

NEWSY FARM NOTES

By Agricola

WELL'S DISEASE IN RATS

This disease has had attention drawn to it from the fact that one fatal case and two recovered cases have this year been treated in the General Hospital at Toronto. It is an acute infectious febrile disease resembling typhoid fever, accompanied by muscular pains, great disturbance of the digestive organs, and jaundice-like symptoms. The causative organism is a bacterium called Leptospira icterohaemorrhagiae and as all the patients were packing-house employees, the infection was traced to the slaughter house rats.

Since the discovery of the organism, which is harbored in the urogenital canal and kidneys of the rat, its recovery from patients afflicted with Well's disease in other countries indicate that it is virtually ubiquitous.

Guinea-pigs, inoculated with a preparation made from the crushed kidneys of rats, developed jaundice and lethargy; fever was also present, but its intensity and durability were so variable as to make it an unreliable criterion. After death there was found to be widespread capillary haemorrhage and a jaundiced appearance of the tissue.

Out of 78 rats captured in Toronto for purposes of experiment 37 per cent were carriers of the Leptospira germ, and thus another menace arises from the presence of these animals.

The circumstances under which man is attacked, do not appear to be exactly known, but it is significant that cultures placed on the seemingly unbraided skin of guinea pigs effectively reproduced the disease.

COOLNESS OF SPRING WATER

During the recent spell of hot weather, when the thermometer recorded 78 degrees F. in the shade, curiosity led me to place a dairy thermometer in a never-failing spring "back in the field." To my surprise it registered 42 degrees F. only 10 degrees above freezing! The temperature of the spring probably does not alter much in the course of the year, since it does not freeze even in the coldest weather.

AUTUMN CARE OF STOCK

On taking up a magazine the other day I was greatly interested in an article, with the above heading, from the pen of Prof. J. A. Clark. It was pointed out that the owners of stock often allow their animals to receive a serious set back before stabling them for the winter, and this is due to two causes: first the deterioration in the quality of the pastures as the summer advances, and secondly, the want of adequate shelter in the autumn.

Cattle rapidly make gains on the rich grass of the early season, but when the pastures get dry and bare they as rapidly fall away. The pasturage is supplemented by the careful owner who supplies green feed, corn and sunflowers as soiling crops, but there are still too many farmers who do not provide these supplementary feeds.

PEERLESS FOX NETTING



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Your Foxes are the most profitable investment that you have. Are you going to lose them, by using any other Netting than Peerless? "Certainly not." "Why?" "Because," you see at once knowing that the best "QUALITY NETTING" is protecting your Foxes. This netting is GALVANIZED before and after being woven. Hangs flat without sagging or sagging and makes a perfect fence. Can be erected by an "AMATEUR." SPECIALLY MADE FOR US. OUR PRICES ARE THE BEST ON THE ISLAND.

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As to shelter, the clump of trees which shades from the heat of summer is inadequate to protect cattle from the driving rain or cold storms of autumn, and the animals must draw upon their reserve supply of fat to keep up their body heat, and so they fall off in flesh.

Cattle then, should be protected from rainstorms and heavy winds and not allowed to lie out on water-soaked ground, or ground covered with hoar frost. Their general hardiness is no argument against making them comfortable, but it is only when the farmer realizes the loss that follows from neglect of these simple rules, that any improvement in the autumn care of stock may be looked for.

Crop Report

Below will be found a brief synopsis of telegraphic reports received at the Head Office of the Bank of Montreal received from its Branches. The Branch Managers have complete and intimate knowledge of each local situation and are in close touch with crop conditions in all sections of the districts mentioned.

GENERAL

Throughout the Prairie Provinces a continuance of hot dry weather has caused further damage to crops and rain is urgently needed. Wheat, on summer fallow and new breaking has withstood the drought conditions comparatively well, but on other land is poor. Coarse grains are very short. In Quebec crop prospects continue very promising although in most districts rain is now required. In Ontario light rains have benefited all crops. In the Maritime Provinces, while the hay crop is below average, other crops, particularly apples, promise well. In British Columbia rain is needed in many districts, but crops are not suffering seriously as yet. Details follow:—

PRAIRIE PROVINCES

ALBERTA WESTERN AREA. Fair crops are expected in the North but in the centre of area a small yield of wheat is expected only on summer fallow and breaking, with coarse grains mostly a failure. In the Southern Area a moderate crop is expected. Hay on irrigated land and the sugar beet crop are satisfactory. ALBERTA NORTHEASTERN AREA. Except for low yields of wheat from summer fallow and breaking crops are generally failures and a feed shortage in some districts is becoming acute. ALBERTA SOUTHEASTERN AREA. A light yield of wheat is expected from summer fallow and breaking. Other wheat crops and coarse grains are practically a failure. SASKATCHEWAN NORTHERN AREA. Dry hot weather has consumed moisture. Reserve crops are holding out fairly well. In most districts prospects are somewhat below average. SASKATCHEWAN SOUTHERN AREA. Rain is needed urgently. Crops on summer fallow and new breaking are filling fairly satisfactorily but the yield on this land will be well below average and the yield from other crops will be very light. MANITOBA Grain on summer fallow has withstood adverse conditions well and is fair length, but other crops are short. Rain is urgently needed. Prospects are now for about 50% of normal wheat yield. Some barley is being cut and harvesting of wheat will be commenced in a week or ten days.

