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THE GRAND FORKS SUN

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Tobacco Growing in Boundary Districts

By
G. L. Landon, District Agriculturist
Grand Forks, B. C.

Of the numerous experimental projects conducted in the Grand Forks district during 1931 by the British Columbia department of agricculture, the tobacco test was undoubtedly the most i teresting. Tobacco had been grown prev ously l)it not commercially and the test was undertaken to ascertain if it could be grown successfully as a commercnial crop for the district.

The test was a cooperative one in which several agencies were interested. The experiment was organized by the writer and supervised by A. J. Mann, tobacco specialist, experimental statio , Summerland, who gave a great deal of time and effort to the project. The crop was grown on the Sunnyside farm of the Canadian Bank of of Commerce under the manageme t of B. J. Ralph, farm superintendent. Fertilizer for the test was supplied by the ConsolidatedMining & Smelting Company of Canada through S. H. Hopkins of their fertilizer department, and a drying shed for curing the crop was provided on the farm of James Rooke through the cooperation of the Grand Forks board of trade and the Grand Forks Farmers' institute.

The cultural operations in connection with the experiment were carefully and systematically carried out by B. J. Ralph and great credit is due him in producinug an excellent crop of White Burley tobacco. Several tobacco growers and experts expressed the opinion that it was the best experimental plot of tobacco in the interior of the province during 1931.

Seed Bed

The seed was sown on April 11 in a glass frame prepared for the purpose, the seed bed soil being composed of two sorts of well decomposed grass sod, two parts peaty loam, two parts field loam, and part sand, and one and one-half parts well rotted horse manure, all well mixed together. The soil in the frame was kept moist at all times and the young seedlings protected by cheesecloth from the heat during the daytime. At night lagss windows were used to protect them from low temperatures. The essential factors in successful production of seedling plants were proper moisture and temperature conditions, shade and a seed bed free from weeds so that the young plants would not suffer from weed competition.

Field Culture

The plot used for growing hte crop was an acre of gravelly loam soil which had a crop of fall vetch plowed under on September 15, 1930, and allowed to stand until spring in this condition. Approximately 2½ t ns of green matter being plowed under in this way. Starting o nApril 7, 1931, the plot was double disced and harrowed every ten days until May 24, when irrigation urrows were opened and a twelve-hour application of water given. On May 29 the fertilizer was br adcast and disced and harrawed immediately afterwards.

The young plants were transplanted from June 5 to June 8 under ideal weather conditions of dull weather with occasional heavy showers. After the young plants had been successfully transplanted cultivation was carried out every esven days until topping time. The first four cultivati ns were fairly deep, but as the plants advanced shallow cultivation became necessary to avoid root injury.

Irrigation water was applied on June 20 for eight hours, on July 16 for six hours, two furr ws in each row being used and onAugust 12 the final cultivation was given. The plot was irrigated for five hours on August 20, the last application. The plants were topped on August 16 and suckers rem ved on August 24 and September 8. Harvesting commenced on September 12 and was completed September 16 under very unfavorable conditions weather and very little sunlight.

The experi ent was successful in demonstrating that tobacco could be grown commercially in the Grand Forks district in an average growing seas n. Its possibilities as a cash crop for the district have been demonstrated and if an increased acreage is planted in future years may add considerably to the agricultural wealth of the district.

Experimental Plot

The acre plot was divided into three sections, the plants being planted 2 feet 6 inches apart in the rows ands the rows 3 feet 6 inches apart. A total f 5384 plants were planted on the acre plot. Section one contained 3365 plants and received an application of 400 pounds mixed fertilizer containing 125 pounds ammonium phosphate, 175 pounds sulphate of ammonia and 100 pounds sulphate of potash. This gives an analysis of 12:16:12, of 12 per cent nitrogen, 16 per cent phosphoric acid and 12 per cent potash.

Section two contained 673 plants anr received no fertilizer, it being the check plot.

Section three contained 1346 plants and' rece.ved an application of 100 pounds of a monium phosphate with an anallysis of 10:50:0. A few plants developed mosaic in each section and were removed.

The plot with the mixed fertilizer yielded at the rate of 1787 pounds per acre. The check plot yielded at the rate of 1761 pounds per acre and the ammonium phosphate plot at the rate of 1735 pounds per acre. All three plots produced a bright thin leaf in the sand leaf, lug and leaf grades. No red leaf existed in these grades, and in the tip grade the leaf was medium thick and reddish brown in color. The results of the project indicate that satisfactory yield and quality may be expected of the Grand Forks district, providing judicious cultural and curing practice is exercised.

A small plot was also grown by C. A. Crawford, the crop in this case being cured by priming, that is, by picking the leaves from the stalks in the field as they ripen. So e very high grade tobacco was cured from this plot.

Summary of Fruit Market

VICTORIA, March 11.—Storage apples from Vancouver have been moving out at baout the rate of two cars daily. They are selling wholesale at the rate of $1.50 for fancy and $1.40 for C grade.

Jamaica oranges recently arrived have been selling around $3.50 per case. California navels are down from $5.30 to $4.25 a crate. Celery is down from $11 to $9 a crate. Lettuce is selling about the same. There has been no change in the price of butter and eggs.

Edmonton reports busines quiet with apple demand slackening and prices unchanged. Demand is most for fancy grade McIntosh at $1.75 to $2.10 according to size and condition The potato market is so weak that growers are selling from 10c to 15c a bushel with practically no car movement.

For the information of growers of cider apples it has been asserted by the provincial markets branch on inquiry from the department of agriculture at Ottawa, that the Nova Scotia growers receive 25 cents per barrel for their apples. Ontario growers receive 35 cents per hundredweight, or $7 per ton.

Floods and frosts in Washington and Oregon are likely to delay local crops, and early lettuce and peas will probably be about three weeks late. Spinach supplies are coming from Californa and Texas.

Southern Alberta potato growers, despairing of better markets, are selling potatoes for stock feed and quoting mostly $4 per ton ungraded in bulk.

Misunderstanding Concerning Ottawa's $500,000 Cheque

VICTORIA, MMarch 11.—Implication in government statements yesday that the $500,000 approved by Dominion order in-council on March 2 for advance to the provincial government to cover Dominion share of municipal relief works is ready for distribution is unfounded.

As the evidence of E. D. Johnson before the unemployment committee made quite clear yesterday, the order in-council does not become effective until the Dominion relief act has been renewed by parliament. That bill is still under debate in the commons and has yet to be passed by the senate and given vice-regal assent. The time required for this is entirely uncertain.

Harry Hereford's letter from Ottawa announcing that the order-in-council had been passed was read to the house committee here and stated that the money could not be forwarded until the new act was in force, which may be two or three weeks yet.

Out of the $500,000 it was stated that $324,000 is earmarked for municipalities. but the question of when it will be available for distribution is still exceedingly vague.

KAMLOOPS BULL SALE

The fourteenth annual provini bull sale and fat stock show will be held at Kamloops on March 16 and 17 next. Copies of the catalogue and particulars may be secured from the district agriculturist at Grand Forks.

Economy practiced when one has plenty may develop into stinginess.

New Taxes Driving Cars Off the Road

VICTORIA, March 11.—Instead of fulfilling the pledge to reduce the license fees charged to motorists as made at the time the gasoline tax was increased from 3 to 5 cents a gallon, the government is now imposing further taxes on motorists, T. D. Pattullo and A. M. Manson, Liberal spokesmen, chaged in the legislature Wednesday.

The bill was given second reading.

Making drivers' licenses an annual affoir at $1 a license involved a tax of -2 to $5 ayear on every family with a car and in normal times would amount to between $300,000 and $400,000 a year, said Mr. Manson.

In the present condition of affairs, hower, Mr. Manson contended that the increasing of taxes on motorists reduce the amount of the gov ernment's revenue from motorists.

This new drivers' tax and the increase in gasoline tax would cause probably another 10 to 15 per cent of motor cars to be laid up.

Already this year he noted that only 55 per cent of the registered cars in the province had taken out licenses and the new taxes would drive off the road.

Hon. W. A. McKenzie disputed that the government had ever promised the Automobile club a reduction in license fees. If even $1 a yetr were cut off license fees it would mean $100,000 a year less for maintenance of the roads. He insisted the motorists should pay for the roads they use.

The oppposition speakers commended the new insurance clauses are at least an effort to bring about safer conditions on the highway, but did not consider thot the good effects anticipated would be fully realized.

"It is a passive measure at best," said Mr. Pattullo.

Hon. J. W. Jones stated that on January 31 the number of motor licenses issued was 55,700 as against 62,100 issued at the same date last year, which was 90 per cent, not 65 per cent, as Mr. Manson had argued.

The latter said he referred to the total number of cars in the province and the figure of 55,000 quoted by Mr. Jones did not even attain to 65 per cent.

Ask for Probe Into Scandals

VICTORIA, March 11.—For the first time the unemployment investigating committee learned yesterday some of the subjects that opposition members wish to have inquired into.

