



PERSIATIC . . . Poultry Powder

Is a safe and sure remedy for all kinds of
Lice on POULTRY.

It is harmless to hens and chickens. Dust your birds with PERSIATIC POULTRY POWDER and INSECTS CANNOT LIVE.
A leading poultry breeder says he tried everything and could not keep his valuable birds from being lousy, nor keep them clean, until he tried PERSIATIC POULTRY POWDER.

25 CENTS PER CAN

Persiatic Poultry Spray

Is the only effective Spray for removing insects in Poultry Buildings.

SOLD BY ALL DRUGGISTS. TRY IT. 25 CENTS PER BOTTLE.

MANUFACTURED BY

THE PICKHARDT RENFREW CO., Limited
STOUFFVILLE, ONT.

900

ROUP CURE GUARANTEED. ROUP

CONKEY'S ROUP CURE is the only remedy that will cure roup in all its forms as long as the fowls can see to drink. For canker, especially in pigeons, this cure excels all others. It is simply put up in drinking water and the fowl takes its own medicine. The lives of two chickens is enough to pay for one tube which will cure a hundred or more. Directions in every package. If this fails we will refund the money. Sent postpaid. Small size 50 cents, large size \$1.00.

PETALUMA INCUBATOR CO., Petaluma, California,

Pacific Coast Agent. G. E. CONKEY & CO., Cleveland, Ohio.

C. J. DANIELS, 221 River St., Toronto, Ont., CANADIAN AGENT.

Please mention this paper. Do not send stamps.

which is, in reality, an enlargement of the gullet, where the food is subjected to a preliminary softening process; then the gizzard, where the food is assimilated by the action of the particles of grit which the bird has swallowed; and lastly, the intestines, whence waste products are carried off per rectum. I leave out of consideration the liver, spleen, kidneys and other contributory organs, as their diseases cannot well be dealt with here.

First and commonest of the ailments affecting the organs enumerated we have: Crop-bound, a condition in which, from some cause or other, the food cannot pass out of the crop. The cause is usually a mechanical one. I

have experienced it with my poultry when there has been hay about—they eat the grass seed and swallow more or less lengthy pieces of hay in doing so; I have removed solid masses of intertwined hay as large as tennis balls. Obviously, unless a fowl is promptly relieved of such an accumulation something baneful will happen. The plan I have found successful in treating crop-bound birds is to pour warm water down the throat, and after carefully kneading the mass, gently squeeze it out. This, if managed gently and patiently, will obviate the necessity of an operation. Not one case in a dozen really requires to be dealt with surgically, although most writers on the subject advise opening the crop.

Should ordinary measures fail this must be the last resort. It must be judiciously done, and then there is not much risk of permanent injury. The two skins, the outer skin and the crop-sack, must be cut straight through, and after the food has been carefully removed by a suitable instrument, and the crop has been syringed out with warm water containing the faintest trace of permanganate of potassium, each skin must be separately sewn up. It is of the greatest importance that everything used in the operation be rendered antiseptic. Therefore, carbolic acid ointment should be smeared on scissors, needle, and thread. After an operation the bird ought to be kept without food for three or four hours, and then only soft nourishment can be given with safety, and when corn is again supplied it must be well soaked for a day or two. An occasional small capsule of charcoal may be administered daily with advantage.

We now pass to the milder forms of crop trouble known as sour crop. This is purely and simply indigestion or dyspepsia, and varies considerably in degree. Sometimes a bird seems to be "off its feed," and its breath is unwholesome.

Hersee's Reliable Poultry Food.

We say by feeding this food that it is just as easy to produce more eggs as it is to make a cow produce more milk. Poultrymen and farmers everywhere are using this food. Shortens moulting and prepares your bird for the show. Most wonderful food known. Ask for it and take no other. 15c. and 25c. a package.

HERSEE'S - RELIABLE - POULTRY - TONIC
cures Roup, Cholera, etc.

It will save you dollars. Poultrymen say it is all right. Sold everywhere. Price 15c. per bottle. Sold by leading dealers, or sent direct.

E. HERSEE,
Manufacturer

WOODSTOCK, Canada.

200