PROVINCE OF QUEBEC

Haying in the Eastern Townships is about completed and a large crop of good quality is assured. The northern and lower St. Lawrence districts, report satisfactory progress with a good crop in sight. Oats are heading out with a fair stand of straw. Prospects are for an average yield. Other grains are promising but rain is required generally. Potato and other root crops look well but in some sections lack moisture. Pasturage, except in light soil, continues in good condition. Orchards promise an average yield. Small fruits are plentiful.

PROVINCE OF ONTARIO

A good average crop of fall wheat is being harvested and the grain is a good sample. While spring wheat, oats and barley, have shown improvement the straw is short and the yield will be below average. Corn continues to improve. Apples are a good crop and grapes promise an average yield. Grass pastures still require moisture. Tobacco is growing very fast and topping is general. An average crop is promised.

MARITIME PROVINCES

Growing conditions are generally good. Potatoes are growing rapidly and a good yield is expected. Pastur-

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age is fair to good but requires rain in some section. The harvesting of a somewhat less than average hay crop is well under way. Apples in the Annapolis Valley continue to make excellent progress.

PROVINCE OF BRITISH COLUMBIA

Potatoes are doing well and the shipments are going forward. Tomatoes, though three weeks late, are now coming on well. Cherries yield about 90% of an average crop. Apricots and peaches are being picked under excellent conditions. Apples are in good condition and it is estimated the crop will be 90% of an average. Peaches, plums, prunes and apricots 80% pears 90%. hops 100%; pasturage while ample for the present, requires rain to ensure sufficient feed later on. Grain crops are doing well.

Keep Roguing The Seed Plot

(J. G. Carl Fraser, Central Experimental Farm, Ottawa, Ont.)

No good seed grower can grow seed grain without working over his field and seed plots, to remove the impurities or "rogues" which he may find in the growing grain. This removing of impurities is called "roguing."

At the present time, it is practically an impossibility to grow pure seed grain without carefully and painstakingly going over every foot of the area set aside for seed, and picking out the odd bearded heads from the bald main crop. Even where the seed crop is very good and no really outstanding impurities can be noticed, the careful grower goes over the plot to remove the plants which are not quite up to the high standard set for good seed.

The easiest way to rogue a seed plot plot is to walk down the seven inch path between the drills, and carefully scrutinize all the heads which become visible in each of the three or four drills on each side of the path being followed. By walking slowly, and carefully, and noting the heads in the six or seven rows as you pass along, all impurities or abnormalities can be quickly detected, and the off-type plants can then be pulled up by the roots. If the plot is particularly bad, turn about and come back on the same row, and in this way a number of off heads may be found on the return trip.

At seeding time the seeder is often run back on the wheel mark which leaves a fourteen inch path down, which is easy to travel at all times for roguing purposes. However, if the fields are dirty with weeds, it is often a bad practice to leave such a place to harbour and produce weeds.

By carefully going over the seed plot after the plants have fully headed, and once again just before the grain ripens, most of the impurities can be easily spotted and removed before harvest.

The seed plots which are thus carefully "rogued" in the manner explained above will contain only pure seed, and subsequent crops should be purer and cause less trouble at harvest time than the old, uncared for seed supply.

Dead-Sea Potash

For thirty thousand years the Jordan has been pouring into the Dead Sea riches that outdazzle those of a South African diamond mine. Twelve hundred billion dollars' worth of potash, bromides and chlorides have been deposited in the sea—wealth easily reclaimable by evaporation and other simple means. Chemical literature virtually ignored them. Some linking of the watery wealth reached General Allenby soon after he captured Jerusalem. Major T. G. Tulloch, a competent engineer, was ordered to make a chemical survey of the Dead Sea with the result that Palestine was revealed as a potential El Dorado.

Now comes the news that the Senior Crown Agent for the Colonies has signed a seventy-five-year concession on behalf of Palestine and Trans-Jordan, one of the concessionaires being Major Tulloch and the other a Russian mining engineer, M. A. Novomeysky, both representing a company which, at one time at least, had American technical and financial support. At least 10,000 tons of potash must be annually extracted between the eighth and tenth years of ex-



The Road they travel only once

YESTERDAY... the tiny mite whom Mother rocked to sleep.

Today... the brave young man setting out for his first experience on his new tricycle.

Tomorrow... quarterback on the high school rugby team.

Just once is your baby a baby. All too short is this treasured period in your child's life. All too short are the days when he comes running home to you from school... happy, full-of-life, hungry.

