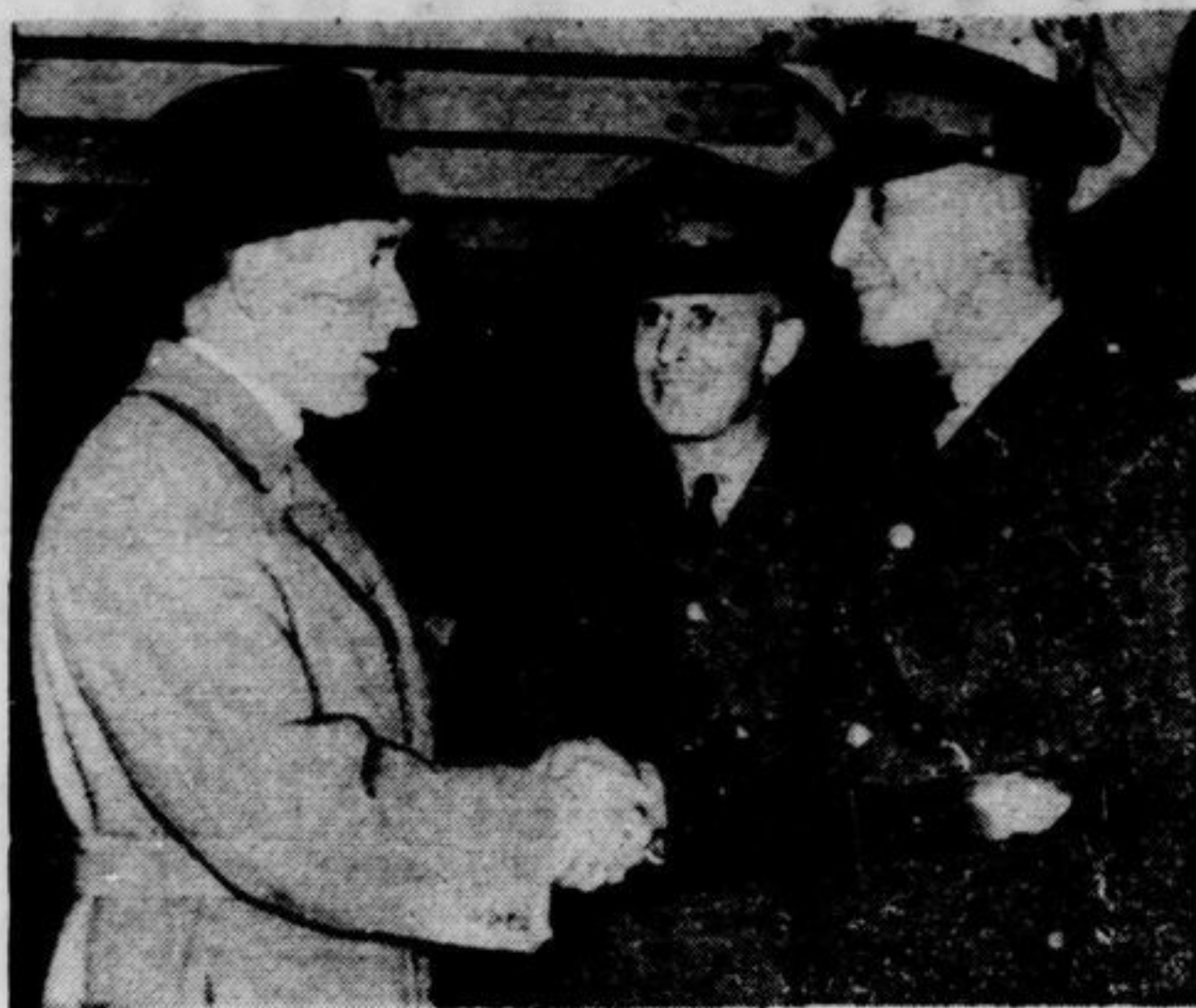
#### Evidences of Destruction Are Seen On Nearly Every Cultivated Sloping Land in Canada

While the extent of the damage done to cultivated soils in Canada by water erosion is not as yet sufficiently apparent to arouse public opinion, there is clear evidence that a considerable amount of damage has been done by this agency of destruction states Dr. A. Leachy, Division of Field Husbandry, Central Experimental Farm. "It is not exaggerating the case to state that on nearly all sloping cultivated land in this country, soil erosion by water has taken place. In some districts the appearance of yellow clay or gravel spots, the stunted and sparse vegetation on the knolls, the occasional presence of gullies, are unmistakable evidences of its destructive presence.

