

DISCOVERING CANADA



One of the interesting, if inevitable, results of the great war is the way in which it has diverted the course of summer travel. Formerly, when Mr. and Mrs. Upper Ten of Halifax or Toronto wished to arrange their holiday itinerary, there was positively only one place to go—Europe.



Now things have changed. Mr. and Mrs. Upper Ten must go somewhere for a summer vacation, and so they have discovered Canada. They have found to their immense surprise, that Canada has the most gorgeous scenery in the world, that nothing in any of the older countries can compare with our wonderful Rocky Mountains, and that nowhere is there a more exquisite pastoral landscape than in Ontario, or in the British Columbia valleys.

Even the prairies, despoiled and rejected by descriptive writers, have an infinite charm to the real Westerner. "Monotonous?" he says, in genuine surprise, "monotonous? Never! I'd sooner motor over a prairie trail than take the finest macadamized lakeshore drive in the world. That's monotony, if you like. Nothing but smooth pavements, conventional boulevards and formal city houses with their neat little gardens."

(1) Lake Louise in the Clouds. (2) Banff Springs Hotel.

RAISE PIGS PROFITABLY

Mustard Can Be Controlled by Spraying.

Spray Should Be Applied on Calm, Clear Day as Soon as First Few Mustard Plants Show Flowers.

(Contributed by Ontario Department of Agriculture, Toronto.)

ANIMALS, no matter what kind, always put on weight the most cheaply when they are young and the younger they are the cheaper the gains. As a consequence of this it is essential that the man raising young stock realize this and give a reasonable amount of attention to the young animals he is rearing. A few days before farrowing the sow should be brought into the pen so that she may become accustomed to her surroundings. A close watch should be kept on her during these days in order to ward off constipation, which is the bug-bear of a great many swine breeders. Once this condition occurs very little can be done, so it is a matter of prevention rather than cure.

At the time of farrowing the sow should be left alone but the attendant should be keeping a watch on her to see that no trouble arises. After farrowing the sow should not be disturbed for ten to twelve hours and her first feed should be little more than a drink of water with a little middlings in it. After this the ration may be increased to full feed, taking eight to ten days to do so. When the young pigs are weaned the ration should be cut down to stop the secretion of milk and, if it is necessary, turn the sow in with the young pigs once a day for a few days. If, when the pigs are born, they are weak and strong and vigorous they should be left alone for a while and as soon as the right time arrives they should be placed to the teat to suck as soon as possible.

If the pigs are vigorous and healthy, nothing special need be done for them until they are two or three weeks old, by which time they should have learned to eat a little bit of pickling around their mother's trough. At this time, if it is convenient, a small trough, away from the large trough, should be provided, and the youngsters should be given skim milk with a little middlings stirred into it. As the pigs grow older more middlings may be stirred into the milk.

Outdoor exercise is very important for young pigs and very means should be used to induce the young pigs to take it, but precautions must be taken to protect the youngsters from cold winds and the hot sun. If the pig is turned out with the pigs she should not be given too much range at first unless the little fellows become unduly tired as a result of travelling too far.

Bear pigs not intended for breeding purposes should be castrated before weaning to get the best results, though there is not much danger in castrating at a later date provided care is observed in connection with the operation. Clean hands and instruments and disinfectant on the wound will overcome all danger of infection.—J. McLeath, B.S.A., O. A. College, Guelph.

Spraying With Iron Sulphate to Prevent Mustard From Seeding. Iron sulphate or copperas can be successfully used to prevent Mustard from seeding in standing grain without injury to the crop.

Preparation of Solution.—A 20 per cent solution should be applied. This can be prepared by dissolving 80 lbs. of iron sulphate in 40 gallons of water. Iron sulphate is dissolved quite readily in cold water. The solution should be strained through a cheese cloth, as it is put into the spray pump tank. This will remove dirt and small particles that are apt to clog the nozzles.

Time to Apply.—Apply on a calm, clear day just as soon as the first few plants in the fields show flowers. It is very important to spray early. If the plants are left too long the treatment is not nearly so effective. If a heavy rain comes within 24 hours after the solution is applied, it will be necessary to spray again.

How to Apply the Solution.—An ordinary hand-pump sprayer, such as is employed to spray fruit trees may be used, or a potato sprayer can be rigged up to do the work. Many of the up-to-date potato sprayers have a special broadcast attachment for spraying weeds. These are excellent for large areas, as they cover a wide strip at each round. Care must be taken to see that every mustard plant is covered with the solution in the form of a fine spray.

Iron sulphate may be obtained at any hardware store or from the Nichols Chemical Co., Toronto. In wholesale lots it is better purchased from this company, who can supply it much cheaper in large quantities than it can be purchased at local hardware stores.—Prof. J. E. Howitt, O. A. College, Guelph.

Selling Cream Pays. Selling whole milk robs the young things on the farm of the farmer's own children, of needed milk supply, hence many farmers are content with less ready cash secured by selling cream in order to have better and more live-stock, and consequently richer soil, which, after all, is the basis of good farming.—Prof. H. H. Dean, O. A. College, Guelph.

LETTERS TO THE EDITOR

Solidarity of Citizenship. Victoria, B.C., May 30.—(To the Editor): The "One Big Union" not of labor ranks only, but of the whole citizenship of Canada, male and female, is the only measure that can save the country from social, industrial and financial disaster due to a further continuance of unbalanced conditions and conflict of interests.

Soldier or civilian, employer or employee, capitalist or laborer, the inequalities, injustice and suffering of the past and present, notwithstanding, our lives and interests, as one of our families, are bound up in and determined by, the measure of unity or division, the solidarity or instability of our citizenship. Absence of the former is wholly responsible for the conditions that have brought Canada to the present impasse.