The road they travel only once! You never want to forget the happiness it gave you... or the numberless joyful little incidents which brought this happiness. And if you have taken plenty of Kodak pictures of these happy days you won't forget... ever.

If you haven't taken enough Kodak pictures of your children it's not too late to start now. Begin today. If you need a camera, pay a visit to your nearest Kodak dealer's. He has a whole host of models to show you. He has Brownie Cameras... well-known cameras which take really excellent pictures... priced as low as \$2.25. And Kodaks from \$5 up.

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Predicts Great Influx Of Canadians

MONCTON, N. B., Aug. 6.—The people of the Bahamas, British West Indies, anticipate a greater influx of Canadians this winter, particularly from the Maritime Provinces, said Major Hugh M. Bell, agent for the development board of the Bahamas, on his arrival in Moncton today. Major Bell is visiting the Maritimes for the purpose of better acquainting these provinces with the attractions of the Bahamas for Canadians as a winter resort. He will speak in Halifax, St. John, Moncton and Charlottetown.

While in Moncton today Major Bell interviewed M. F. Tompkins, traffic manager, Can. Nat. Railways, with regard to trade conditions, particularly tourist traffic between Canada and the Bahamas. Speaking with regard to the new vessels of the Canadian National Steamships, Major Bell said: "They are in the opinion of Bahamians the finest ships on the West Indies trade and their appointments are greatly in advance of anything hitherto enjoyed." He went on to say, "The slogan of tourists, follow the flag, is a good one for Canadians seeking a respite from winter and the facilities of Nassau and the Bahamas in sport combined with fine hotels and the most equitable climate in the world never below fifty five degrees in winter, make it one of premier attractions.

TO COMPETE FOR WILLINGDON CUP

TORONTO, Ont., Aug. 5.—With entries closed this week, it is now definitely established that more than 100 amateurs will seek the golfing

Canadian Exodus To U. S. Increased

MONTREAL, Aug. 3.—More residents of Canada emigrated to the United States during the fiscal year ending June 30, 1929, than in the previous year, and about 80 per cent of them were Canadian citizens. H. R. Landis, commissioner of immigration for the United States, declared yesterday in giving out the annual figures for the department. They cover movements over the frontier between Eastport, Maine and Cape Vincent, New York, known as the District of Montreal.

This year there were 37,038 applications filed by Canadian residents, and 33,094 were admitted for permanent residence in the United States; and in the previous year, 33,094 made application, and a proportionate number of these were admitted. Reports from Quebec, St. John, N. B., and Halifax, N. S., showed that 7,681 immigrants applied for permission to enter and only 13 were refused. "And these were refused because they carried fraudulent papers," Mr. Landis explained.

Canada shipped 3,000,000 bushels of potatoes to the United States last year.

Advertisement for Minard's Liniment, featuring a logo and text: "Sprains Use Minard's immediately. It soothes the pain and draws out the inflammation. MINARD'S LINIMENT"

Advertisement for Westinghouse radio: "Hitch your Radio to the New Star the UX 201-C RADIOTRON Powerful, Durable Economical—uses only 1/2 amp. Saves 75% of Battery recharging PRICE \$2.10 Westinghouse"

Advertisement for Rogers Hardware Company: "THE ROGERS HARDWARE COMPANY, LIMITED. Distributors. ISLAND RADIO CO. 143 Great George Street Westinghouse Radiotrons Distributors Sold by J. A. GESNER, Great George Street, Tire and Radio Shop"

At the spring of the year and a mother and her little four-year-old son were in the garden planting corn. "What's that you're planting, Mother?" "Corn, Sonny—squaw corn." "Sonny (with wide-open eyes): 'And will little Indians come up, Mother?'"

Advertisement for Carter & Co. Limited: "FEEDS FEEDS for HORSES, CATTLE, SWINE, POULTRY, FOXES, RABBITS &c. BRAN, SHORTS, WHITE MIDDINGS, CRACKED CORN, FEED CORNMEAL, OIL CAKE MEAL, SCHUMACKER FEED, CRACKED GRAIN, OATMEAL, ROLLED OATS, TABLE CORNFAL, FEED OATS, (black and white), PRESSED HAY and STRAW. HEADQUARTERS for BLATCHFORD'S FEEDS and POULTRY SUPPLIES. MEAL and RABBIT MEAL. FOX BISCUITS, PUPPY WHOLESALE and RETAIL. CARTER & CO. LIMITED Feed and Seed Store Queen Street."

Advertisement for G. F. Hutcheson: "Insidious Eye Strain We use this adjective advisedly. Sufferers from Eye Strain may have perfect vision and therefore do not suspect the presence of any evil defect. The motive power of the entire human organism is Nerve Energy. Normal eyes, it is computed utilize about 30% of this Nerve Energy, but when Eye Strain is present, a much larger proportion is required; Hence defective eyes through their consumption of an excessive amount of Nerve Energy may seriously affect the functioning of other organs of the body and produce ill health. HAVE YOUR EYES EXAMINED G. F. Hutcheson OPTOMETRIST"