"The common farm practice of cultivating and seeding land up and down the slope, is one of the leading causes of soil erosion by water. Therefore, the first step that should be taken in controlling or preventing washing away of the soil is to avoid this practice by cultivating the crops across the slope, or on the contour of the land.

Tropical fruits are being grown in Iceland by utilizing the hot springs.

### Irish Army Riders Will Compete At "Royal"



Arriving to take part in the International Horse Show at Madison Square Gardens, New York, members of the Irish army riding team are warmly welcomed to this continent. The Irish team will be among those competing at the Royal Winter Fair in Toronto this month.

### Grading Canadian Dressed Poultry

#### New Regulations Call For Distinction To Be Made Before Preparing for Market

Under the new regulations respecting the grading and marking of dressed poultry in Canada, issued by Order in Council 14th of September, 1938, the kinds, sub-kinds, and grades of the Canadian Dressed Poultry Standards are as follows:

Chickens—squab broilers, broilers, fryers, roasters, poultards, capons, stags.  
Fowl—young hens, young toms, old hens, old toms.  
Ducks—Ducklings, ducks, Geese—goslings, geese.  
Pigeons—squab pigeons.  
Guineas—guinea chickens, guinea fowl.

The kinds to poultry outlined in the Canadian Dressed Poultry Standards include both sexes and no distinction is made between the breeds. According to the definitions of the kinds and sub-kinds, chickens, ducklings, goslings, young turkeys and guinea chickens are all young birds with soft flexible cartilage at the posterior end of the breastbone or keel. They are birds that are prepared for market and killed at or before maturity, and before they are used for breeding purposes.

### HAVE YOU HEARD

Two casual golf acquaintances were walking towards the green when they sighted two women coming over the hill. "Here comes my wife with some old hag she's picked up somewhere," said one of them. "And here comes mine with another," retorted the other, icily.

Jasper: "Why do you want a rubber plant in your garden?"  
Casper: "I want to raise tires for my garden truck."

It's after the tenants move out that the landlord sees the handwriting on the wall.  
Dentist—"Now, open wide! I'm not going to hurt you."  
New Patient—"Cut out the professional guff, old man. I'm a dentist myself."

If placed end to end, the hairs grown by the average man in one year would equal 7,604 feet, we learn. The trick, of course, is to get them to grow end to end.  
Goofus—"They say the king of Denmark lives a regular dog's life."  
Rufus—"Of course; he's a great Dane, isn't he?"

When Bliss Is Blister  
"If ignorance is bliss," said she to him, "well then, my boy, you'd better get your life insured, you're apt to die of joy."

Brown—"I haven't seen your son for years. He seemed quite a promising fellow."  
Jones—"Too much so. He's been sued twice for breach of promise."

Claim to the title of world's record snuff-taker is made by a tailor in Apolda, near Weimar, in Central Germany. In the 65 years of his life, the man says, he has used 770 pounds of snuff and is still going strong.

### INVENTIONS WANTED

We have been successfully selling inventions, patented and unpatented, since 1924. If you have a sound, practical invention for sale, write us immediately. Chartered Institute of American Inventors. Dept. 37-B, Washington, D. C.

### Mystery Monster

The skeleton of a "mystery" Arctic monster has been found west of Jameson Land, in East Greenland, by a Danish Arctic Expedition.

It is well preserved, and is evidently that of a mammal of the same period as the dinosaur, the prehistoric reptile. Remains of dinosaurs have been found widely distributed over both the Old and the New World. This latest discovery should throw fresh light on the emergence of mammals and on the vague border-line between mammals and reptiles.

### What Science Is Doing

**CALCIUM DIET FOR LONG LIFE**  
A new secret of long life—that it depends partly on the calcium your ancestors ate—was announced to the U. S. Academy of Sciences last week. If a family is fed a rich calcium diet, the results add up in the second and later generations. The amount of calcium in the descendants is increased. They live longer.

**JAWS AND DEAFNESS**  
The American Society for the Hard of Hearing learned last week that many cases of deafness are caused by abnormal relations between the jaws. Repositioning of the jaws, it was said, often would entirely eliminate deafness.

**TO CURE DRUG ADDICTS**  
A hypodermic in the spine to make the cure of drug addicts easy and painless is reported. The hypodermic is an anaesthetic causing "neve block," a form of anaesthesia often used in surgery to render a portion of the body insensible to pain. This sort of nerve block frees narcotic addicts during their first few days of abstinence from the nervous shock, excitement and mental upsets that accompany withdrawal of morphine.