Dr. W. H. Sutherland and A. M. Manson have a long list of subjects with regard to alleged purchases at excessive prices, payment of commissions to Conservative secretaries and destruction of excessive supplies of meat which went bad.

Chairman H. D. Twigg suggested that Liberal members should bring these witnesses, but Mr. Manson said the committee was instructed to make the enquiry and private members could not pay the expense.

Following ares ome of the specific enquiries that Liberal members ask for:

Were rentals paid for camps and camp sites

Production of Mr. Bain of Mission to testify whether he sold lumber for camps at $12 a thousand which went through another man who got $20 and whether Mr. Bain had to pay the secretary of the Conservative association 50 cents a thousand.

Production of Mr. Blair of Mackie Smit & Blair of Vancouver, to tell whether he gave a price to the government for 10,000 blankets and whether somebody else purchased one-third that number for the government at a price greater than that quoted directly for the whole 10,000.

Grand Forks Pioneer Died in Rossland

William David Willson, a resident of Rossland for more than 35 years, passed away at his home on Queen street in that city early Friday morning. Mr. Willson, who was in his 58th year, was born in Milton West, Ontario, but spent much ofhis early life in the United States. He was engaged in bridge building and was house-moving in the state o Washington, and did a great deal of work on the last lap of the Northern Pacific. When that railroad abandoned, overnight, its plan to make Old Yakima a divisional point, Mr. Willson moved the majority of the buildings from that town, five miles across the prairie, to North Yakima, the new terminus. Coming to Trail and Rossland in 1895, he carried on contracting for many years, and had extensive property interests in both cities. The deceased was mayor o Rossland in 1914, 1915 and 1916, and in the latter year was elected to represent the old Rossland riding in the provincal legislature. He was always keenly interested in anything tending to promote the welfare of the community, and especially of the children. One of his achievements was the playground equipment at the McLean school, Mr. Willson having contributed one-half o the cost from his own pocket and securing an appropriation from the government and contributions from citizens to make up the balance. The deceased is survived by his wife, one sister, three brothers, and two step-sons.

Mr. Willson lived for some time in Grand Forks prior to going to Trail, and all the old-timers of the city will remember him.

JUNIOR CLUBS

Owing to reduced appropriations, the junior club movement in the district will have to be curtailed this year. Only one poultry club will be allowed in each district this year and the number of swine and calf clubs will be limited. Organization of the various clubs will commence shortly and boys and girls who intend to join this year are requested to notify the officials of the Farmers' institute or women's institutes in their respective tricts who are acting as organizers this year.

Standing of The Central School Pupils

The following is a list, in order of merit, of the pupils attending Central school during January and February:

DIVISION I.

David Tonks, Catherine MacDonald, Jean Glanville, Crystal Mason, George Tonks, John Gowans, Winnie Wykes, Shirley Docksteader, Annie Ronald, Julia Klema , Frances Sandner, William Ogloff, James Graham, Ralph Meakes, Mabel Miller, Winnie O'Keefe and Douglas Archibald equal Doris Egg, Norman Hull, May Thompsnn, Joe Pavlis, Irene Frechette, Bernice Hull, George Ronald, Lois Di smore, Aulay Miller, Francis MacDougall, Caswell Todhunter, Veronica Kuva, Roger Dondale.

DIVISION II.

Alfred Knowles, 5del Sather, Audrey Donaldson, Ruth Kidd, Eda Rella, Isobel Donovan, Helen Dorner, Gerda Sather, Glen Willis, Charlotte Cagno, Peter Palek, Mike Starchuk, Annie Hlady, John Vatkin, May Kuva, Gladys Clark, Joan Thompson, Doris Mattocks, Annie Markin,James Foote, Walter Meakes, Ruby Wilkinson, Sadie McDonald, Jack Sundquest, Margaret Cookson, Jean Dinsmore, Hugo Wood, Adolph Talarico, Eileen Markell, Mike Danshin, Vera Pavlis, Barney Hlady.

DIVISIIN III

Percy Poulton, Wilfred McLauchlan, Alice Knokles, Helen Ogloff, Catherine McPherson, Emma Rella, Jessie McNevin and Mary Stephenson equal, May Crawford, Dorothy Chambers, Daniel McDonald and Joan Pearson equal, Mike Slakoff, Wilma Miller, Alice Starchuk, Donald Thompson, Fred Plaski , Andy Pavlis, Joan Wood, albert Jepson, Arthur Topp, Georg eSkuratoff, Hal Brinkman and Viola Hughes equal, Eddie Chambers and Val Ruzicka equal, Polly Ogloff (missed 1),George Murray, Leslie McParlon, Joe Pohoda, Jean Wood, Earl Brown, Florence Ridley (missed 3), Mike Harkoff Eunice Koftinoff not ranked.

DIVISION IV

Virginia Vant, Pete Boyko, Henry Dorner, Catherine Kleman, Jessie Christian, John Skilling, Mabel Kinakin, Katherine Freeman, John Zebroff, Roma Donaldson, Windsor Rooke, Grant MacDonald, Nora Chapman and Naida Thompson equal, Tannie Plaski , Bruce Kidd, Lillian Gowans, Ruby Rowlandson, Bernard McPherson, Chappie Matthews Sandy Gray, Mary Lang, Alfred Petersen and Victoria Ritco equal, James Lawrence, Ale Donaldson, Irene Tedesco, Florence Ritco, Leonard Stephenson, Hazel McParlon, Beverley Mehmal, Jock Wilkinson, Kathleen Klinosky, Mary Markin, Jack Esouloff, Albert Talarico, Freddie Siminoff, May Brown, Virginia Holmes, Catherine Kuva, Mary Woodward (not ranked).

DIVISION V

Alice Kinakin, Joan Petersen, Anie Vatkin, William Glanville, Wesley Docksteader and Jean Dondale equal, Earl Armstrong, Jea Pennoyer, Claus Thoem, Addie Evans, Nick Danshin, Polly Plaskin, Peter Starchuk, Bill Zegroff, Jean Ingram, Marjorie Ridley, Rocco Talarico, Jacob Lang, Bernice Cookson, Juanita Fee, Gertrude Hutton, Maimie Peterson, Gladys Meakes, Charles Cook, Mabel Euerby, Fred Massie, Mabel Wallach, Thomas Scheer, Celia Palek, George Grey, William Chahley, Geraldine Patterson and Frank Wolfram equal. Patrick Pavlis, Sandford Fee, Robert Skilling, Georgie Egg, John Tedesco, Geraldine McKay, Mary Borsuk, Nick Harkoff, Lily Roper.

DIVISION VI

Grace Hull, Rosie Lavia, Gwen Parry, Lillia Hansen, Peter Kinakin Nick Kuftinoff, Lois Patten, Mike Ogloff, Willie Starchuk, Velma Tibbetts, Anna McParlon, Elfreda Wolfe, Flora Evans, Beryl Love, Helen Kleman, Allendale Harrison, Sonny Allan, Wilfred McDonald, Eelva Kidd, Elvera Talarico, Dolly Skilling, Stanley, Ruzicka, Agnes Miller, Glendine Fee, Floyd Ingram, Derrald Thompso , Robert Galloway, Stewart Canniff, Pete Posnikoff, Peter Kuftinoff, Alfed Allen, Mary Lavia, Lillian Chambers, Joyce Onions, Polly Koftinoff, Jimmy McLeod, Donald McNevin.

DIVISION VII

Mary Hlady, Gordon Carter, Bill Poskoff, Ella Andrew, Stella Boyko Elta Egg, Evelyn Galloway, Norma Fee, Bernadette McDonald, Aubrey Smith,Harold McParlon, Freddy Hull William DeWilde, Billy Scheer,Harry Woodhouse, Fanny Saminoff, Nick Pavlis, Lucy Starchuk, Mac Hutton, Manfred Freema , Leslie Andrew, Jessie Ridley, Frank Kuva, Harry Euerby, Rocco Lavia, Vera Brown, Billy Donaldson, Ralph Tedesco,John Rooke, Patricia Markell, Victor McNevin, Nellie Pohoda, Polly Svetlishoff, George Ritco, Audrey Vant, Emil Larsen, Doris Ritco, Douglas Cooper.

DIVISION VIII

Jean Knowles, George Argotoff, Gle dine Kidd, Glenn McInnis, Bill Seroka, Edith Talarico, Ross Pennoyer, Geraldine Vant, Madeleine Anderson, Irene Andrew, Buster Skilling, Florence Ladon, Jimmy Markin, Jimmy McDougall, Margaret Galloway, Alfred Rella, Nellie Talarico, Paul Plaskin, Alex Markin, Jack Argotoff, Gerhard Raloff, Roland Harrison, Paul Kuftinoff, John Zubek, Jean Scott, Jack Graser, Polly Ssouloff, Jacqueli e Murray, Johnny Starchuk, Walter Graser, Leo Palek, Mike Kuftinoff, Lucy Danshin, Billy Eremko, Winnie Hughes, Roy Rowlandson, Jennie Myers, Dorothy Evans. Not ranked—Tommy Walker, LaRo Thompson.

