

OUR FARM PAGE: ITEMS OF INTEREST TO EVERY FARMER

Economy of Production Through Suitable Housing of Poultry

Perhaps the best evidence of the effect of inadequate housing on poultry is given by examination of the egg production of a group of pullets in a poor house during the winter season. Very often a relatively high rate of production is reached in the late fall followed by a sudden falling off of production and partial moult immediately after the first cold snap. Not only is there an actual heavy loss of production at the time but even if the weather remains milder laying will only be spasmodic or lacking entirely for some weeks from those birds that have moulted, since feathers are slow to replace and very few birds can lay well and produce feathers at the same time. Not only is this true but birds under cold conditions must use a great deal of their feed to keep warm and it is infinitely more economical to keep the pens warmer through proper construction or insulation than to keep them warm by the heat of the birds themselves which is produced from the most expensive fuel, their feed.

The importance of this factor is also marked during the period of growth and particularly with brooder chicks. The running of a brooder is not only uneconomical of fuel but is apt to be followed by chilling in the chicks and high mortality. During the rearing period heat is more apt to be troublesome than cold and well ventilated houses such as range shelters or straw lofts in the colony houses, contribute greatly to the comfort of the birds and help to eliminate the period of retarded growth which is almost inevitable in the hottest part of the summer.

Information on housing and equipment is available from the Department of Agriculture, Ottawa.

ECONOMY OF PRODUCTION THROUGH BREEDING

The net return yielded by a poultry flock is directly proportional to the rate of production. Heavy laying flocks, that is, those which average 200 eggs per bird, with a brooder, will produce 5 to 6 pounds of feed, while those producing only 100 eggs per bird, consume 8 to 10 pounds of feed for each dozen of eggs.

Among those factors which give efficiency of production is the inherent quality of the stock. While the farmer to practice trap nesting and individual selection, as does the specialized poultry farmer, he can rapidly build up the quality of his flock through the use of selected males. High quality breeding males are purchased from reliable breeders at a nominal price. They can be purchased when adult, or better, because of the danger of introducing disease, in the form of baby chicks or partially grown stock. They can be toe marked or banded to distinguish them from the remainder of the flock during the growing period, and selected at or near maturity.

When purchasing males, take care to procure them from Pullorum tested flocks with good body and egg size. Further details on flock improvement by breeding may be obtained from the Dominion Department of Agriculture, Ottawa.

INTENSE COLD KILLS THE BEAN WEEVIL

Beans in storage are very frequently attacked by a tiny beetle, known as the bean weevil which lives and feeds in small chambers beneath the outer skin or covering of the seed. When the beans are stored at ordinary house temperatures, feeding and development continues all winter. Infested seed very often becomes so severely damaged as to be totally unfit either as food or for planting. Due to the fact that all feeding is carried on beneath the seed coat, the bean weevil is frequently not detected before severe injury results. Infested seed should not be planted because the germination is liable to be poor and planting is in itself one very definite way in which the insect can be spread.

Fortunately, there is a very easy and cheap method of control available, which is the use of a fumigant. This is a substance which is highly toxic to the weevil but which is harmless to the seed. It is used in the form of a gas which penetrates the seed and kills the weevil. This method is highly effective and is used by growers in all sections of the Dominion. Further information may be obtained from the Division of Entomology, Dominion Department of Agriculture, Ottawa, or from the nearest Dominion Entomological Laboratory throughout Canada.

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Holstein Breeders' Annual Meeting Largely Attended

The annual meeting of the Holstein Breeders' Club which was held at the Palmer Community Hall on Thursday, January 11, brought out an attendance of approximately 125 breeders. At the business session held in the morning, A. S. Mahon of Campbellville was appointed President in 1940.

At the noonday luncheon which was catered for by the wives of South Holstein breeders, 103 members sat down to the tastefully served dinner. At the dinner Mr. E. M. Redhead, Secretary of the Halton Agricultural Society, presented on behalf of the Halton County Branch of the Canadian Bank of Commerce, their trophy to Robinson Bros. of Georgetown who had the winning herd at the County Show held at Milton on October 2nd. The Royal Bank trophy for the exhibitor winning the most points in live stock from Nelson Township at the County Fair was presented by Mr. Lucas, manager of the Burlington branch, to Mr. W. B. Somerset of Beaufort Farm, Freeman. Special recognition was also given by President Morley Watson to Halton Holstein breeders who exhibited cattle in the Halton County herd at the C.N.E. The breeders receiving this recognition were as follows:

T. L. Leslie & Son, J. Hunter, Robinson Bros. all of Georgetown; W. S. Dickenson & Son, G. Leslie Peck & Son of Milton; J. L. Neelands & Son, Hornby; Irwin Shepherd & W. B. Somerset of Freeman.

