

mite, about one-fiftieth of an inch long. The most favorable circumstances for disseminating the disease are lack of exercise and uncleanness. The disease is characterized by scabs, then running sores, and finally (in bad cases) one or more of the toes may drop off. The disease is highly contagious.

TREATMENT—Absolute cleanliness of cages, coops, or houses. All diseased birds should be isolated, and those badly diseased killed. Fowls should be removed to clean runs, and given as much room as possible. Compel them to scratch for their food. Scabby legs should be soaked in warm water for five minutes, and then rubbed with a stiff brush to break the scabs. Then apply an ointment made of lard 10 parts, sulphur 3 parts, and crystallized carbolic acid 1 part. An application of pure kerosene oil twice per week, after a careful washing with warm water and soap, is very good, and is used perhaps more extensively than any other remedy. If the legs bleed, wrap them up with cloths after applying the ointment. Usually one application will suffice, and a cure will be had in three or four days. Repeat application after three days, if necessary.

FEATHER-PULLING ITCH MITE (*Sarcoptes laevis*, variety *gallinae*)—One of the most common and troublesome diseases of the poultry yard is feather-pulling and an unseasonable shedding of plumage. The real cause of this trouble is a very small mite which gets into the lower part of the quill or root of the feather. These mites often fill up the root entirely, causing the feather to become dry and brittle and break off at the surface of the skin. The shedding of feathers from this cause can always be distinguished from natural moulting by the fact that in this case the feather breaks off. The itching caused by the mites induces the fowls to help each other by pulling out the infested feathers; hence the oft-described affection, "feather-pulling." The disease is highly contagious, and when a bird infested by these mites is introduced into a healthy flock the parasites are soon conveyed to every member of the flock.

TREATMENT—The lard, sulphur, and carbolic ointment, well rubbed in will suffice. "Schleg's solution" may be used with good results. This is composed of white arsenic and potassium carbonate each 1 drachm, 3 pints of water, and 3 pints of vinegar. To prevent

Lice and Mites



Mites and Lice on your poultry. Paint roosts with Lee's Lice Kill. All done. Next morning look, and see all mites and lice lying dead on roost boards. Many customers report finding them in piles a half inch deep where each fowl roosted the night before. Seeing is believing.

Same with hogs. Paint rubbing posts or sprinkle floor of sleeping pen. All done. No more lice, mites or fleas. No handling, no labor. Cheap. Only \$1.00 for a gallon can. Want some?

Lee's Lice Killer makes poultry raising easy and profitable. Lice and mites at the bottom of most of the poultryman's troubles at all seasons of the year. Young chicks will have no lice if the old fowls are free from vermin.

Don't judge the genuine by the imitation. If there were no genuine there would be no imitations. Adopt new methods. Hours spent in dusting and greasing the poultry can be more profitably utilized elsewhere.

TESTIMONIALS.

Dunbarton, Ont., March 14th, 1899.

C. J. Daniels, Esq., Toronto.

Dear Sir.—I beg to acknowledge the receipt of two gallons Lee's Lice Killer, recently ordered from you. As a liquid lice destroyer I consider it superior to all others ever tried by me, and I have used it in California, where they claim that lice never sleep, but I could paint my roosts in the afternoon and could almost give a written guarantee that my fowl would rest well for many nights to come. If properly applied (a very simple matter) it will do the business.

Very truly yours, WILL SECKER.

536 Ontario St., Toronto.

C. J. Daniels.

Dear Sir,—I have tested Lee's Liquid Lice Killer at different times and in different ways and found it as a disinfectant most excellent.

If Lee's is used according to directions it will keep fowls and houses free from lice and mites. The use of Lee's makes poultry keeping much easier, I can therefore most heartily recommend it to all breeders and keepers of fowls. It is a dead shot on all insect life.

A. W. BELL, M.D.

PRICE OF LEE'S LICE KILLER.

FOR POULTRY AND STOCK.

1 quart can.....	\$.35
2 " ".....	.65
4 " ".....	1.00
5 gallon ".....	4.50

CANS FREE.

SOLE GENERAL AGENT FOR ONTARIO, ADDRESS

C. J. Daniels, 221 River St, Toronto

AGENTS WANTED EVERYWHERE.