Victoria Seeks To Close the Relief Probe

VICTORIA, March 11.—How much further will the unemployment committee of the legislature go with its investigation?

It leaked out today that the government expected the hearings of the committee to end yesterday. Chairman H. D. Twigg agreed to try for a sitting after the house arose yesterday afternoon, but government members kept the house in session until after 6 o'clock, so this was impossible.

Conservative members refused to agree to sitting Thursday evening or this morning, as mainland members seldom reach Victoria until 3 p.m. Monday, it is improbable thatt the committee will sit again until Tuesday.

So far the proceedings have consisted of placing on record the documents selected by Gen. J. A. Clark, government counsel, bearing on the disagreement between Ottawa and Victoria.

STANDING FIELD CROP COMPETITION

A standing field crop competition will be held under the auspices of the Grand Forks Farmers' institute in cooperation with the British Columbia department of agriculture. This competition will be limited to members of the institute and there must be at least six entries. The same crop shall be used throughout each competition, and it may be either wheat barley, oats, rye, potatoes, corn, peas, clover, alfalfa, timothy, or other staple field crops grown in British Columbia. Farmers who wish to enter this competition are requested to notify the district agriculturist. Prize money paid in this competition will amount to $30.

MECHANICAL THINKER SOLVES HUMAN PROBLEMS

CAMBRIDGE, Mass., March 10.—A new mechanical brain of steel alloys at Massachusetts Institute of Technology furnishes a suggestive picture of the human brain in thinking.

The mechanical 'thoughts" are only of one kind, the solution of differential equations. Some of these take hours or even days for the human brain. The mechanical "thinker" completes them in a few minutes.

The Robot brain is called the differential analyzer. Its food is electric current. One flyweight of force controls it, and it consumes about one-horse power for 10 minptes to solve a problem.

Southern Route Not Yet Ready For Tourists

Questioning whether the southern transprovincial road from Grand Forks to Lethbridge was developed to the point to warrant advertising to attract tourists,Trail board of trade on Monday night withheld action indorsing the Southern Scenic Red Trail association's plans to attract tourists.

Letters from H. M. Whimster, of Nelson, vice-president of the association, outlined what had been done at an organization meeting at Fernie, and stated map-pamphlets would be issued. Allocation of various boards for the $1000 budget were given, Trail's being $150.

But it was argued that the road was not in the best condition, and that to attract tourists in its present condition would give it "more of a black eye" than anything else. Until the road was in fair condition no effort should be made to advertise, it was felt.

The board decided to inform Mr. Whimster that it did not feel that the time was ripe for advertising the road, offering a meeting with the board council if he desired to go further into the question.

Says Gov't Should Resign

VANCOUVER, March 11.—The resignation of the provincial government, if it persists in its intention to make municipalities beor social service costs , was demanded yesterday by Ald. John Bennett, finance committee chairman, and prominent Conservative in private life.

"The only proper constitutional course in making such a wide departure from established practice would be for the government to make an appeal to the country on the issue," he declared.

As an alternative, the government might invite the opposition to form a offered.

He drew a comporison between the provincial situation and the prevailing recently in Great Britain.

"Ramsay MocDonald," he said, "didn't pass on the burden to the cities and boroughs. He cut social service and government costs as much as he could and then appealed to the country for a mondate to carry on under a joint government. That would be the proper course to pursue here."

The finance head termed the government's reported intention "most unfair and unjust."

"I haven't the slightest idea how we will be able to budget for Vancouver if this plon is carried into execution," he stated. "We have cut salaries and staffs to meet the increased cost of unemployment, estimated at $820,000 this yeor as compared with $650,000 last year. Then, too, the Vancouver General Hospital has a larger deficit which must be met. Fixed charges, such as sewerage board assessment, have gone up, and in addition we are faced with declining revenues. We have reached the limit of our taxation powers for general purposes. This plan would create a most serious situation."

BROKERS MADE FIVE MILLIONS ON LOAN

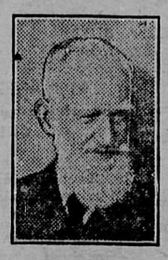
OTTAWA, March 11.—The total amount borrowed under the conversion loan of May, 1'31, was $643,190,300. The total commissions to chartered banks and brokers was $2,960,358. Other expenses, including advertising, printing, engraving of bonds and clerical assistance was $599,425. The commissions and all other expenses represent 55-100 of 1 per cent on the principal account.

The amount borrowed under the national service loan of 1931 was $221,139,358. The commissions to banks and brokers was $1,319,196. The other expenses were estimated at $266,000. Commissions and all other expenses represent 95-100 of 1 per cent of the amount raised. The total amount of commissions paid for the two loans was $4,779,464.

Disclosure that Ottawa had refused to pass vouchers for provincial goverment relief works charging up tobacco, boots and shoes, travelling expenses and office furniture, precipitated a lively passage at arms in the legislature unemployment investigating committee yesterday morning.

Malvern Calls To Drama-Lovers

As Malvern's beacon blazed forth the news of the Armada over the entire West Country, so from the little English town, nestling among the Worcestershire hills hard against the Welsh border, word goes forth today of the keeping alive of the spark of the English drama, faithfully from year to year, by means of the town's Annual Festival. Under the direction of Sir Barry Jackson, this event has become a national institution, even as its companion festival at Shakespeare's immortal Stratford-upon-Avon. This year's program includes known and unknown english productions dating from 1513 to 1931 and is dedicated to George Bernard Shaw, to whom Sir Barry is looking to produce a new play, as the principal item of the bill, as he did "The Apple Cart", at the original Malvern Festival. The festival runs from August 3 to 22, inclusive, consisting of three repeated weeks of plays and a series of lectures by well-known authorities. Malvern is only 128 miles from London, but Gloucester and Worcester, both cities of considerable size and offering first-class hotels, are within easy reach. The town itself is also making special arrangements for the comfort of visitors during festival time. In addition to this the whole section of England is studded with villages and small towns with good accommodation for travellers, and is cris-crossed with railways and excellent automobile roads, in scenery of unsurpassed splendor.



George Bernard Shaw

Sir Barry Jackson

Sailings of the Canadian Pacific's "Empresses" and "Duchesses", from Quebec to Southampton and Montreal to Liverpool, respectively, make excellent connections with the various weeks of the festival at Malvern, and will include the palatial new "Empress of Britain", the biggest and fastest ship in service between British Empire ports.

The Grand Forks Sun

G. A. EVANS, EDITOR AND PUBLISHER

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FRIDAY, MARCH 11, 1932

Plesippus shoshpensis! That's the name of the new horse at the National museum. He's hailed as the missing link in the evolutionary chain of the modern horse. Many skeletal remains of this new and long-sought species of fossil steed have been discovered near Hagerman, Idaho, by a Smithsonian institution field party. Scientists regard the discovery as one of the most important in vertebrate paleontology in recent years.

BISON AMERICANUS is doing well in Canada. Rescued from what seemed certain annihilation, watched and guarded and encouraged by the gov rnment, its progeny are so numerous that it b comes necessary to slaughter 5000 of them. Bison Americanus, of course, is the buffalo, which is thriving now in this country, although the herds are numbered in hundreds and thousands wher once their ancestors roamed the great plains of the Middle West in uncounted millions. They wandered in gr at herds when the men came t North America, they were found over one-third of the continent, and there are records of them massed on a front of 25 miles to a depth of 50 miles Their decimation is n old story. In 1870 they were plentiful; by 1880 they were becoming scarce, in another decade they were all but gone. At the turn of the century, so far as was known, there was not a single wild bull to left in Canada save one herd of 3000of the so-called "woodland type" which had its feeding grounds in the then almost inaccessible country south of Great Slave lake. Today the great Buffalo National park near Wainwright, Alberta, maintains between 5000 and 6000 of these magnificent animals. Nearly 7000 have been transp rted north to join the wood buffalo in the Great Slave lake pasturage, where also they are under the protection of the government. Canada's experiment in buffalo conservation dates from 1907, when the government purchased 716 of these animals from Michael Pablo, a shrewd half-breed f Pablo, Mont., a small herd which has increased almost thirty-fold since that time. By 1926 Wainwright park h d the full quota of 5000 buffalo which was the number set as its most efficient maximum, and surplus animals were slaughtered. In another year the overflow from the park was sent to the Great Slave region. Since that time both means have been adopted to keep the number within bounds. The slaughtering of buffalo helps in a small way toward reimbursing the government f r its expenditures in behalf of the herd.