Following the luncheon Byron Jenvey, Holstein Fieldman for Western Ontario, briefly reviewed the progress

made by the Holstein breeders during the past year. Mr. Jenvey pointed out that during the past two years there have been over 1700 new breeders come into the Association and of this number 1180 came from Western Ontario. Incidentally, Mr. Jenvey congratulated the Halton Club on having the largest paid up membership of any Club in Ontario during 1939. The new Holstein "Oats Sign" was on display at the meeting and a large number of Holstein breeders availed themselves of the opportunity of placing orders. Dr. C. D. McOlivray, Principal of the Ontario Veterinary College, who was introduced by Agricultural Representative J. E. Whitelock, gave a progress report on the Control of Bangs disease and Calfood Vaccination. This address which is a most timely one was listened to with keen interest by the large audience as was also the illustrated lecture of Mr. Hugh Colson, editor of the Holstein Journal, who took his audience by means of movie on a trip to the World's Fair and a trip to visit Holstein herds in Western Canada and the Western United States.

Other officers elected at the annual meeting were as follows:
1st Vice-President—J. C. Bell.
2nd Vice-President—W. H. Biggar.
Secretary—V. J. Lawrence.
Directors—
Esquising—Wm. Robinson, Craig Reid.
Nassagaweya—Percy Kitching.
Nelson—Fred Hamilton, Ross Segsworth.
Trafalgar—Emerson Ford, Claude Pickett, A. T. Woodley.

Over 1400 Breeders To Attend Meetings

Members of Cattle, Swine, Horse and Sheep Associations to Attend Annual Meetings in Toronto, week of Feb 5

There will be added interest to the meetings of the breed associations being held in Toronto the week of Feb. 5 as members discuss what best their organizations can do to further Canada's war interests. Some 1400 members of cattle, swine, horse and sheep associations will take part in deliberations during the week.

Hon. P. M. Dewar, Ont. Minister of Agriculture, will be the special speaker at the annual dinner of the Ontario Sheep Breeders Assn. on Wed., Feb. 7. James A. Telfer, Federal Dept. of Agriculture will present a report on range grading in Ontario during 1939, while Wilfrid Shields, Caster Centre, will discuss wool marketing in 1939 and the outlook for 1940.

Hon. G. J. Taggart, chairman of the Canadian Bacon Board and Minister of Agriculture for Saskatchewan will address the swine breeders on Monday, Feb. 5 on sale and export of bacon to Great Britain. R. D. Morrison, Kitchener, president of the Canadian Packers' Council, will lead in the discussion from the standpoint of the packers. J. M. McCallum, assistant director of production service, Federal Dept. of Agriculture, Ottawa, will address the Ont. Horse Breeders' annual meeting and will discuss prospects of horse purchases by France in Canada and the U.S.A.

The meeting of the Ont. Cattle Breeders Association, Feb. 9th, will be featured by addresses on restricted areas for eradication of Bangs disease, by Dr. J. B. Reynolds, Port Hope, and F. J. Darlington, Todmorton. Calfood vaccination for control of Bangs disease will be discussed by Dr. McOlivray, principal of Ont. Veterinary College, Guelph; W. Davidson, Blenheim, and R. O. Biggs, Dundas. R. H. Graham, Live Stock Branch, Ont. Dept. of Agriculture, will present the status of T.B. testing in Ontario.

TREES TO TRAP SNOW

The use of tree belts as a means of trapping snow to fill dugouts which are excavations on farms to hold water has been successfully demonstrated at the Dominion Forest Nursery Station, Sutherland, Sask. A belt of trees, 1,500 feet long served to catch enough snow to fill a dugout of 17,000 cubic feet capacity, each line foot of tree belt thus contributing eleven cubic feet of water to the dugout. For this purpose, a single belt of trees from one to four rows and 15 feet or more in height is recommended.

AGRICULTURE'S KEY

The agriculture of tomorrow will differ from that of today as much as ours does from that of fifty years ago. The actual progress will be made through scientific research, made effective by wise policies of production and marketing, and the agricultural countries which reap the greatest benefit will be those that use the only key that can unlock the doors to nature's secrets—Dr. J. M. Swaine, Director, Science Service, Dominion Department of Agriculture.

