

FOR FARMERS, STOCK BREEDERS AND GARDENERS

BROODING CANADIAN CHICKENS IN A GARDEN

(Experimental Farms Note)

Much success in brooding is dependent on having chicks properly hatched from healthy, vigorous parents.

From observations made and experiments conducted at the Dominion Experimental Station, Lennoxville, Que., it has been found that the most economical and successful system is the coal burning brooder stove and an adaptable colony house.

After hatching, the chicks should be left in the incubator until they are perfectly dry. Great care should be exercised in transferring them to the brooder, to avoid chill, and the brooder pen should be warmed for at least twenty four hours before the chicks are placed in it.

Through further experiments conducted at this Station, it has been found that for successful feeding, it is necessary to use grain, vegetable and mineral feeds, with a liberal supply of clean fresh water.

At ten weeks of age feed changes should be made and a growing mash provided, together with adequate range.

DOCTORING HENS IS BAD BUSINESS

It is bad luck to have good luck in curing sick hens. One is more apt to be careless about conditions which cause disease when he thinks he is able to cure the disease with doings.

Suppose only one hen is so lacking in vitality as to come down with roup or any other disease which comes from uncleanliness, and she responds to a capsule treatment and apparently recovers. There is a chance that she will become a carrier of disease and some time when the vitality of the chickens is permanently reduced by lack of proper sanitation, ventilation or food there is an epidemic of sickness which is so virulent that it cannot be cured by the capsule treatment and serious loss will result.

When there is sickness in a flock, try and get the first victim. If the condition is serious, kill the bird by pulling its neck so the blood will not be scattered where other fowls frequent. Take it in the house and hold a postmortem, being careful to burn the carcass and the papers on which the blood has dripped.

Isolate all fowls that show suspicious symptoms, but are not sick, and give them a teaspoon each of Epsom salts. Keep permanganate of potash in the drinking water—a teaspoon, or crystals to ten gallons of water, or enough of a saturated solution to color it a deep pink.

(By Gordon Lindsay Smith)

The much maligned seed catalogue will prove a mine of information for the average gardener. Contrary to the humorist's conception this publication is thoroughly reliable and is illustrated with actual photographs. Those catalogues put out by the large firms contain much more than a mere mention of the many flowers and vegetables available in Canada.

Early spring is generally considered the most favorable season for planting nursery stock. Under the latter heading comes a wide variety of plants, including rose bushes, shrubs, fruit and ornamental trees, perennial flower plants, vines, raspberry bushes, asparagus, strawberry plants and a host of other permanent plants.

In purchasing such material authorities emphasize the importance of securing fresh stock, from a reliable source. Roots and stems should be pliable and moist and if there is any upper growth as in the case of shrubs and trees there should be evidence of live green buds.

Most people realize that all vegetables deteriorate in storage. The early potatoes are always frostier than those coming out of frosty cellars this month.

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NEWSY NOTES

NEVILLE'S CROSS

The Scottish army halted about seven miles from Newcastle, and again crossed the Tyne at Ryton. Perhaps the reason for this check was the knowledge that the town was now completely encircled by a strong wall, twelve to twenty feet high, which had begun in the previous reign, and also that it was manned by a strong garrison.

The Scots went south-west, crossing the Derwent at Ebbchester a lovely little village built on a Roman fortified camp. David and his army now followed the old Roman road to the south-east (known by the Saxon name of Dear Street) till they reached Beaupre, the manor-house and summer residence of the Priors of Durham.

Then, I go bands roamed over the neighborhood, pillaging the churches, burning the farmsteads, wasting everything wherever they went, and bringing cattle and plunder to the camp.

Then, says our historian, "the Scots made great mirth, and feasted most plentifully upon the abundance they had collected, the King and those around him, not even supposing that the chief men of the neighboring counties would make any attempt at defence."

Only seaweed. In writing the short notes bearing that title, my object was principally to put on record the few seaweeds which had been named, out of the many species growing on our coasts.

For all that, it must have been a very healthy food. Seaweed is the source whence fish derive the oils, such as cod oil. It is antiscorbutic, and also an iodine-bearer, and provides a good deal of the roughage so necessary to the processes of the alimentary tract.

Our fertilizers are now in stock ready to deliver. The mechanical condition is the best. We grind, screen and pack out fertilizers just prior to shipment.

The year millions of cockles are consumed in Britain, and so highly are they thought of, that they have even made themselves a little corner in literature.

The Audubon Society Moves: On Jan. 15th of this year, this Society—the most important of its kind on this continent—issued a formal statement of its policy on Hawks and Owl Protection.

Flowers From The Garden Beautify The Home. Few gardeners grow enough to satisfy their desire for cut flowers in the house.