THINGS have changed more than a bit. No one talks about easy money. The children, the young people, are hearing and seeing that idleness is a ghastly thing. They are afraid of idleness. Even they have lear ed that easy money isn't too reliable. We thought that the days of great personal achievement in this country might be over. There wasn't much unexplored la d left, nor many mines to discover. But as things stand now, there are enormous jobs to be done on the vitalizing a d organization of finance and industry. It will take just as much energy as ca be brought to it. The ideals of all these children are going to be better than they might have been if things had gone on at their swift, luxurious, self-indulgent pace. They are bei g brought up to realize that employment is a vital consideration of an entire country and to see how interlocked social groups are.—Margaret Culki Banning.

A MAIL CARRIER presents official figures showing that in the course of his 42 year career he walked a distance equal to nine journeys round the earth. But the housewife, the w itress, the bus conductor, the doctor and many another person who does not seem to move far from the spot takes, in reality, an astonishing abount of exercise. Pedometer records have shown that a woman with a husband and two children, walked about fifty miles in the course of a week. In another case tested by pedometer, a girl dancer at a theater, who has plenty to do on the stage, found that her work entailed fewer steps than that of a housewife who had no children to look after. School boys and girls have been found to walk more than seventy miles a week, in the course of their restless flittings hither and thither. A London bus conductor has a very strenuous day's physical labor. In addition to walking about thirty miles in the course of his week's work, he has been found to climb every day the equivalent of nearly two-thirds of the height of Mount Snowdon. A golf professional discovered that he had walked a little over 110 miles in the course of giving 54 ordinary lessons to beginners on the links.

A TALE of broken love, related in a prosaic San Francisco court. Just one in many thousands, and yet it yielded what writers call a "good line" which might have done c Oscar Wilde. The man had been relating his marital troubles, carefully following step bp step the path that had finally brought the divorce. "She stopped loving me as soon as the honeymoon ended," he declared, "and from then on, the skids were under the romance." "But some married people claim that the honeymoon never ends," remarked the court. "Just when was your honeymoon over, and how could you tell?" "Well," replied this Solomon from the oil fields, "a honeymoon is over when a woman quits dropping her eyes and begins raising her voice."

IF THERE is any characted that predominates in the infinite variety of form and outline among the smaller Galapagos islands, it is perpendicularity. They seem to specialize in it. On some of them the rock walls, rising directly out of deep water, are so nearly vertical that a landing could be made upon them only with great difficulty, if at all. On some of them no human foot has ever trod. In many cases the waves have cut the shore line inward in a deep groove, so that at ten or twenty feet above low water the rock actually overhangs, and one walks or crawls, if he can keep his feep at all, under a sort of portico whose roof is carved into innumerable coigns and arches and inverted pinnacles of the most fantastic form Not seldom the unceasing erosion of the waves has worn the rock away into huge caverns and flying buttresses and natural bridges, and here and there a great promontory or a whole island, like Watson island or Kicker rock, has been pierced clear through from side to side in a passage high enough to take a boat.—Gifford Pinchot in Saturday Evening Post.

MORE than 10,000,000 persons, or approximately one in every twelve inhabitants, are treated each year in he hospitals of the United States, according to figures cited in "a survey of statisical data on medical facilities in the United States" prepared by Dr. Allon Peebles for the committee on the costs of medical care. Latest figures in possession of the committee show that inhabitants of the United Statesspend an average of more than two days a year each in bed in hospitals. The survey of medical facilities is part of a five-year study being made by the committee on the costs of medical care under the chairmanship of Dr . Ray Lyman Wilbur. Its purpose is to study the problem of the "delivery of adequate, scientific medical service to all the people, rich and poor, at a cost which can be reasonably met by them in their respective stations in life." Altogether there are at present over 900,000 hospital beds in the United States, the survey indicates. This includes beds of all kinds—for medical, surgical, mental, tubercular and other types of cases. There are, besides, more than 49,000 bassinets for new-born infants. It was found by a study made in cities ranging fr m 100,000 to 300,000 in population that for every 100 hospital beds there are two internes, seven graduate nurses, twenty-nine student nurses and two attendants to care for the occupants. Including physicians, dentists, druggists, midwives and other practitioners and all the other types of workers in the field of health, hygiene and disease, the business of curing illness and maintaining health employs nearly 1,500,000 persons in the United States. About 600,000 of these are employed in hospitals.

HOW much water is wasted by a dripping tap?An answer was provided when New York provided to levy a fine of two dollars for every tap found leaking. In two ... 00 gallons of water were saved. I tseems absurd to worry about the amount of steam wasted when a locomotive blows a whistle. But Doctor Foley of Indiana university has calculated that 2,434,026 tons of coal are consumed annually in generating steam to blow Uni ted States locomotive whistles, and that if the whistles were moved slightly forward and adapted to a single high-pitched note, move than 1,000,000 pounds a year could be saved. But this loss is small compared with that involved in throwing into the dustbin cinders that would still give a lot of heat. It is estimated that a third of the cinders throw n away retain from 50 to 70 per cent of their heating value.

A scientific writer points out that the "amplification of radio brings to our ears the babble of the atoms in a mothball and the molecular clamor in the heart of an onion." The plai radio, unamplified, also brings the babble of the hard-boiled egg, and the clamor in the heart of the toothpaste agent.

Since England launched in 1847 the earliest know handbill for woman's suffrage, the crusade for equal rights has circled the globe. Women now have partial or full suffrage in thirty-three ations.

James A. Bungate of Spokane, Wash., member of Washington's original Constitutional convention, sig ed the original state's constitution forty-two years after its adoptio .

Despite the widespread of electricity, gas or kerosene as illuminate, the oldest of lighting devices, the candle, is an $18,000,000 item in the annual export trade of the world.

St. Kilda, a lonely island some seven miles in circumference og the outer Hebrides, has been sold by the forme own Si Reginald MacLeod, to an ornithologist who wishes his identity to remain hidden. This buyer plans to keep the island in its natural state so it may remain an ocean sanctuary for the sea birds which migrate there in great numbers. Under the terms of the proposed plan it will be possible for tourists to land and visit the huge island aviary, but no buildings will be placed on the land.

Quick and well done don't agree.

According to a survey of Joseph W. Roe professor of industrial engineeringf at New York university, it would require 12, 000,000,000 servant to do the work that machinery performs each day in the United States. It is estimated that for every man, woman and child in that country there is generated power equal to that of 100 servants.

Don Quixote fought windmills, but up in San Joaquin valley, California, they are using windmills to fight frost. An electrically driven propeller of the type used in large airplanes is mounted on top of a steel derrick. It starts enough breeze to keep the frost off of twenty acres of citrus. Six machines have been in service for some time.

ANCIENT HISTORY

LIFE IN GRAND FORKS TWENTY YEARS AGO

Walter E. Hadden, of the firm of Sheads & Hadden, has purchased the 20-acre tract of land formerly known as the Bassett ranch, adjoining the Big Y orchard on the east, from Mrs. Ja e Pattinson, the price paid for it being in the neighborhood of $3500.

Five miles of Rock creek, between White's bar and the falls, have been leased by a Keremeos and Vancouver syndicate, who will test the bed of the creek for placer gold by diamo d drill.

Miss E. Gilmour, for three years clerk in the post office, left last Monday for Vancouver on a visit to her sister, Mrs. Staines. She intends to remain in Va couver until next summer, when her sister, Mrs. J. C. Taylor, and her mother of Port Arthur, Ont., will visit the coast.

Peter Ha sen and M. F. Mullen have formed a partnership for handling baggage and to do a general trans fer and teaming business. Both are old reside ts of the city.

The Grand Forks Baseball club was reorganized for the season at a meeting in th city hall on Wed esday night. The following officers were elected: Pesident, W. J. McIntyre; secretary-treasurer, W. Demuth; manager, F. Haverty.

The baseball fa s of the Boundary have exhibited considerable activity during the past week. The indications are that both Grand Forks and Greenwood will have strong clubs this season.

POEMS FROM THE FAR EAST

ARABIA

PROCRASTINATION

Youth is a dru ken noisy hour,
With every folly fraught;
But man, by age's chast'ning power,
Is sober'd into thought.

Then we resolve our faults to shun,
And shape our course anew;
But ere the wise reform's begun
Life closes on our view.

The travellers thus who wildly roam,
Or heedlessly delay,
Are left when they should reach their home,
Be ighted on the way.

—Hebat Allah Ibn Altalmith.

Health Service

OF THE

Canadian Medical Association

Edited by

GRANT FLEMING, M.D. ~ ASSOCIATE SECRETARY

HOW MUCH?

How much you should eat of what you do eat is a subject of real importance to you. No one can set down for you the exact amounts of the different foods you should eat.

The amount of food required varies according to age, sex, season and activity. During the years of growth, food is required for body building, which is not needed once growth is completed. Men require a little more food than women. Activity uses up energy, and as body energy comes from our food, the active person requires more food than does the individual who is inactive. The heat of the body is maintained at an even level, and in cold weather, more food is used to keep the body warm than is necessary during the summer season.

How then is any one person to know how much to eat? The simplest and most practical method is to watch your weight. You can find out the average weight for your age, sex and height. Weighing yourself occasionally will show whether you are gaining or losing weigth, or whether an even weight is being maintained.