FRUIT DEALERS FINED

For selling apples in open barrels not marked as required by the Regulations under the Farm Products Grades and Sales Act, two Ottawa dealers were each fined \$10.00 and costs at the Ottawa Police Court, recently. At the same court, another dealer was fined \$10 and costs for similar violation of the Regulations. In that case the packages of apples offered for sale by him were not marked, while in other packages the old marks were not obliterated.

Provincial Seed Show To be Held at Toronto

Ont. Provincial Winter Fair Sponsoring Commercial Seed Show during Week of Farmer Conventions Feb. 12-16 at King Edward Hotel—Judging Agricultural Departments will Have over 170 Entries as Added Feature of Show.

With the objective of bringing together the producer and buyer of good seed, the Ont. Provincial Winter Fair Association will present a commercial seed show at the King Edward Hotel Toronto, during the week of Feb. 12 to 16—when some 2000 agriculturists will be attending conventions in the Queen City.

Competitive classes of cereals, clover and alfalfa seed will be held, and the prize money is liberally distributed. Every exhibit entered for competition must have behind it a specified quantity of like quality for public sale. In oats and barley the minimum quantity must be 50 bushels and in small seeds, five bushels.

The Junior Department, held in conjunction with the show will have over 170 entries consisting of early and late oats, barley, early and late potatoes and corn.

Entries for the seed show close Feb. 10. Information should be obtained from the secretary, L. E. O'Neill, Parliament Buildings, Toronto, or your Agricultural Representative.

E. K. Hampson, Hamilton 1st Vice President of the Ont. Provincial Winter Fair, chairman of the Seed Committee, will be the judge. Other judges: Dr. G. F. McKeate, O.A.C., Guelph; and J. W. McKay, Ottawa; clover and grasses, E. J. Quail, Guelph; potatoes, Prof. A. W. Mason and O. W. Lachaine, O.A.C., Guelph; junior exhibit, R. W. Keenan, O.A.C. Guelph, and John D. McLeod, Ont. Dept. of Agriculture, Toronto.

The twelve principal stock markets in Canada under the supervision of the Live Stock and Live Stock Products Division, Marketing Service, Dominion Department of Agriculture, are located at the following centres: Toronto; Montreal; Regina; Edmonton; Prince Albert; Moose Jaw, Saskatchewan; and Vancouver.

ONTARIO FARM BROADCAST TO BE HEARD ON BROADCAST

The CBC Farm Broadcast for the "ONTARIO REGION" will celebrate its first anniversary early in February and at this time will make its bow to the "net" work. On Monday, February 5, stations CBO at Ottawa, and OBM at Montreal will join this service broadcast especially for rural listeners.

It was just a year ago that the first quarter-hour farm broadcast began over CBL with Don Fairbairn at the microphone, this original programme included last minute reports from Toronto produce markets and producer information. On May 1, 1939, the broadcast was extended to a half-hour with "The Craigs" and Canadian Press Agricultural News as added features.

The wholesome, honey voiced Brian Howard Farm where "The Craigs" live have delighted rural and urban listeners of CBL, CBO and OBM. The daily scripts are written by Dean Hughes and the cast includes Grace Webster as Martha, Alice Hill as Janice, Frank Fiddle as Thomas and George Murray as Bill. Don Fairbairn will continue as commentator for these CBC Farm Broadcasts.

Nelson Short Course Groups Visit Packing Plants and O.A.C.

The Short Courses in Agriculture and Home Economics which opened at Nelson on January 2nd have continued to hold the interest of the 47 young men and women who enrolled on the above date. The young ladies under the leadership of Misses Lulu Row and Blandine Miesner are actively engaged in their courses of study pertaining to clothing and foods. During the past week the young men visited the farms of E. C. Willmott, St. Bon, Milton, and Valleycrest Farm, Oakville, where they judged sheep and beef cattle at the former and Clydesdales and Guernseys at the latter.

On Thursday last the young men's class reinforced by a group of older farmers of Nelson, travelled to Canada Packers in Toronto where they had the opportunity of following the live hogs through the abattoir and inspecting the dressed carcasses on the rail and they also made a brief visit to Shur-Gain farm near Weston. The members of both classes were taken to the Ontario Agricultural College and Macdonald Institute on Thursday of this week where they spent a most enjoyable day visiting the various departments on the campus. The young people were entertained to lunch at the College where they were addressed by President G. I. Christie.

We understand that plans are now underway to have their closing exercises take the form of a banquet which will be held in the Nelson Township Hall on the evening of Friday, January 26. Following the banquet at which Mr. J. E. Houck will be the special speaker, the young people will conclude the evening with a short dance.

