

# FRESH AIR IS NEEDED IN THE POULTRY HOUSE

**Sunlight is Regarded as Nature's Greatest Disinfectant --- Dampness is Conducive to Low Egg Production --- Should Be a Thorough House Cleaning at Least Once a Year --Disinfectants Should Be Used**

By A. C. McCulloch, Provincial Poultry Superintendent.

Too much stress cannot be laid upon the importance of fresh air in the poultry house. A strong tendency prevails in summer to close up the house to make it cool under the false impression that cool air is of necessity healthy. A cool house in summer is conducive to good egg production but only when it is obtained with a liberal supply of fresh air. Fresh air is the greatest of poultry tonics. Sunlight is Nature's great disinfectant. The prime importance of sunlight in sanitation is universally recognized by medical authorities. Disease germs cannot stand prolonged exposure to the direct rays of the sun. Yet how many poultry houses we see with not even a window or with only the vestige of one which has been boarded over because the cows broke out the glass.

## Dampness

A damp house is probably the worst of the unfavorable conditions under which poultry may be kept. Dampness is conducive to low production and it is very favorable to the growth of germs causing colds, roup and kindred ailments. Fresh air and sunlight prevent dampness.

## House Cleaning

By this is not meant merely the removal of probably a year's accumulation of droppings from the poultry house. It means a thorough cleaning of every part of the interior of the house and a good disinfection. Every part of every building in which poultry is kept should undergo a thorough

cleaning up at least once a year. Naturally this should be just previous to the time new stock is to occupy the building.

All nests, roosts and other internal fixtures (which should be made removable) should be taken out and cleaned of all dust and adhering manure or other filth by means of a hoe or scraper. The whole of the interior of the house should be similarly treated after the litter and loose dirt have been shoveled out. At this stage, where circumstances permit it, the interior should be washed out thoroughly by the use of a hose on which the maximum water pressure possible should be applied. If no water system is available the same purpose may be accomplished by using a stiff broom and several pails of water. While the crusted dirt is still moist again use the hoe or a very stiff broom and remove every visible particle of dirt. Open up the house as much as possible during house cleaning time.

## Disinfection

Disinfection should immediately follow the operations just outlined. Disinfection is to kill all lice, mites, and disease germs harboring in the house. Many disinfectants are on the market and most of them are unquestionably effective. For home use probably as suitable as any is whitewash. This may be made by slaking about a bushel of fresh white lime in a half barrel of clean water, or any amounts necessary in this proportion. Add to the lime and water about 3 per cent of crude carbolic acid. This increases

## CHANGE OF WATER CAUSED DIARRHOEA

People moving from one place to another are very much subject to diarrhoea on account of the change of water, change of climate, change of diet, etc., and what at first appears to be but a slight looseness of the bowels should never be neglected or some serious bowel complaint will be sure to follow.

The safest and quickest cure for diarrhoea, dysentery, colic, cholera infantum, cholera morbus, pains in the stomach, seasickness and all looseness of the bowels is Dr. Fowler's Extract of Wild Strawberry.

Mr. T. T. Allard, Parry Sound, Ont. writes: "In the fall of 1914 I was working on the new 'Chiclet Gum' factory, on Carlaw Ave., in Toronto, when I had a violent attack of diarrhoea, owing, I think, to the change of water. One of the foremen advised me to get a bottle of Dr. Fowler's Extract of Wild Strawberry, which I did, with the result that I hadn't taken it all before I was completely cured."

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Under the ruling of Director General McAdoo women employed in railroad work are assured of receiving equal pay with men for equal work.

Women school teachers of Seattle are agitating for equal pay with men teachers.

The Duchess of Marlborough is leading a movement among English women to sell their family jewels for war funds.

One of the most successful of business women in England is Miss Ethel M. Sayer, who has just been elected to the Freedom of the City of London in recognition of her war relief work. Twenty-one years ago Miss Sayer began her business career as private secretary to the head of a large firm of advertising contractors. In January of last year she was made a director of the firm.

the disinfecting properties. It is well also to add about one gallon of buttermilk to every four or five gallons of the whitewash. This makes it stick better. The whitewash should be strained through a fine sieve and should be applied by a force pump if possible while still hot from the slaking. Spray every portion of the interior of the house also the nests, roosts etc., which have been removed. Force the spray into all cracks and crevices as well as possible. These are the hiding and breeding places for mites. If a spray pump is not available a broom or whitewash brush may be used but it is more difficult to do the work well. One application if thorough may be sufficient but it is well to give a second about a week or ten days after the first.

During the entire year it is advisable every month or so to treat the roosts, nests, etc. with a mixture of 3 parts kerosene and 1 part crude carbolic acid.

In all disinfecting work cresol, zenoleum, carbolineum and several other similar substances may be used instead of the carbolic acid. Many other preparations may also be used to substitute the whitewash but the latter is very effective, easily made, cheap, and make the house look tidy, clean and very light.

## QUEBEC TO HAVE MUSEUM OF THE WAR

Quebec, July 14.—One of the busiest men in Quebec today is the Rev. Father O'Leary, of South African war fame. He is fulfilling a commission for the federal government, calling upon him to arrange the distribution of the Canadian War Museum, which has just arrived from England and is to be displayed for the first time on this continent in the exposition park here.

The proportions of the museum may be gathered from the fact that it took seven large freight cars to carry it here from Montreal, where it was landed, and it is not all here yet.

Though the countless cases containing the exhibits have not as yet been opened, it is known that the museum includes one Zeppelin, two aeroplanes, 10 heavy cannon, several machine-guns and countless small arms, rifles, helmets, uniforms and all kinds of other German war material. The exhibit will take up from 12,000 to 15,000 sq. feet in the central building of the local exposition. This is the amount of space allotted to it and indications are that even at that it will be overcrowded.

The museum will be open to the public by the end of the present month, and will be kept open until the 6th of September. It will be open through the period of the annual exposition.

Father O'Leary has been here for some time arranging the historical archives at the exposition grounds. He has been informed that the museum is the finest in the world as far as museums of the present war go.

## TAXES ARE TO BE GREATLY INCREASED

Washington, July 15.—Eight billions of dollars, double the amount now yielded by the present tax laws, are to be raised under the new revenue bill which the House committee is today framing in executive session. It is part of the administration's programme of meeting the vastly increased expenses on account of the war, estimated at \$24,000,000,000 during the fiscal year. The income and excess profits taxes will be levied on the basis of the calendar year 1918, the other taxes not earlier than the date of approval of the bill. Eighty per cent of the new revenues are planned to be produced from readjustment of the excess profits and income surtaxes, and the remainder from excise taxes on luxuries, non-essentials and possibly essentials.

"How old are you?" asked the minister of the boy celebrating his birthday.

"I'm four years old, and glad of it, too. I was getting awful tired of being 3 all the time."

## ALASKA

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