If you are overweight, you have eaten too much in the past. If you are overweight and gaining, you are eating too much in the present. The average is true as regards underweight and continuing loss of weight.

It may be that underweight is not due to an insufficiency of food alone; it may be that the right kinds of foods are not being used. Nutrition is not, by any means, entirely a matter of food. Loss of weight may be due to actual disease, or to lack of rest, or fresh air, or some other essential to healthy living, the absence of which interferes with the proper digestion and use of the food eaten.

The person who is free from disease and who is using the wide variety of foods which he should take, can judge as to the quantity needed by watching his weight. We are not suggesting that you should you should live with your eye on a weight scale, but we are of the opinion that an occasional weighing, once a month, is a good way to keep a check on the quantity of food eaten.

It is much easier to avoid overweight than it is to correct it. It is much more simple to cut down sufficiently on the diet to avoid adding weight than it is to cut og enough to reduce weight. Weight can be reduced, but the process requires considerable determination, perseverance and sacrifice.

Many people are tempted to eat more food than they need. It requires self-restraint to pass by certain inviting dishes. However, failure to control the appetite is punished by digestive upsets and by overweight which is a burden and a handicap.

Questions concerning health, addressed to the Canadian Medical Association, 184 College Street, Toronto, will be answerel personally by letter.

SUNSHINE

"The girls wear some snappy waterproof coats today."

"Yes, you have to be smart to stay out in the rain."

* * *

Think of ease but work on.

Fine Business

"War is getting worse than ever."

"Huh?"

"Now if you win a war you have to pay for it."

* * *

Why Not

"Now, which of us shall wait for the other?"

"The one who arrives first."

* * *

Smarty!

Daddy was becoming irritated as his six-year-old son was bubbling over with Christmas cheer. Every day the boy added new items to Santa's list. Rushing into the house from his last trip to Santa's headquarters, he said:

"Oh, daddy, Santa Claus promised—"

"Listen, the next time I see Santa Claus I'm going to shoot him," daddy interrupted.

"What are you going to do, daddy, shoot yourself?" chimed in a wise nine-year-old boy standing by.

* * *

In Repose

Auntie—Well, John, how do you like your new baby brother?

Four-year-old John—Asleep.

* * *

Interested

Little Dick watched with great interest the movements of his aunt as she carried a freshly decapitated fowl in one hand and a kettle of boiling water in the other and proceeded toward an outdoor inclosure in the rear.

"May I watch you peel him, Aunt Mary?" timidly asked the young visitor.

* * *

And That's That

"And what would I have to give you for one little kiss?"

"Chloroform."

* * *

Why Not?

"Mummy, why do men shoot lions and tigers?"

"Because they eat sheep and kill the lambs. They should not do that."

"Mummy, why don't men shoot butchers?"

* * *

And On and On!

"Do you ever read in bed "

"Not now. I often lie awake and listen to a lecture, though."

* * *

Enough Said

"He always has a lot of great schemes."

"Yeh! He has more schemes than a movie actress has wedding rings."

* * *

Diplomacy

Mrs. Beater (at door)—Are you a bill collector?

Man (with foot in the door)—Yes, but I just want a debt parley with your husband this time.

* * *

Whole Show

"Yes," said the sweet young thing, "I'm going to study law and become a lawyer."

"Why not just get married and become the lawyer, judge and jury "

* * *

Prison Fare

"It's too bad about Old Potlicker, isn't it—he has to keep to a very strict diet—just a little of certain special food."

"What's wrong with him—indigestion or insomnia?"

"Neither—you see, he's in prison."

* * *

Take Your Time

Gawler—I'm looking for some one to lend me $10.

Funk—Well, it's a nice day for it.

* * *

When He's Flush

He—When is your birthday?

She—When will it be most convenient for you?

Why pay more for commercial printing when you can get a better job at a lower price??

FACTS THAT YOU MAY NOT KNOW

Beed Clothes

Keep the bed clothing clean by basting a strip of material, one yard wide, on the top and under side of comforts and blankets. When this cloth becomes soiled, remove it and launder.

—*—

Painted Surfaces

If the paint is marred by dirty finger marks, rub gently with a flannel cloth dipped in parafin oil. Wipe with a cloth wrung out of hot water.

—*—

Instead of Meat

Cottage cheese, macaroni and cheese, or some other cheese dish, or an egg dish, may be considered as a substitute for meat.

—*—

Coffee Cans

Where coffee is purchased in tin cans, with tight-fitting lids, it is well to save these cans and use them as containers for cereals, matches, cookies, and many other purposes. If they are painted and labelled, so much the better.

Every article in The Grand Forks Sun is worth reading.

AS IT IS

We wander in,
And know not why;
We stay awhile
To laugh and siyh.

We work a space,
A space we play;
Grey cluds or sun
Come every day.

Too short for one,
For one too lonp;
And yet for all
Are wine and song.

We love a bit,
A bit we hate;
We learn a lot . . .
A lot too late.

We wander out,
And know not where . .
If wise fools talk
Why should we care?

—A. R. Ubsdell, in Empire Review

Save Money!

Mail all your

Easter

Cleaning and Dyeing to the

CUT RATE CLEANERS & DYERS
1103 Commercial Drive,
Vancouver, B. C.

ANNOUNCING

Our Drive for 20,000 New Mail Order Customers. We give this Extraordinary Special Offer:

SUITS
COATS
DRESSES
HATS
75c
Thoroughly Dry Cleaned and Pressed

DYEING

SUITS
COATS
DRESSES
$2.25
Any Color
Send Sample Shade if Possible

PERFECT WORK
QUICK SERVICE
LOW PRICES

Every Order Boxed. Our System of Packing assures the arrival of your Garments in perfect shape.

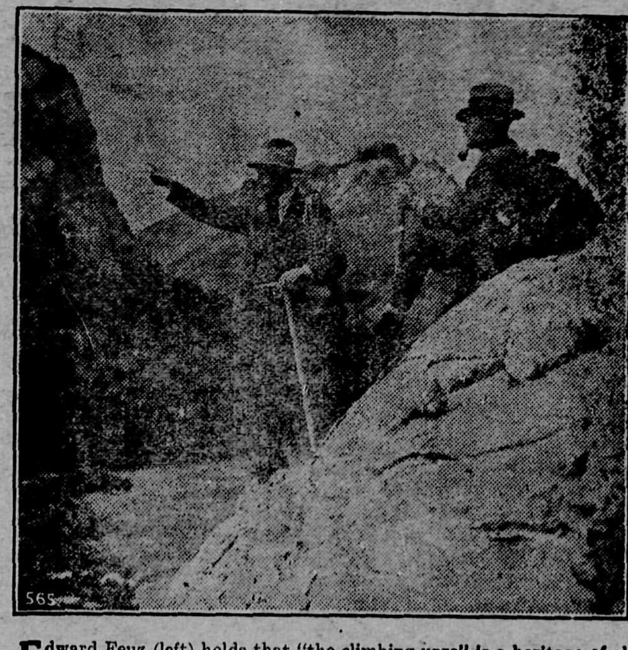
All Orders Returned Same Day as Received.

SPECIAL

This Ad., when sent in with your order, is worth 25c.

Address your parcels to
CUT RATE CLEANERS & DYERS
1103 Commercial Drive,
Vancouver, B. C.

Show Them A Mountain And They'll Do The Rest



Edward Feuz (left) holds that "the climbing urge" is a heritage of all white races, be the objective high furniture for an infant; a tree-top for a schoolboy; or the pinnacle of success or the summit of a mountain for an adult. He ought to know, for he makes his living as a mountain guide in the heart of the famous Canadian Rocky Mountains, with headquarters at the Canadian Pacific Railway's hotels at Banff and Lake Louise, and has more "first ascents" to his credit than any other man in the country. His brother Ernst (right) is also an experienced guide and mountaineer. Both are natives of Interlaken, Switzerland, and have winter-homes in the little Swiss guide village of Edelweiss, in the Columbia Valley. They are shown scanning the peaks adjoining the Banff Springs Hotel.

CITY REAL ESTATE FOR SALE

Applications for immediate purchase of Lots and Acreage owned by the City, within the Municipality, are invited.

Prices:—From $25.00 per lot upwards.

Terms:—Cash and approved payments.

List of Lots and prices may be seen at the City Office.

JOHN A. HUTTON,

City Clerk.