**WHEN ATOMS EXPLODE**  
The extent to which we are affected by powerful unseen forces is indicated by studies made on the cosmic rays at the University of Manchester, England. They have detected atomic explosions which spread their debris over a span of fifteen feet, and there are indications that the effects cover greater areas. They estimate that the total energy release in one of the atomic explosions observed reached as high as 10,000,000,000,000 electron volts.

**EYES, ELECTRIC BATTERIES**  
Human eyes are powerful electric batteries. This discovery, showing that each eyeball is an independent battery, was announced last week by a Yale University psychologist. Each eye produces a current averaging 1-1,000-volt, an electrical energy equal to that of the heart beats which make the recordings of electrocardiographs. Numerous eyes, Dr. Miles found, average 1-400th volt; one gave 2-100 volt.

**BRINGS INSTANT EASE**  
from  
**PAINS, SPRAINS  
BRUISES, BURNS  
RHEUMATIC ACES**  
**MINARD'S**  
GREAT CANADIAN RUBBING  
LINIMENT

## Classified Advertising

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APRONS FOR BIG WOMEN, THREE styles, tubular prints—colours, red, blue, green. Three for one dollar, post paid. Needcraft Guild, 533 College Street, Toronto.

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SALES AND SERVICE ALL MAKES. We specialize. Fred Stratford, Limited, 25 Gerrard West, Toronto.

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ANDREWS' HAIRDRESSING ACADEMY Course reduced one third to first six students enrolling to complete Fall Class. Free catalogue. 261 Bloor Street, Toronto.

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HIGH BLOOD PRESSURE—WRITE for free booklet and full particulars regarding our amazing successful blood treatment. Fred, Fred Products, Dept. F, Saskatoon, Sask.

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#### OPPORTUNITIES

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QUIT TOBACCO SNIFF, EASILY, inexpensively. Guaranteed. Advice free. Box 1, Winnipeg.

#### QUILT REMNANTS

FREE! "QUILTING BATT" 72-90 inches. With six pounds. Washfast remnant! Prints, broadcloth, Silks, Flannellets "Collect" \$1.25 Guaranteed! Samples—25c. Royal Textiles, 411-25, Outremont, Mont. real.

#### STAMMERING

STAMMERING CORRECTED, HELPFUL booklet giving full information. Write today. W. Dennison, 150 Carlton Street, Toronto.

#### THEATRE MAGNETO AND GENERATOR REPAIRS

SEND US YOUR THEATRE MAGNETO and Generator Repairs. We save you money. Allison Armature Manfr., 855 Bay St., Toronto.

#### Temporary Maps

The Edward Stanford Company, London, England, has just issued a new edition of their map of Central Europe showing the areas recently transferred from Czechoslovakia to Germany. They have added an explanation that a new map will be published as soon as possible showing the cessions to Poland and Hungary and the final Czech-German frontier.

### LYONS TRADE-IN DEPT.

478 Yonge St., Toronto

Drastic reduction in our Trade-In Department. Every article in the store marked down for quick clearance. We must have four square reconditioned, guaranteed absolutely clean and hold under a definite money back guarantee of satisfaction.

\$79 Walnut bedroom suite, dresser, vanity, chiffonier, bed, spring, and brand new mattress. Perfect.

\$69 Beautiful large suite in walnut finish. Dresser, vanity, bed, chiffonier, spring and new mattress.

\$65 Modern suite with venetian mirrors, dresser, chiffonier, vanity, bed, spring, new mattress.

\$55 Modern suite, apartment size dresser, chiffonier, vanity, bed, spring and mattress. Like new.

\$39 Smart suite in rich walnut finish, dresser, chiffonier, vanity and bed.

\$21.50 Beautiful dresser, full size mattress, bed, spring and new felt mattress.

\$4.95 UP. Large assortment dresser, vanity, chiffonier and beds in walnut and eucalypt finishes.

\$24 Oak dining room suite, buffet, extension table and 6 leather upholstered chairs in real leather.

\$45 Beautiful oak suite, buffet, china cabinet, extension table and 6 leather upholstered chairs.

\$59 English oak suite, buffet, extension table, china cabinet and 6 leather upholstered chairs. Perfect.

\$67 Large suite in rich two tone walnut finish. Buffet, china cabinet, extension table and 6 leather seat chairs.

\$79 Solid walnut suite. Buffet, china cabinet, extension table and 6 leather upholstered chairs.

\$85 Large walnut suite. Buffet, china cabinet, extension table and 6 leather seat chairs.