NEW GASOLINE RULES TO AID WAR INDUSTRY

New gasoline regulations to protect wartime industry and guard against wastage of gasoline by fire will go into effect Jan. 15th, according to Fire Marshal W. J. Scott.

The most important provisions dealing with bulk storage of gasoline during wartime, with provisions for extra diking for bulk storage plants when these are near any manufacturer holding substantial contracts with the war supply board. Provision is made for floodlighting such premises. In addition, diking requirements for farm tanks with barb wire of large bulk storage plants have been tightened up, the report states.

Ontario's fire losses in 1939 were \$1,677,201 less than in 1938 and the lowest on record, according to the fire marshal's report.

HEALTH

HOPE IN WHOOPING COUGH

Why do doctors not discover something about whooping cough? This is a question which is answered by H. B. Cushing in the current issue of "Health" by the statement "Easier said than Done."

Last year, according to Doctor Cushing, over 15,000 children died of whooping cough in North America and more than 100,000 children died of this disease in Canada than of any other acute infectious disease.

The writer, who is physician to the Children's Memorial Hospital and to the Alexandra Hospital for Contagious Diseases, Montreal, says in part: "Whooping cough, or pertussis as the doctor like to call it, is one of the contagious diseases. It starts like a common cold or cough but gradually in the course of a week the cough becomes spasmodic and the typical paroxysms and whooping develop. Unfortunately, in North America, there is no fever and no prostration. Between the attacks of coughing the child appears quite normal and wants to play and eat as usual. Unless worn out by loss of sleep, vomiting, etc., the patients are hard to control, or keep in quarantine. Doctors find it difficult to make a diagnosis, unless they witness an unmistakable paroxysm. The infection seems to be spread by direct contact. The disease usually takes ten days to develop, and is most contagious during the first two weeks, but may remain so as long as five or six weeks.

"For years hundreds of investigators have spent their lives on the problem, some of the greatest intellects in the

medical world have devoted their attention to the subject. Our knowledge of the disease and its possible control is steadily growing, even if the progress seems maddeningly slow. The cause has been discovered, a minute bacillus, allied to the influenza bacillus is found in the larynx and air-passages of the sufferers. It can be grown in test-tubes and its discovery is used as a test for the disease in doubtful cases, but so far no one has discovered a certain cure. Much can be done to relieve the sufferers. Careful nursing and an attention to the diet maintains their general health. Abundance of fresh air and sunshine lessens the number of spasms. Various sedatives in the worst cases afford a measure of relief but no specific drug or serum has so far been found to shorten the course of the disease.

"In the past few years, two great advances have been made which give promise for the future. First, a wonderful new drug, sulphapyridine, which saves thousands of lives in pneumonia, is also effective in most of the cases of pneumonia complicating whooping cough.

Second, efforts have been made for many years to find a vaccine which would immunize the children against the disease. At first the vaccines tried were quite ineffective, but in recent years vaccines have been prepared of greater potency, so that children now can be inoculated with a reasonable hope of success.

"With the improving results of immunization, better understanding of the disease, more careful quarantine, and the control of the fatal pneumonia, the future looks promising. It is hoped the coming year will show great progress in the conquest of this, the worst of the remaining plagues that afflict children.

HEATING HINTS
By James Stewart

WHILE this cold weather continues, your health and comfort depend to a great extent upon the even temperature of your home. To maintain this constant, steady heat is a simple matter, and one that I have frequently discussed in this paper. It will bear repeating:

To begin: Do not use the Smoke Pipe Damper (generally known as the Turn Damper) for the daily control of your heat. This device should always remain as nearly closed as possible, without interfering with the free burning of the coal.

The regulation of the fire during the day (if you do not have a thermostat attached to your furnace) should be controlled entirely with the Check and Ashpit Dampers. When heat is needed upstairs, close the Check Damper and open the Ashpit Damper. When there is sufficient heat in your house, close the Ashpit Damper and open the Check Damper. Note that these two dampers operate simultaneously. When one is open, the other is closed.

One important consideration to bear in mind is the location of your Check Damper and Turn Damper. The Check Damper should be located between the chimney and the Turn Damper. The latter should be located between the Check Damper and the furnace itself. If these dampers are properly placed and if they are moved as suggested, you will be able to maintain an even temperature in your home at all times without difficulty.

A traveller in a Pullman in doubt about the amount of the tip he should give the negro attendant, asked him: "What is the average tip, that you get?"

"Two dollars, sah."

The traveller gave him two dollars, whereupon the Negro clapped his hands delightedly.

"What's the idea?" asked the traveller.