THE CONSOLIDATED MINING & SMELTING COMPANY OF CANADA, LIMITED

TRAIL, BRITISH COLUMBIA

Manufacturers of ELEPHANT BRAND Chemical Fertilizers

Ammonium Phosphate
Sulphate of Ammonia
Triple Superphosphate

B. C. AGENTS BURNS & CO. LTD.

Producers & Refiners of TADANAC BRAND Electrolytic

Lead-Zinc
Cadmium-Bismuth

What the Rural Weekly Press of B. C. Can Offer

THERE are fifty-five regular weekly newspapers in British Columbia. They are published in a widely scattered field in communities with populations of from 300 to 400 to one of 10,000. Sixteen are published in communities of less than 1000 population; fifteen in communities of 1000 to 2000 population; seven in communities of 4000 to 5000; four in communities over 5000 to 10,000. These weeklies appeal to 145,000 of British Columbia's population. The news in these newspapers is mostly all local, because that is what interests the readers, and the advertisements for the most part tell what local merchants are doing. The country editor knows the people he serves; they are farmers, lumbermen, miners, fishermen, prospectors, laborers, all. It is estimated that the average farm family spends $2000 every year for things which are not necessary to raise crops. The total sum that is spent by farmers in the United States for those things with which to live well is the appaling sum of thirteen billion dollars. Seventy-two per cent. of all automobiles sold go to people living in towns and comunities of less than 5000 population. Using the same proportionate figures to estimate the buying power of the rural population of British Columbia served by the weekly newspapers of the province, and we have something like 70,000 automobiles purchased by residents of the province in towns and communities of less than 5000 population, and $6,000,000 spent every year by these rural families for things which are not necessary to raise crops. If one is inclined to think that only a few people, and an insignificant few at that, live in country communities served by the weekly newspapers let him study these figures or consult the last census statistics.

Closer Cooperation Between Rura and Industrial British Coumbia

ORANGE PEKOE BLEND
"SALADA"
TEA
"Fresh from the Gardens"

DISCIVERY OF PARTICLE "NEUTRON" IS GREATEST FIID IN MANY YEARS

BALTIMORE.—The discovery in Cavendish laboratory, Cambridge university, London, by James Chadwick, of the "neutron," a particle so minute it carries no electrical charge and hailed as the greatest find in the scien ific world since the electron, the proton and the x-rae, was announced on Saturday last in a dispatch from the Manchester Guardian to The Sun.

The "neutron" was described as one of the ul imate particles in nature, so tiny it would take 200,000,000,000,000,000c,000,000 to make a mass weighing an ounce. Neutrons are not waves, the dispatch said, but particles, tu they have, as particles, hitherto unknown powers of penetration.

In the realm of astronomy and the evolution of the universe neutrons are of fundamental importance, represen ing the first step in the evolution of matter out of primeval electrons and protons, the paper said.

TUT TOMB EMPTY; CURSE HAS BEEN DEFIED

LUXOR Egypt, March 4.—Scorning of "the curse of the Pharoahs" which threatens death to disturbers of Egypt's ancient tombs, Howard Carter has just completed removal of the last of the treasures from the tom of Tutankhamen.

It was in 1922, after 16 years of patient and systematic research in the Valley of the Kings that Carter, in association with the late Lord Carnarven discovered an entrance to the tomb.

Operations of cataloguing and removing some of the amazeing treasure were delayed by the death of oLrd Carnarvon, resulting from a mosquito bite.

Superstitious persons pointed to Lord Carnarvon's death as fulfillment of "the curse of the Pharoahs" and when others of the expedition died later, their comment was intensived.

Carter, however, has remained immune to disaster. The last objects to be taken from the tomb included a camp bed similar to those used today and a magnificent inlaid chest.

BRITISH COLUMBIA MORATORIUM FAVORED

VICTORIA, March 3.—A flat moratorium on mortgage principal, as advocated by many members of the legslature, received the endorsement of P. Tl Pattullo, opposition leader, today in a statement.

The report that the government merele contemplates granting the right for people to apply to the court and, if their condition is considered desperate enough, to obtain a year's grace, was not regarded by Mr. Pattullo as adequate.

"If a moratorium is needed, and I believe it is," he said, "it should be an outright moratorium. Property owners should not be required to appeal to the courts entailing expense and disagreeable publicity. The moratorium should be automatic, covering all mortgages alike during the present emergence, to prevent serious hardship to the individual and confusion to business.

"It is in the interest of the whole province to prevent the ofreclosure of a large number of the mortgages at this time."

KITCHEN GARDEN CULTURE

VICTORIA.—with the approach of spring, the departmen of agriculture is taking up with the provincial press the possibility of stimulating n interest in kitchen gardening. Thee poin out that no matter what conditions may be, if people can be persuaded to grow sufficient fruit and vegetables of their own and can or preserve them for the winter it would solve in part the problem of food and do much o obviate the possibility of distress.

GROWERS ADVICED TO BAN SMALL APPLES

VERNON.—"Aim at the smaller applesg durihg tne forthcoming season,"is the advice tendered orcharaists by Maurice Middleton, for years provincial horticulturists and more recently in charge of all horticultural activit.es in the Okanagan vallee.

Addressing the Colds ream local of the British Columbia Fruit Growers association, Mr. Middleton stated that the prospect of aBri ish preference ought to cause them to adopt orchard practices which will result in sizes for the Bri ish market. These are the larger sizes.

5000 FACTS ABOUT CANADA

The new edition of "5000 Facts About Canada," for 1932 will be welcomed by the public, as it contains a wealth of new data, including the latest census returns of cities and towns over 10,000 population. The compiler, Frank Yeigh, the well known Canadian author and publicist, meets a long felt want in this annual compendium of Canadian facts, truly "the Dominion in a Nutshell," that has a world-wide circulation. Fifty chapters deal with every phase of our national life in the most concrete form, giving a vivid impression of the progress or otherwise of the country. There is much to hearten the reader in its contents, in the striking contrasts made with previous years and chiefly when measured by 1900, showing a marked degree of progress in spite of seasonal fluctuations. The Facts in fact act as a wholesome tonic. Copies may be had at 35 cents each, or three for a dollar from the Canadian Facts Pub. Co., 588 Huron St., Toronto, or through newsdealers.

SEED IMPORTATIONS

There were mported into Canada last year seeds to the value of .3,375,000, of which British Columbia bought its share. The imports of timothy and red clover seed ran into millions of pounds. There were 59,000 pounds of onion seed and 52,000 pounds of radish seed with like quantities in lettuce and similar vegetables brought in. Everyone of these can be grown to perfection in British Columbia with its varied climate and ranges of altitude, so that there is an excellent opening for enterprise in this connection.

Keepsake?

"You admit tearing a handful of hair from your husband's head?"

"I wanted to put it in a locket."

—o—

Magic carpets are never nailed down.

Taking Her Literally

Mary—What are you writing?

Jane—A joke.

Mary—Send him my love.

—o—

The Trouble

Prof J. L. Sharfman, political economy expert of the University of Michigan, speaking of the Hoover-aval conference. told an anecdote. "The trouble with the world is everybody knows just what the other fellow ought to do, but takes no thought about what he ought to do himself.

"I found a yooung bride absorbed in a dry-looking volume.

"What are you reading?" I asked her.

"'An excellent thing,' she said. 'It is called Happiness in Marriage.'

"'What advice,' I said, 'does it give to wives?'

"'I don't know,' she said, 'I'm reading the advice to husbands.'"

—o—

Time to Duck

"Hasn't that fellow ritten o book"

"Yes, and if you aren't careful he'll give you a copy."

—o—

Just Being Himself

Mary—I wish Bertram would stop acting the fool.

Polly—That's the trouble—he isn't acting!

—o—

The Grand Forks Sun aims to keep its readers abreast of the times on all scientific discoveries.

Wrong About Sports

The American attitude toward sport is wrong. We have the only people in the world who make sport a business.—American Magazine.

Paradox

means adult unemployment.

Child employment all too often

—o—

Blackwater Furs Limited has been incorporated with a capital of $10,000 authorized for the purpose of engaging in muskrat farming near Quesnel, and in so doing to take over the property and business of the Musquash Farms Limited.

—o—

The Grand Forks Sun does not print guesswork as news. It is reliable.

Counter Check Books

WE HAVE received the appointment of Grand Forks representative for one of the largest Sales Book and Wax Paper Firms in Canada, and solicit your patronage for these goods.

The Sales Books are printed on good paper, almost the quality of Book News. We do not know of any other company that uses such good stock.

The Company is 100 per cent Canadian controlled and uses 100 per cent Canadian products in the books. When you buy from this firm you know that the money is being spent in Canada to further Canadian industry. On the other hand, records prove that other companies operating in the west are not 100 per cent Canadian controlled.

The Sales Books and Wax Paper will save you to more in buying through us than if you sent your order direct to the company.

Sun Job Office

DID YOU EVER STOP TO THINK

That advertising through the printed page has the necessary attractiveness and efficiency of performance that brings profitable results.

History has shown that continuous advertisers have found success, while non-advertisers have always been lagging behind.

Lack of advertising is killing many a business that should show increasing business instead of decreasing business.

Peple have been educated to the fact that well advertised products are the quality kind and they won't buy any other.

Continuous advertising of quality creates a buying demand which assures the advertiser quicker turnover.

Anp business in this day and time cannot stand still. Progress and competition demand that it move ahead or go out of business.