We are faced with a choice of: A. A continuation of instability and increasing unrest, wherein part of the population, without national direction, is producing a portion only of the necessities of life and doing such other services as carries us along in a slipshod existence, in order that the more fortunate may lead a demoralizing life of idle, wasteful luxury, until such conditions end in early and inevitable revolution.

B. Solidarity of citizenship and national interests, the adoption, acceptance and enforcement of a safe and sane middle-class democracy, based upon a fifty-fifty of national service and of leisure and pleasure for all; of nationally directed production upon a self-supporting basis, and the stabilizing of remuneration for services with the cost of living and of value with the cost of living and of vice of exchange, based upon the time-cost of production and distribution, whereby a permanent balance may be established.

We have great problems to solve, grave injustices to redress, wrongs to right, but we can never raise Canada to the coming "world standard" by hanging on to one another's throats or by rough-house methods of any description. A united people, a true democracy, does not tolerate an autocracy of labor or of returned soldiers, or of any other form of despotic, factional or party-political control, any more than it or labor is tolerant of any autocracy of capital.

The solution depends upon combined common-sense and determined action, through constitutional methods and by peaceful means. Time is pregnant with catastrophe, so let us lose no time in burying the dead past under a nation-wide organization of "Solidarity of Citizenship" and in raising the new standard of democracy.

Can we look to the public press of Canada to give a whole-hearted advocacy and voluntary assistance to such a movement? Can we look to existing organizations and societies of democratic tendencies to drop factional efforts and take a leading part in the consolidating of the forces of citizenship? Can we look to those who have had four years' supreme experience in the practical mobilization and direction of forces, to take a leading part in the mobilization of citizenship and the orderly direction of the advance movement?

Above all, can we look, without fear or disappointment, to all who are actively or passively connected with industry, agriculture, trade or commerce, to keep the wheels turning, and to ameliorate, as far as possible, all causes for dissatisfaction, in order to expedite the inauguration of the new system, and avert further unnecessary suffering, waste and national loss meanwhile?

There are many, including the writer, who, without remuneration, are ready to devote their services and means to the work of organization and reconstruction, but we must look to the men and women of the younger generation, who will constitute the brains and sinew of the "New Canada," to carry the standard.

As a practical start toward general organization I am submitting these suggestions to as many newspapers throughout Canada as possible, inviting each community, town or city to form its own preliminary "Solidarity of Citizenship," and from these evolve a Provincial Committee, representative of all interests, in numbers proportional to population on the basis of one for each fifty thousand.

These committees to meet at Ottawa as a provisional parliament (without interference government) and draft the general principles which would form the basis of a new constitution, for submission to a general vote of the whole population of voting age, for acceptance or rejection. If rejected to be re-drafted until accepted by a two-thirds majority. Immediately thereafter the Dominion election would be in order, and it would devolve upon the elected to put the new constitution in form of practical procedure and enforce it. It would then be in order for the Provincial Governments, to be, without delay, brought in harmony with the Dominion.

SMILES



A REAL AMBITION "I'm ambitious!" "I should say so. He says he'll never be content until he can drive a golf ball 200 yards every time."



GETTING TIRED He—What we want now is reconstruction. She—I don't know, replied the weary little woman. I'm getting kind o' tired o' making over my last year's clothes.



A TALL BIRD Miss Duck—Yes, I certainly do admire tall men.

Arthur and Willie Spencer, Toronto cyclists, have been barred from competition at the Newark, N.Y., drone because of attacks on Champion Frank Kramer.



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New Giant C.P.R. Locomotive



Ten of the largest locomotives ever built for use on Canadian railways have been under construction for some time at the C.P.R. Angus Shops in Montreal, and one of these, No. 3462, was inspected the other day by President E. W. Beatty, and Vice-President Grant Hall. These locomotives are of the heavy Mikado type and are intended for freight service, being designed and built under the direct supervision of Mr. W. H. Winterford, the Chief Mechanical Engineer. The weight of the engine and tender in working condition is 500,000 lbs., the engine alone weighing 325,000 lbs. The diameter of the driving wheels is 63 inches. The cylinders are 25 1/2 inches in diameter by 32-inch stroke, which with 280-lb. boiler pressure makes these locomotives capable of exerting a maximum tractive effort of 38,000 lbs. The diameter of the boiler is 80 inches at the front end and 90 inches at the back end. The fire box is 84 inches wide and 120 inches long, and the grates are moved by steam grate shakers. The cab is of the vestibule type, which is the C.P.R. standard, and every effort has been made to make the accommodations for the engine-men as comfortable as possible. One side of the cab is fitted with a clothes locker 14 inches by 20 inches wide, in which clothes can be hung and lunch pails carried. The tender has a capacity for 12 tons of coal and 2,000 imperial gallons of water.

President E. W. Beatty and Vice-President Grant Hall, of the C. P. R. snapped after inspecting the new engine.

A pleasant event took place on May 28th, when Miss Ota May Ostrander, eldest daughter of Mr. and Mrs. Walter Ostrander, Milford, was united in marriage to Wilfrid Ostrander son of Mr. and Mrs. W. J.

Ostrander. The ceremony was performed by Rev. Mr. Bunt at the parsonage at Milford. Mr. and Mrs. George A. Yeoman and family have returned to Picton to reside after over a year's rest.

done in Toronto. Mr. Yeoman has accepted his old position back again with the Beverly McDonald Co. The shortest road to a sale of that real estate is through the classified.

A unanimous call came from the congregation of Knox church, Colwyn, to Rev. T. A. Rodgers, Sydney, Cape Breton, and the call will be forwarded immediately to the presbytery of Sydney.