NEVILLE'S CROSS (3) The Scottish King who inherited all the courage though not the wisdom, of his renowned father, Robert Bruce, sent back a defiant answer and proceeded to dispose his army on Durham Moor.

With the existing bad market for potatoes we know the demand for fertilizers will be reduced. It however should be gratifying to know that your requirements can be obtained at lower prices, on the average, than at any former time.

Nitrate of Soda \$42.00	2-10-4 \$18.40
Sulphate of Ammonia	.. 33.00	2-12-6 21.20
Superphosphate, 16%	.. 16.50	4-8-7 21.40
Superphosphate 20%	.. 19.50	4-8-10 23.20
Muriate of Potash 34.00	4-8-13 25.20
		5-9-8 24.40

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The "Annual" Riot of Color

Literally hundreds of annuals vie for a place in the garden picture, and now when seed orders are in the making is a good time to stop for a moment and consider just how many kinds you shall grow and where to place them.

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POULTRYMEN!

Buy one of our Pen Bred B. P. R. Cockerels for improving your flock. Bred four generations for high egg production.

International Fox & Animal Foods, Ltd. Summerville, P. E. I.

When seedlings have come up the sash must be raised for ventilation.

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A Cold Frame is the Garden Amateur's Best Friend

3' x 6' IS STANDARD SASH SIZE. USE LUMBER 2" THICK, 5" NAILS AND ADD 4" ANGLE IRONS AS SHOWN IN SKETCH. HINGE SASH TO FRAME FOR EASY HANDLING.

When seedlings have come up the sash must be raised for ventilation.

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GROUND LIMESTONE

It is time to be thinking about Crushed Limestone. We have installed additional equipment to take care of orders promptly and can load cars part bags and part bulk.

Brookville Mfg. Co., Ltd. Brookville, N. B. H. G. S. ADAMS, Manager.

IT PAYS ON HAY

Results from the use of COMPLETE FERTILIZERS on HAY in the MARITIME PROVINCES, have shown yields as high as SIX times those of untreated areas.

YOU can prove on YOUR OWN FARM, that FERTILIZED HAY is the CHEAPEST FEED except PASTURES.

IT IS VERY SIMPLE:

Top-dress the hay field about the last week in April with approximately 500 lbs. per acre of 5-9-8 or its equivalent in a home-mixed fertilizer, and leave a strip untreated.

HOW FERTILIZERS WILL IMPROVE HAY:

- 1.—Increase the YIELD.
- 2.—Add to the nutritional value by increasing the PROTEIN and MINERAL content.
- 3.—Provide valuable supplementary pastures, if the hay is cut early.


HOME GROWN PROTEIN CHEAPER than in PURCHASED FEEDS

For further information, write to

The SECRETARY

MARITIME FERTILIZER COUNCIL

101 John St. Moncton, N. B.



VIXENS NEED "IMPERIALS"

Successful fox ranchers feed IMPERIAL FOX BISCUITS because they contain food elements essential for health, strength and successful propagation.

"IMPERIALS" should be fed liberally now to vixens because they supply elements necessary to ensure large litters of strong pups and maintain health and vigor of vixens.

"IMPERIALS" fed during this season repay richly in generous results.

IMPERIAL BISCUIT COMPANY, Ltd.
Charlottetown, P. E. I.

FERTILIZERS

With the existing bad market for potatoes we know the demand for fertilizers will be reduced. It however should be gratifying to know that your requirements can be obtained at lower prices, on the average, than at any former time. We offer:

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Muriate of Potash 34.00	4-8-13 25.20
		5-9-8 24.40

per ton delivered any Railway Station on Prince Edward Island in cartons lots of 20 tons or more.

For deliveries to trucks or teams at our Plant an allowance of 50¢ per ton will be made.

A price on a special mixture for pasture and one for turnips will be announced later.

Our fertilizers are now in stock ready to deliver. The mechanical condition is the best. We grind, screen and pack out fertilizers just prior to shipment.

We offer ground limestone in bags at \$5.40 per ton ex our Plant. It may be advisable that you get your fertilizer requirements before the roads break up for sleighs.

Give us a call or see one of our selling Agents. Should we not have an Agent in your Section get in touch with us direct.

THE ISLAND FERTILIZER CO., LTD.
Charlottetown, Prince Edward Island
'Island Goods for Island Growers'
L-5450-3-10-4

TRACK MEET MAY 24

MONTEREAL, March 21.—(G.P.)—The 13th annual Dominion intercollegiate championship track meet will be held at Molson stadium here May 24 under the auspices of the Department of Physical Education at McGill University, it was announced today.