

FOR FARMERS, STOCK BREEDERS AND GARDENERS

Treatment For Sun Scald In Pigs

(Experimental Farms Note)

Every year in many sections of Canada sunscald or blistering of the skin of pigs causes heavy losses to swine raisers. The affected pigs suffer severe pain and quickly become unthrifty and growth is retarded. As a result of the lowering of vitality the pigs are much more susceptible to attacks by parasites and contagious diseases. Sunscalded pigs are very slow to finish and require many more pounds of meal for a pound of gain, and are often fed at a loss.

Many litters are scalded at weaning time and the little pigs should be left in the sun for only short periods until their skin becomes hardened. Young growing pigs are frequently sunscalded if turned into alfalfa or rape pasture wet with rain or dew during hot weather. Yorkshire pigs, being white, are more susceptible to sunscald than work of red or black breeds, but pigs of all breeds will suffer if too much exposed, or if in an unthrifty condition. The best preventives are to expose the little pigs gradually to the sun, and to keep a thrifty rapidly growing condition. Provision of shelter so that the pigs may rest in the shade in the heat of the day tends to minimize the trouble. The all year hog cabin, which is also valuable as a winter shelter, or a raised framework of boughs covered with sods or straw will provide the necessary shelter from the sun.

Experience at the Dominion Experimental Station, Lacombe, Alberta, indicates that pigs suffering from "sun-scalding" or "blistering" due to outdoor conditions may be successfully treated by applying a mixture made up of two pounds of sulphur, eight ounces of oil of tar and one gallon of raw linseed oil. The mixture is heated and applied quite warm to the pigs' backs, shoulders and sides by means of a stiff brush or broom. One application will usually show marked results, but more may be necessary. In summer, exposure to the hot sun immediately after oiling will often result in further blistering and two to three days should elapse before the treated hogs are again turned out to pasture. Used tractor and automobile oil have been used to advantage as a curative treatment for sunscald but these have not proven to be as effective in the control of this condition as has the above mentioned mixture.

Japan's silk industry is demanding additional government loans.

Timely Hints on Poultry Disease

The Pathological Division of the Health of Animals Branch of the Department of Agriculture, Ottawa, has just made available for distribution Bulletin 198, N. S., "Internal Parasites of Poultry," which embodies the latest results of research work in connection with poultry parasites.

A review of this bulletin discloses the following items of special interest:

Young birds suffer the most from parasites. Keep them away from adult birds, and on ground that has not been used by poultry for at least one year.

Don't overstock. This concentrates the parasites in a given area and increases the chances of infection.

Do not keep chickens and turkeys on the same ground. Turkeys carry gape worms to chickens, and fowls carry the organisms of blackhead to turkeys in caecal worms or their eggs.

Infection by coccidia, roundworms or tapeworms is contracted through the mouth.

Eggs of worms are infective after they reach a certain stage of development; with tapeworms this requires that they be eaten by poultry. Slugs, snails, beetles or flies, which are eaten by poultry, may also be infected and produce one worm, but one coccidium gives rise to an enormous number of coccidia.

Coccidia develop to the infective stage very rapidly. Prompt disposal of infected droppings is the secret of success in outbreaks of coccidiosis.

Keep poultry manure covered, and the yards clear of trash or piles of weeds, straw, or manure that might serve as the breeding place for flies or beetles.

Keep the yards dry. Fill the water holes. Fix leaky taps. Dryness is unfavorable for the development of worm eggs and coccidia.

Prevention is better than cure. A system of rotation whereby the same ground is not used for poultry the second time until the fourth year, will reduce losses from parasites to a minimum.

Two prize pigs were carried from farm to farm in England recently.

All About Gillingwater

Taken from the May issue of *Fragment*, the official organ of the Amputation Association of Canada, the following resume of Mr. Fred Gillingwater, of Stellarton, should prove of great interest to Country people in general, and to Legion men in particular:

"Ex-Lieut. Fred C. Gillingwater, President, N. S., and P. E. I., Branches, 42nd Battalion, Royal Highlanders of Canada, was born at London, England, on the 28th Sept. 1878, served with Norfolk Regiment, British Army, from January 1896, to June 1908, eight years and 184 days of which he saw service in India and South Africa. Leaving the British Army as a staff sergeant, he proceeded to Truro, N. S., to enter business with his brother, Lieut. P. R. Gillingwater, 4th Canadian Battalion, C. E. F.

