

An excellent germicide to use in the drinking water is made up of oil of sassafras and sulphuric acid in the following manner: Stir rapidly 2 oz. oil of sassafras into 2 gillons water. Then pour and stir very slowly 2 fluid ounces sulphuric acid into this mixture. In use put one tablespoonful of this mixture in each gallon of drinking water for adult birds.

TREATMENT.

All poultry keepers and pigeon breeders, whether their flocks are large or small, should cooperate and check the spread of this form of roup in this Province.

When this disease is present it is advisable for the owner to keep his fowls housed, as far as possible, for the winter months, and to line the runs thoroughly with pure, unstacked lime.

If lime is applied just before or during rain it will cut into the soil and help to destroy all disease germs that are in the ground. If fowls are housed in open-front, fresh-air houses, where no draughts can strike the birds, they can be kept quite clean by changing the straw or litter occasionally and using a solution of crude carbolic acid of good strength about the roosts and droppings. Care should be taken, if there is the slightest sign of the presence of the disease, that all straw is burned when cleaning.



In cases of diphtheritic roup the pus often collects about the eyes of the fowl as shown in this illustration.

Some of the various roup cures that have been advertised so widely have not been of use in checking the disease. Experiments have been conducted by the Poultry Division in an endeavour to cure birds of this disease and prevent its spreading to other flocks by means of vaccination.

VACCINATION.

Simultaneous vaccination, another preventive measure, is given a separate title owing to its great importance in causing fowls to be immune. The writer can get no definite information from any Canadian source of this important preventive measure being made use of.

This method of checking chicken-pox was first practised by Mantenfel in 1905. Since then practice of this measure has been made use of by many, amongst whom are Hadley & Beach, of Wisconsin; J. R. Beach, California; and Mack & Records, of Nevada. All have given excellent data with good results in approximately 75 per cent. of the cases. Beach, of California, goes so far as to recommend its adoption by practical poultrymen.