"Well, sah," said the Negro, "you is the first man dat ever came up to the average."

Little Ted was saying his go-to-bed prayers in a very low voice.

"I can't hear you dear," his mother whispered.

"Wasn't talking to you," the small one answered firmly.

INITIAL MEETING OF HALTON COUNTY COUNCIL LAST WEEK

(Continued from Page 1)

of the municipalities forming a committee to strike the standing committee. Two minutes silence was observed before the adjournment in memory of the late Mr. George Davis, reeve of Georgetown.

When council resumed, Mr. Byers reported the standing committees as follows: the first named being chairman of the committee: Finance, Byers; Blair, Wilson, Hall, Hume; education, reeve of Georgetown (when elected), Hume, Hall, Heslop; printing, Chalmers, Robertson, Gilbert, Byers; county buildings, Heslop, Kerns, Chalmers, May, Hillmer; special communications, Wilson, Hume, Robertson, Byers; hospital accounts, Blair, reeve of Georgetown, Hillmer, Heslop; railways, legislation, agriculture and reforestation, Kerns, Hall, May, Blair; county roads and bridges, Gilbert, Kerns, Wilson, Byers and Finney were those suggested. The appointment of the last committee was only possible after the former members of the road committee had handed in their resignations.

Exc-Warden Victor Hall addressed the council briefly, congratulating the wardens on his election to office, and presenting the council with a group photograph of the 1939 council. The picture was accepted by Mr. Finney on behalf of the council, and thanks extended to Mr. Hall.

The following were appointed to the Burlington high school board: Mr. A. G. Mason for 1940-41; Mr. Gordon J. Campbell for 1940-41-42. Other appointments to high school boards in the county were: Oakville, Mr. Reginald Smith for 1940-42; Georgetown, Mr. C. B. Dayfoot for 1940-42.

Moved by Mr. Wilson, seconded by Mr. Hume, that the warden and the ex-warden be appointed commissioners to the house of refuge for the year 1940.—Carried.

Moved by Mr. Chalmers, seconded by Mr. Robertson, that tenders be called for printing minutes and by-laws, etc. for 1940.—Carried.

Moved by Mr. Chalmers, seconded by Mr. Blair, that a grant of \$50 be given to the Canadian Institute for the Blind.—Carried.

Moved by Mr. Byers, seconded by Mr. Hillmer, that Mr. Gilbert and Mr. W. A. Wilson be appointed members of the Children's Aid Society for the county of Halton for 1940.—Carried.

Four by-laws were passed: (1) to appoint auditors of the accounts for 1939; (2) to appoint members of the county board of audit; (3) to authorize the borrowing of money to meet expenditures for the year 1940; (4) a by-law to provide for the total expenditure on the county road system for 1940.

Moved by Mr. Byers, seconded by Dr. Heslop, that the resignation of Messrs. Hall, Goddard, McEwen and Hewson be accepted.—Carried.

Moved by Mr. Kerns, seconded by Mr. W. S. Hall, that Mr. Gilbert be appointed to the county roads committee for the years 1940-41 to fill the unexpired term of Mr. Hall.—Carried.

Moved by Mr. Robertson, seconded by Mr. Hillmer that Mr. Leslie Kerns be appointed to the county road committee for the years 1940-41-42-43, the unexpired term of Mr. John McEwen.—Carried.

Moved by Dr. Heslop, seconded by Mr. Byers that Mr. Finney be appointed to the roads committee for the year 1940.—Carried.

Moved by Mr. Gilbert, seconded by Mr. Hume, that Mr. W. Wilson be appointed to the roads committee for the year 1940.—Carried.

Moved by Mr. Gilbert, seconded by Mr. Robertson, that Mr. John Byers be appointed to the roads committee for the years 1940-42, the unexpired term of Mr. Hewson.—Carried.

Moved by Mr. May, seconded by Mr. Chalmers, that this council do now adjourn to meet on Tuesday, January 30th, at 10:30 a.m.—Carried.

The motorist was proudly extolling the virtues of his country.

"Yes, I am a Canadian. If I want to motor from one boundary of my land to the other I can motor for ten days without reaching my destination."

The Frenchman nodded, "Yes, I once had a car like that."

An optimist and a pessimist were defined by a speaker at a meeting in Falkirk the other day as follows:—

"An optimist is a man who sees a light that isn't there, and a pessimist is the fool who tries to blow it out."

A shy young man once said to his young lady:

"I wish, dear, that we were on such terms of intimacy that you would not mind calling me by my first name."

"Oh," she replied, "your second name is good enough for me."

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