\$124 Beautiful large walnut suite. Buffet, china cabinet, extension table and 6 chairs with upholstered backs and spring seats in blue mohair. Cost new \$150. Completely refinished like new.

\$37.50 Chesterfield suite, 3 pieces, upholstered in heavy Marshall hair, reversible Marshall spring cushions.

\$35 LARGES 3 PIECE SUITE, upholstered in real hard-wearing repp, rust shade with figured reversible Marshall spring cushions.

\$29 Smart 3 piece suite in figured velvet, reversible Marshall spring cushions.

\$45 Beautiful chesterfield bed suite, three pieces, upholstered in brown mohair, complete with new felt mattress and thoroughly cleaned.

\$24 Three-piece suite upholstered in brown novelty repp with reversible Marshall spring cushions.

\$14 Large 3 piece suite, upholstered in English tapestry, Marshall spring cushions. Thoroughly cleaned.

Large assortment of single chesterfields and chesterfield chairs in a wide variety of covers, all thoroughly cleaned and reconditioned, priced from \$4.95 up.

Kitchen cabinets, \$8.95 gas stoves, \$4.95 breakfast suites, \$12.95 sewing machines (Singers), \$12.95 tables, \$2.95 Bureaus, 2 x 3 at \$6.95.

**BUY WITH CONFIDENCE!**  
All merchandise sold with a positive money back guarantee of satisfaction. All pieces carefully packed for safe shipment on receipt of money order. Write for free illustrated catalogue showing hundreds of other amazing values in new and reconditioned furniture and list of free gifts with purchases.

### LYONS' TRADE-IN DEPT.

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**THIS FRAGRANT SLOW-BURNING DIXIE SAVES MONEY FOR YOU!**

**DIXIE**  
PLUG SMOKING TOBACCO

### BOYS' TOWN



"Me? I'll wind up at Alcatraz."

The settlement that is called Boys Town, is the dream come true of Father Flanagan (Spencer Tracy). A refuge for homeless boys, it is run like a city, with a Mayor elected from among the inmates themselves. One day, Joe Marab, notorious gangster, sends for Father Flanagan. He has a brother, Whitey (Mickey Rooney), whom he wants taken into Boys Town and brought up properly.

"Money doesn't grow on trees, Father."

Father Flanagan is on his way to Whitey's hang-out when he runs into his good friend, David Morris (Henry Hull) the man who has helped him finance the home. Morris warns Father Flanagan that unless some donations come in very soon, the whole project will fail. But Father Flanagan doesn't worry. The settlement has flourished since it was started and somehow, he will keep it going.

"Stop being a kid, Whitey."

Entering the boarding-house room where Whitey lives, Father Flanagan looks at the occupants in grim despair. They are all "toughies," smoking, playing cards and cursing heartily. The encounter with Whitey is harsh but brief. Father Flanagan is forced to take him by the scruff of the neck and knock some sense into him. Belligerently, Whitey pecks and goes along with him.

"Hello, Mr. Boy. I'm Pee-wee."

Reaching Boys Town Whitey stares at the well-arranged building. Despite himself, he is impressed. Aloud, however, he expresses his opinions in terms of contempt. At the outer gate, a six-year-old little fellow greets him. He is Pee-wee (Bob Watson). Father Flanagan's pet, Whitey is scornful. Kids! He'll leave the next chance he gets. Read the next exciting episode.

### Single Jobs To Go

Unemployed? No homes? Ontario? The Dominion training school provincial youth.

Under Youth The project's MacLaren, with 4,000 young in similar circumstances while in Normal Institute Georgetown.

Only amount in Toronto will at present. Measure will be applied the province's employment in register at the labor department be placed in it. The committee would involve to 20 years in carried out end of the labor department.

### Opening For

Britain Is Seeking candidates for search.

The British visited the National field open in Ottawa. Canadian universities honor degrees physics or statistical engineering.

Candidates for the air ministry willing to complete appointment search at their placement. 2000.

Candidates for fit for flying observers. If you own passport, you are eligible.

### May Elections

MAYOR OF Hamilton, Ontario.

Plants A Steal C

McGill Savan Flowers S From Sic

Science has practice of re- sick-room at tion comes from

Plants breathe do. Under they consume help to purify bolism of a p- pendent upon receives, for it of sunshine to dioxide from which it take roots into air. Stop Breathing

When dusk "eating" and a any carbon dioxide, how breathing processes oxygen for, it does a air of carbon some time it vital to human

"I am just man who, tho a little be a leg."