Continuous advertising of quality and service builds and keeps the confidence of the public. Without the confidence of the public, no business can move ahead.

Continuous advertising is the modern way of building better business. It proves to the public that the advertisers are proud of what they have for sale.

Anything wodth selling is worth advertising.

Advertising is the most egective selling help that can be found, because continuous advertising paves the wap to bigger sales.

Every business having something to sell should advertise continuously so the public may know who they are, where they are, and what they have for sale

—o—

Cultivate apathy. It is better than letting things get on pour nerves.

—o—

The Grand Forks Sun is known in every country in the world.

NEURALGIA?

A throbbing head will never make you suffer very long, once you learn to rely on the prompt, complete relief that comes with a little Aspirin. It is a blessing to women who suffer from regular, systemic pain; to men who must work on, in spite of eye-strain or headache. Genuine Aspirin tablets with the Bayer cross, like this:

BAYER

MADE IN CANADA

Contributed Huge Sum To Assist Employment

C.P.R. Spent more than $11,000,000 on new Branch Lines and station buildings and provided 351,000 days work for men otherwise unemployed. Co-operated by doing work years ahead.

Since the commencement of the existing economic situation the Canadian Pacific Railway has spent a matter of eleven to twelve million dollars in providing work for unemployed Canadians. When it was apparent in the late summer of 1930, that certain areas of southern Saskatchewan were to suffer from almost complete crop failure, the Company took upon itself to assist the people in that territory by beginning the construction of a branch line between Vanguard and Mayronne. This line would not, in the ordinary course of events, have been built for some time, and certainly not at a time when there was no crop available in that particular territory. But the Company desired to give employment to the farmers and their teams in the drought area. The total cost of the line is estimated to be approximately $1,000,000, and this work is still proceeding.

Mr. E. W. Beatty
Chairman and President
Canadian Pacific Ry.

The Dominion Government subsequently undertook considerable work for the unemployment relief, and the Canadian Pacific was called upon to cooperate. This the Company did to the limit of its ability by anticipating works which would, normally, not have been started for a number of years. These works included a number of new branch lines, the building of a new station at Regina, some grade revision in British Columbia, and also the application on various subdivisions of new rail and new rock and gravel ballast. The total cost of these works were estimated at $11,514,000 and, according to agreement with the Government, are to be completed at the end of the current year. It is true that the Dominion agreed to pay interest for a limited period on this capital cost, but after receipt of this interest, the Canadian Pacific will still have expended over $10,600,000 from its own Treasury in order to improve the situation in the country generally. This expenditure has been made at a time when the Company's revenues are suffering severely as a result of business depression. This programme of work, undertaken in order to cooperate with the Government, had given 351,000 days work to individuals otherwise unemployed up to August 31st last, and at September 14th it was estimated that approximately 100,000 more working days would be furnished before the works were completed.

Although the Company has succeeded in making substantial reductions in operating costs, it has hesitated to pursue its policy of economy to the limit out of regard for the serious obligation which rests upon all corporations to give as much employment as possible. While protecting the interest of shareholders as far as is consistent with its duty to the country, the Canadian Pacific has been conservative in its application of measures which would increase the number of unemployed in Canada. Only recently, after experiencing very severe decreases in earnings, have they pared down their forces to the bare essentials necessary for operation.

VICTORIA EVERGREEN PLAYGROUND

Victoria, Canada's evergreen playground, offers a striking contrast to the rest of the Dominion during the winter months, for while all other parts of the country are blanketed in snow, summer never really loses its domination there. The climate is so mild that all kinds of sports, usually subject to seasonal limitations elsewhere in Canada are all-the-year-round recreation, and the beautiful setting of Vancouver Island never loses its charm. Victoria is essentially beautiful, as the accompanying pictures show: (1) The Empress Hotel, the Canadian Pacific Railway's imposing hostelry, headquarters of all social and sporting events and Mecca of thousands who wish to escape the rigors of the prairie winter. (2) The "gallery" at the Crystal Gardens, watching. (3) Bathers in its swimming pool. (4) Butchart's Gardens, once a quarry, but now one of the finest gardens in the world. (5) The famous Malahat Drive, winding for miles through beautiful mountains and (6) A golfer, driving off at the 7th. tee.

When you want to persuade

If you want to persuade a man to do something the best way is to talk to him face to face. But if that is not possible, the best altern tive is to use the long-distance telephone.

If he hesitates you can add further arguments.

If he says "No" you can make your counter-attack.

If he wants further information you can give it to him at once.

B. C. TELEPHONE CO

Power of The Rural Weekly Press

Listen to what John H. Perry, President of the American Press Association, has to say on the influence of the country weekly:

"The force that controls this country of ours, in the long run, is the rural editor, in his capacity as spokesman for hundreds of thousands who live and earn their living on the farms and in the villages and towns.

"It is not necessary to take the writer's word for it Ask any politician whom you know. He will tell you the truth. Ask any representative of the interests—big city bankers, for instance, or presidents of great railroad or industrial corporation.

"The politician, if he is above peanut size, will tell you that he worries little about what the city papers say; but let even half a dozen country weeklies in his home state or district open on him, and he pulls down the lid of his desk at the state capital and takes the next train home to see what it is he has done to make the farmer sore.

"The Big Businessman, if he is big enough to be entitled to the designation, will tell you that his business is goid or bad depending on how the country people like the way it is run, and that what those country people are thinking he finds out by reading or having others read for him, what the country papers are saying.'

The Home-Town Newspaper is always ready to Cooperate in giving Service

GENERAL NEWS

New Brunswick will be selected as the training ground for the Boston Bruins Hockey Club prior to the 1933 N. H. L. season. About 40 players will go into the hunting camps some time around October 15.

Autumn sowing of all grains in Soviet Russia last year amounted to 95,400,000 acres, representing a decrease of 10.8 per cent from the official fall sowing programme mapped out by the government, according to a recent cable received by the Canadian Department of Trade and Commerce.

Week-end trips, so popular last year on Canadian Railway lines, will remain in force this year after February 29, the date set for their discontinuation. The Canadian Passenger Association has reached this decision under pressure of public demand. Under this arrangement, round trip tickets between any Canadian stations for any week-end are offered by the railways at the rate of one and a quarter times the regular single fare.

Two Alberta speed-skating records were smashed at the recent Banff Winter Sports Carnival. The 220 yards event was won by A. E. Hardy, of Saskatoon, in 20 seconds flat, 4-5 seconds better than the former Alberta record. The Three mile event was also taken by Hardy in 9 minutes and 2-5 seconds, being 23 and 3-5 seconds less than the former Alberta record. Miss Margaret J. Nicol, of Drumheller, was elected Carnival Queen and will reign over the Banff Winter Sports Carnival of 1933.

Travellers in Canada at Eastertide will have the benefit of the same ticket privileges as were granted them at Christmas, according to a recent announcement made by the Canadian Passenger Association on behalf of the Canadian Pacific and Canadian National Railways. This concession will be fare and a quarter for round trip generally to the travelling public, between Thursday, March 24 and Sunday, March 27 with return available up to Tuesday, March 29.

Fifty-seven 10-year leases of salmon and trout fishing rivers, lakes and streams in New Brunswick will be put up to public auction at the Parliament Building Fredericton, April 7 next, at upset prices ranging between $25 per annum and $12,000 per annum, is the announcement of Hon. L. P. D. Tilley, provincial Minister of Lands and Mines. They represent the pick of salmon fishing facilities on this side of the American continent.

At the close of a meeting of the directors of the Canadian Pacific held at Montreal, February 8, President E. W. Beatty announced that in order to help western farmers over the present period of depression the Company has offered to write-off interest on land contracts for the year 1931. This offer will be extended to the year 1932 on condition that the contract holder pays his taxes and one full installment on his contract this year. Further encouragement in the form of a bonus will be given to those who make payments on account of arrears of interest, the bonus to be in proportion to payment made. This should be of great assistance to contract holders on the Company's lands who have suffered through depressed markets or crop failures.

Indication of the contribution made and being made to civilization by the engineering profession was demonstrated at the 46th annual convention of the Engineering Institute of Canada held at the Royal York Hotel, Toronto, recently. A very wide variety of topics formed the basis of speeches and discussions at the convention at which the most outstanding men in the profession were present.

A little brown jug left Grand Pre, N.S., recently on a long journey south to the Land of Dixie. Unlike the brown jug of the old song, it did not contain ale, or anything likely to excite the U. S. Customs officials. Just water from the historic well of Evangeline at Grand Pre Memorial Park, site of the birthplace of Longfellow's heroine. The water will be used to christen the new 10,000 ton steamer "Acadia" to be operated on the run between New York and Yarmouth, N.S.

Ski-ing, the sport that has had the greatest growth of any winter activity in the past decade, reached its peak this year with thousands of skiers trekking out to the Laurentians, north of Montreal, every week-end. Special trains are put at their disposal by the Canadian Pacific Railway. Similar week-end outings are encouraged by this railway in all the great centres of population and it takes a major place at all sport meetings across the continent.