Volunteered for service with the 78th Pictou Highlanders (17th Reserve Battalion, C. E. F.) on the 5th August, 1914; promoted colour-sergeant and acted as drill instructor; joined composite reinforcements for immediate overseas service 1915, reverting to private. Promoted sergeant, C. Q. M. S. C. S. M. Regimental Sergeant-Major and awarded commission as Lieutenant in the 42nd Battalion, R. H. C. Nov. 1916.

Joined the Toronto Branch Amputation Association of the Great War, 1925. Unanimously elected President of the Nova Scotia and Prince Edward Island Branch of the Amputation Association of the Great War in 1930. Unanimously re-elected in 1931-32.

Severely wounded whilst leading a raiding party at Vimy Ridge, 12th Feb. 1917. Loss of left leg, severely wounded in left thigh, left arm and shoulder; also right arm. Mentioned in despatches. W. O. Letter 20-10-16, awarded Military Cross, London Gazette, No. 30032, 17-4-1917.

Up to two months ago he was in charge of electric mine lamps and time-keeper at Allan Shaft Collieries, Stellarton, N. S. Irrespective of his very severe handicap, he is able to carry on ever since his discharge from the service in April, 1918.

Is at present the Canadian Legation, B. E. S. L. and Secy., branch No. 28, Canadian Legation, B. E. S. L. Has been in office with the Great War Veterans or the Canadian Legation, B. E. S. L., continuously from 1918 to date.

Comrade Fred C. Gillingwater is at present and has been for the past two months unemployed and would accept any clerical position that would not entail a lot of walking as his left side is practically paralyzed. An accountant by profession."

NEWSY NOTES

BY AGRICOLA

THE WELSH EISTEDDOD

Gallant little Wales is busy these days preparing for her great national assembly known as the Eisteddod—which you as a Saesneg must learn to pronounce as eye-steth-vod, with the accent on the second syllable, and the "o" long. The programme laid down for this year's gathering at Port Talbot, in the first week in "Awt," is a most comprehensive one. The handicrafts section reminds one of our Exhibition but there is more variety and the prizes are greater. A group of sculptured figures, 18 inches high will win a prize of \$150; a set of models to illustrate the binding of a book gets \$25; and the best portrait in oils nets \$150. Domestic craft generally such as quilting, knitting, lace-making, etc., are rewarded with prizes of 21 shillings for each article. There are separate classes for those below 18 years of age, below 15, below 12, and below 8; the latter for the encouragement of the primary school classes. But the gathering is nothing of an exhibition in that it differs from an agricultural, nor even a horticultural, character comes into the scheme.

But whereas music with us is not a strong point in our gatherings—more the pity—the Welsh festival is and always has been pre-eminently of an assembly of musicians, singers and orators: to give them the old names they were minstrels and bards. Right from the time of the Druids, before the Romans conquered Britain, the bards have, by their oratory, kept alive the national spirit of their country. "That spirit, I am told, is today stronger than ever, and seeks a more modern home. Like the De Valera variety inasmuch as the Welsh are very proud of their "tywysog"—the Prince of Wales.

The Welsh are noted for their choral singing. The chief choral competition is for choirs of 150 to 200 voices, in three parts: tenors, baritone, and bass. The prizes are \$1,000 for the first prize, \$500 for the second, and \$250 for the third. The second choral competition is for smaller choirs (75 to 100 voices) and the tests are (a) a chorus from Handel's "Acis and Galatea" and (b) "Cwsg. Fy Anwydyd" by a Welsh composer, J. H. Roberts: the prizes are \$250 and \$50.

