

perch supports became literally alive with vermin before they were noticed. We subjected them to a dense fumigation for five hours, and on opening the house found them still alive. A liberal application of Carbolic acid settled them.

### Carbolic Acid.

Carbolic acid is extensively relied on as an agent for the extermination of chicken lice, also as a deodorizer, for both of which purposes it is very useful. From trials made during the past month we find that the acid diluted in the proportion of 1 of acid to 30 of water will destroy in ten minutes all the lice with which it comes in contact.

We would not advise its use in this form on the bodies of fowls or chickens, as sulphur or carbolic powder are fully as effectual and less dangerous; but for ridding the hen house of the pests that often infest it, Carbolic acid will be found one of the best agents we have. Use the crystals.

Many of the failures with it are due to a poor article being used, others to the want of thoroughness in its application, and others to the hen houses being so constructed that it is impossible to reach their lurking places.

With a garden syringe, and fine rose, sprinkle the acid on the walls, forcing it well into every crack and corner, and you will find that the lice will disappear. In many houses there are so many cracks and crevices for them to hide in, it is impossible to reach them, and after the fumes of the acid have disappeared they will be found again on the surface in thousands. Three or four applications at intervals of a week would be very likely to exterminate them. The fumes are apparently very disagreeable to, but will not kill them, but they will avoid any place where they are strong.

There is a great deal of useless stuff prepared and sold as carbolic powder; in many cases scarcely enough of the acid being used to give it the smell. This is almost useless for any purpose; but when a proper percentage of acid is used in its manufacture it will be found excellent for use in the nests of sitting hens, and for driving the lice from the bodies of fowls or chicks.

### Whitewash.

Fowl houses, no matter of what material built, require to be whitewashed, and it cannot be done too often. We have tried many ways of mixing the wash, and have found the following simple plan the best:—Put a lump of unslacked lime, of about eight pounds weight, and a pint of salt into a patent pail together, and on them pour boiling water until the pail is about three parts filled; Cover and let stand until the boiling ceases. Should

it threaten to overflow, add cold water; mix to the consistency of cream and it is ready for use. If applied hot it will be more effectual. Force well into all cracks, and leave no part uncovered. Some recommend the addition of Carbolic acid to the wash, but it will be much better to sprinkle this on afterwards at intervals between the applications of whitewash; when mixed together the lime seems to neutralize the odor of the acid.

### Circulars Received.

C. P. Mattocks, 31½ Exchange St., Portland, Maine, U. S.

Salisbury Co., Nyack, New York, U. S.

I. K. Felch, Natick, Mass., U. S.

C. A. Keefer, Sterling, Illinois, U. S.

Geo. Hope, Port Hope, Ont.

John T. Shearer, Troutman Farm, Butler Co., Penn. U. S.

Chas. McLave, New London, Ohio, U. S.

### ADVERTISEMENT.

At the show of the Oakland County (Michigan) Poultry Association, held February last, my fowls were awarded the following premiums:

GAME.—B. B. Red: 1st and special on cockerel, 1st and special on pullet. Spangled: 1st and special on cock, 1st and special on hen. Black: 1st and special on cock, 1st and special on hen. Red Pyle: 1st and special on fowls, and special on cockerel. Blue: 1st on chicks, also 1st for best breeding pen of games of any kind, one male and five females. Golden Duckwing: special on hen.

POLISH.—Silver Spangled (bearded): 1st and special on cock, 1st and special on hen, and 1st and special on chickens. Silver Spangled: 1st and special on chicks. Golden Spangled: special on hen, special on cockerel.

HAMBURG.—Golden Pencilled: 1st on cock, 1st on hen. Silver Pencilled: 1st on chicks. Black: 1st. Spangled, 2nd.

HOUANS.—1st on cock, 1st on hen.

FRIZZLES.—Special on hen, special on pullet.

SLIKES.—1st on chicks.

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Chicks for sale in the Fall.

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