Temptation and conscience often have a debate; and temptation outtalks conscience.

Town Topics

Mrs. F. M. Kerby, who has been visiting her daughter, Mrs. Gurney Rnadell, in Trail, returned to her home in this city this week.

—o—

Herman Brunner, who has been employed at Bonnington Falls for some time, has returned to his home in this city.

—o—

About sixty men are now employed by the contractors on the hyrdo-electric plant and by the city on repair work on the dam.

—o—

It is reported that signs of spring will manifest themselves nexa week.

—o—

The water in the North Fork will be prohibited from running over the dam next week. This will allow the contractors of the hydro-electric plant to put in the foundation for the power house, and incidentally permit Smelter lake to accumulate a surplus of water.

The contractors of the power plant are making good progress on their work, and predictions are made that the plant will be ready for operation ahead of the specified time.

—o—

You can get too much of a good thing. Even the snow in the valley has ceased to be beautiful.

—o—

With Easter in the offing, the women of the city are concentrating their thoughts on new millinery. So we have been told.

—o—

The hotels of the city appear to ness. It is an indication that the trave be doing their usual amount of busi- eling public has not forgotten where Grand Forks is located.

—o—

Wood and coal for heating purposes are still essentials in this city.

—o—

The city editor had a few more bright and semi-bright paragraphs for this issue, but the foreman has stuck "30" on the copy-hook.

PEN POINTS

Cleopatra is said to have had red hair. That was as near to being a blond as was possible in Egypt.

—o—

Imaginary troubles fill the world—and no way to exercise them.

—o—

The average man's ambition is to lower his record.

—o—

Only place where a torn shirt doesn't matter is in camping out.

—o—

Hero worship is too often but another name for self-esteem.

—o—

Of the many human buds but few ever bloom successfully.

—o—

Vengeance is something you see repeated again and again in history. It is reasonably certain.

—o—

Because you know the real facts is not always a reason why you should butt in and spoil the talk.

—o—

Marriage may be a failure, but so's divorce.

—o—

The Grand Forks Sun never has been, nor will it ever be, the tool of an incompetent government for the sake of patronage.

—o—

The Gulf Islands Development company has been incorporated in Vancouver. One of its main objects is stated to be the breeding of pheesants, wild fowls and game birds, and to create a game reserve on the islands for the use of hunting and shooting parties. This is a new departure in enterprise of this kind.

—o—

Every article in The Grand Forks Sun is worth reading.

Good Hunting in Laurentians

This fine bull moose with 56½-inch spread of antlers was shot in Mount Tremblant Park, Laurentians, about 60 miles east of Mont Laurier, at the end of Canadian Pacific steel, by R. H. Vickers and A. C. Iler, Montreal hunters, recently. It came to the call of Gaston Prevost, well-known northern guide who is also fire ranger of the district. When shot, the animal fell into the Cypress River, its 1400-pounds of weight sinking it into the mud. The hunters were forced to improvise a raft of cut logs on which they towed the body to camp. Photographs show close-up of the moose and of the body being towed to camp, the heavily loaded canoe and a snap shot of a passage through shallows. The guide stated that in all his experience he had never seen moose so plentiful in the district.

It is the policy of The Grand Forks Sun to keep its readers informed on the progress being made in its immediate district and in the province of British Columbia.

—o—

But the concessions of the week are the concessions of fear.—Burke.

WARM COMPLIMENT

Betty was a plump young matron who realized that her fondness for gay colors must be restrained in her choice of street clothes, in order not to emphasize her bulk. Therefore she hailed the fashion of bright-colored "hostess pajamas" with enthusiasm, and invested in a bright red set. She waited with patience for her husband to come home that evening and comment on her looks. He walked in, took a look at her splendor, and remarked, with more candor than kindness, "Heavens, Betty, you look like a blazing barn!"

—o—

Men can grow tired of sin as they do of uprightness, until it gives them a kind of nausea.

VICTORIA.—The body of Joe Drinkwater, Alberni pioneer and dis-

A dispatch from New Brunswick states that a man had been seeh down there wearing a straw hat. It sounded funny, but a picture was snapped o a man wearing a straw hat on a Toronto street on January 8.

Then She Can Name the Day

Dinah—Is you made all yo' 'rangements foh yo' weddin'?

Mandy—Not quite. I'se got to buy a trooso, an' rent a house an' get my husband a job, an' get some regular washin' work to do. An' when them's done, Ah kin name the happy day.

HOLY TRINITY CHURCH

REV. W. J. SILVERWOOD
Rector

Phone 177

Holy Communion—
1st, 3rd, 4th and 5th Sundays at 8 a.m.
2nd Sundays in month at 11 a.m.
Morning Prayer and Sermon—
1st, 3rd, 4th and 5th Sundays at 11 a.m.
Sunday School—
at 10 a.m. until further notice.
Evening Prayer and Sermon—
at 7:30 except the last Sunday in each month when Evening Service is held in the Parish of Kettle Valley.

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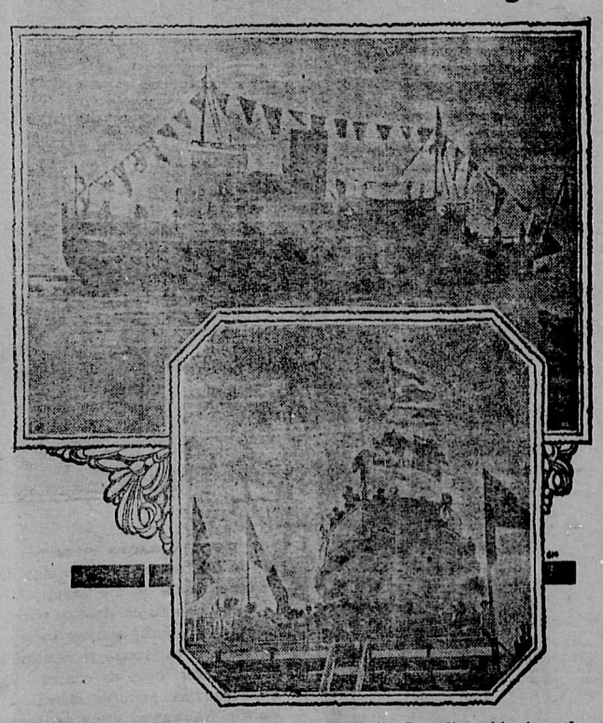

The first electrically-driven tug to be built in Canada was launched at Lauzon, Que., recently, when the "Prescotont", Diesel-electric tug for the Canadian Pacific Car and Passenger Transfer Company's service between Prescott, Ont., and Ogdensburg, N.Y., slipped gracefully into the waters of the St. Lawrence after the traditional bottle of champagne had been broken across her bows by Mrs. Duff, wife of M. McD. Duff, manager of the Canadian Pacific Great Lakes Steamship Service. As a pioneer feature in Canadian shipping, the Diesel-electric engines with which the new vessel is equipped, are of special interest to marine engineers. Each of 500 H.P., they are directly connected to twin generators capable of delivering 330 kilowatts, each at 250 volts, when operated at 245 revolutions per minute.

In operation, a car barge with three tracks for 16 hundred-ton cars, will be lashed to the starboard counter of the tug which it will be possible to control either from its own wheel-house or from the bridge of the car barge.

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Our Darwin tulips with extra long stems are remarkable for their long flowering period. Enormously large flowers on strong stems of about three feet in length. Magnificent for beds, edges and for cultivation in pots.

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Best Sellers

Dr. William Lyon Phelps of Yale looked up from his literary review with a laugh of disgust.

"It says here," he said, "that an eight-year-old girl has written a best seller."

Dr. Phelps laughed more disgustedly still.

"Most best sellers," he said, "read as if they were written by two-year olds."

Steak

When serving a broiled steak, serve creamed potatoes and a crisp, fried vegetable such as egg plant.

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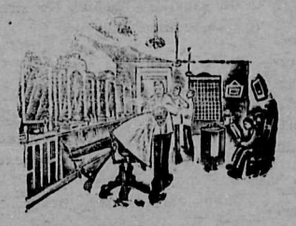

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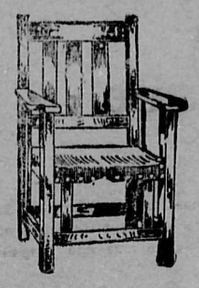
AND PICTURE FRAMING



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Auntie—Sap, Willie, sometimes I don't believe you know on which side your bread is buttered.

Willie—Yeah; sometimes I don't when you butter it, auntie.

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SOIL SURVEY MAPS

Maps of the soil survey made last season by a special committee in Okanagan, Creston and Salmon Arm are now complete and copies are being made for distribution among the residents of these districts. They should prove useful as guides in the selection of soils particularly suited for the production of different classes of fruit trees or produce, and will also indicate what lands are best fitted for irrigation.