Nor are the small churches or chapels forgotten: the test for the small choir is (a) an Anthem in Welsh; (b) "Saindon" Ddwyl, Psalm 119, 1-16, (Psalm-tune double (Hymn-tune) "Myfanwy" by D. Alan Thomas. The prizes are \$100 and \$25. The foregoing tests have been given almost in extenso in order that my readers may get a clear idea of the difficulties involved, and the rewards given.

There are vocal competitions for male and female voices: solos, duets, quartets, or sopranos, mezzo-sopranos. Contraltos, Tenors, Baritone and Basses. The children's section is very interesting. The "Juvenile Choral" not more than 60 in number nor over 16 years of age will sing (a) "Mendelssohn's"—"Ye spotted snakes" and (b) a Welsh chorus. The fortunate choir will benefit to the tune of \$100, \$35 and \$15. Altogether the vocal competitions number thirty-six.

The instrumental music is as varied. In the Orchestral Competition the musicians must perform Op. 26, Mendelssohn, and will draw prizes (1) \$200, (2) \$100 and (3) \$50.

There are solo competitions for all the separate orchestral instruments and Brass Band sections with heavy prizes.

In the composition section—which is one of the most important in the series—extract one test which will help to show why the Welsh are noted for their national music: "No. 153. To Harmonize at the time a Given Melody of 20 to 30 Bars, without the aid of an Instrument. Confined to Competitors under 18 years of age. Some test for an immature musician! And the lucky lad gets only \$10.

The literary side of the Eisteddod is represented by original fiction and poetry, translations between Welsh and English, and recitations in both languages. No. 69 is an English recitation, "The Rider at the Gate" by kind permission of Mr. John Masfield: a piece which I have read several times, and regret that want of space forbids its reproduction.

Altogether there are 300 separate competitions, and all the prize money is found by private citizens or Societies. The highest amount, given by a private citizen, Capt. A. M. Talbot Fletcher, of Margam Castle is 500 pounds, or \$2,500. There appears to be no government aid.

Well done, Wales! The depression has not damped the Celtic enthusiasm which makes a bright spot in a dull world. May the weather be propitious that first week in "Awt!"

SEED OATS

still have on hand some No. 1 Island Grown White Banner Seed Oats, which we are selling at reduced price to clear for cash.

A. Horne & Co.

3366-5-31-ts-31.

FOX DISTEMPER TREATMENT

In a recent issue of the *Veterinary Record*, Major J. R. Cunningham, M. R. C. V. S., Summer-side, has published the result of his experience with a distemper like disease affecting foxes on Prince Edward Island and probably in other parts of Canada during the past two years.

A short outline is given of the symptoms and course of the disease, also methods of prevention and treatment. In December, 1930, following the method employed by Laidlaw and Dunkin, of the British Medical Research Council, in the preparation of canine distemper vaccine, he produced a vaccine from animals affected with the disease and vaccinated a series of foxes, depending on the natural spread of the disease to complete the vaccination and produce a permanent immunity. This first attempt at vaccination gave excellent results and was the first evidence produced that the present outbreak of disease was caused by a filterable virus.

A further 2,400 foxes were vaccinated by the same method but the results were extremely variable and further work along this line was discontinued until August, 1931, when Dr. Cunningham, in vaccination 21 foxes exposed to infection obtained one hundred percent efficiency. Thirteen of the vaccinated animals showed no signs of the disease whatever, while eight showed slight symptoms and soon recovered. Of six unvaccinated foxes five died and one recovered after five weeks illness.

A comparison is also drawn between the disease occurring on P. E. I. and an outbreak of known canine distemper amongst foxes. The dog distemper in the foxes was kept completely under control by the liberal use of hyperimmune anti-canine distemper serum, while the same serum, according to the work of Dr. Wickwar, was of no value against the fox disease on P. E. I. On the other hand Laidlaw and Dunkin have been unable to find any difference between the virus received by them from P. E. I. and their passage dog distemper virus and they have shown that anti-canine distemper serum protected dogs and ferrets against the P. E. I. virus and that such animals were afterwards immune to dog distemper.

Dr. Cunningham was the first, in fact is the only one up to the present time who has employed the Laidlaw and Dunkin method of vaccination against the disease in foxes under ranch conditions, and has had exceptional experience in the control of contagious disease in the tropics. Leaving Toronto in February 1915, he proceeded overseas and joined the Indian Expeditionary Force on the western front.

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Send me your wool to be spun into yarn and woven into Blankets. The charges are: Single yarn 23 cents, doubled 26 cents per pound. Blankets \$2.00 and if unlaunders \$1.85. It takes five lbs. of wool per blanket. Wool must be well washed and all dirt and burrs picked out. The size of single yarn is medium and doubled yarn fine, medium and coarse. Put shippers name on all parcels and owners name, address and instructions inside. Send by mail or freight. Freight will be paid on 100 lb. lots.

Wm. LANDRIGAN,
65 Queen Street,
Charlottetown

3314-5-26-sat-tue-4 months.

IN THE STUD

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Poinset's individuality and speed inheritance qualifies him to be a great sire. A show ring champion, with perfect manners. Bred in the "Kentucky of Canada," a grandson of the Great "Dillon Asworthy" "muff" said.

Poinset will stand for service Tuesdays and Fridays at Farquharsons Stables, Charlottetown, and at my stables, Southport, until going to track.

Terms, \$5.00 for chance, \$10.00 for season, \$15.00 to insure Mares as Owner's risk.

GEO. MACDONALD,
2892-5-7-Sat-6l.

NOTICE!

The quarterly meeting of the Fish & Game Association will be held in the Board of Trade Rooms, Charlottetown, on Tuesday, June 7th, at 8:00 P. M.

J. M. MacFADYEN,
Secretary.

3438-6-4-7-2l.

GAY'S PLANTS

Prices have been reduced on very many of our plants, but not the quality, in keeping with the depressed times, below we give a list of our plants and prices. Annual bedding Flower Plants, Aster, Phlox, Verbena, Snapdragon, Balsam, Scotch Marigold, African Marigold, Cosmos, Solip-glossia, Scabiosa, Dusty Miller, Calliopsis, Sweet Alyssum, Larspur, Lobelia, Dwarf and Trailing Portulacas, Centaurea, or Bachelor's Button, Chrysanthemum 25c doz. postpaid. Seeding Pansy, Salvia, Kochia, Dianthus Finks, Petunia Ruffled and Fringed, Zinnia, 35c doz. postpaid. Ricinus or Castor Bean 25c each. Blooms. 25c doz. post paid.

Perennials, Delphinium, Oriental Poppy, Fyrthium or Persian Daisy, Digitalis, Foxglove, Canterburybell, 1 year old plants, 20c each. Saxifrage, Forget-me-not, Sweet William, Pansy and Daisy (wintered over) 10c each. Vegetable Plants, extra early Cabbage and Cauliflower 20c doz. each. Vegetable Plants, extra early 30c doz. extra early Tomato 50c doz. \$1.25 per 100, Celery 25c doz. \$1.50 per 100. Extra early Cabbage 20c doz. Second early 40c, late 30c. Peppers, Cucumber, and Head Lettuce 25c doz. Carter & Co. Seed Store and F. W. Woolworth Co. have our plants for sale, they receive them daily. We shall be pleased to have customers call at our gardens and personally select their plants, by bringing boxes and baskets, we can always give good service. Late Cabbage ready June 15th, 40c per 100. Late Cauliflower June 15th, 20c doz. \$1.00 per 100. Postal orders to J. J. Gay & Son, Charlottetown every Tuesday and Friday. This advertisement appears in the Guardian every Tuesday and Friday.

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Wanted a few hundred bags of White Potatoes—Seed and Table Stock, at our Warehouse, Hogan's Wharf.

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BEGIN well by feeding fox pups Imperial Puppy Food.

CONTINUE during early months, later with Imperial Fox Biscuits and so

SUCCEED in raising highest-class foxes, acknowledged leaders in live stock and pelt values.

Manufacturers:

Tea 0 1/2 lb. 0 lb. and not go

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