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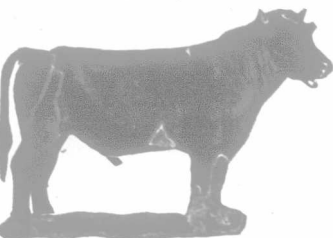
Sensational Offerings—Young bulls of various ages from my best stock. Young cows and heifers of breeding age. My stock bull, Baron's Voucher, imported. This bull is of grand breeding merit and a sure stock-getter. Correspondence solicited. Inspection invited.

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sides, keep them from wasting the food. A narrow strip of wood nailed across the top from end to end of the trough will prevent the hens from walking on the food. A dust box should be provided somewhere in the pen where the sun will reach it during the greater part of the day. Where the floor is covered with several inches of sand the dust box could be dispensed with, as the fowls soon find out how to scratch away the litter and get at it.—Minnesota Experimental Station Bulletin No. 119.

ROUP VERY PREVALENT

Inquiries received from readers indicate that roup is more prevalent this season than usual. Within the last few weeks we have had a large number of letters from readers in all parts of the country, asking what can be done for a disease that is ravaging their flocks. In general, the symptoms given are the same. The head is swollen, the eyes watery and there are discharges at the mouth and nostrils. The breathing becomes obstructed, and if one listens closely a harsh crackling noise is noticed when the bird breathes. As the disease progresses the watery discharges at the nostrils become thicker, and more sticky, causing frequent sneezing to prevent the air passages from becoming completely closed. Frequently the fowl becomes blind from the swelling of the head about the eyes. Writing of roup and the most effective means of combatting an outbreak, A. W. Foley, poultry expert for Alberta, says:

"My observation is that when a flock becomes badly affected with roup the axe is the best cure. It is a nasty, disagreeable disease to work with, and when it is severe a cure is seldom effected. While birds may be apparently cured, the disease will often break out again when the weather becomes damp or cold and drafty. Another and worse feature is that the offspring will nearly always be subject to the disease. Unless the birds have roup in a mild form, or they are especially valuable birds, I would advise killing them."

The best way to handle the disease is at once remove the diseased birds. Kill them and burn the bodies; then disinfect the house. Thoroughly sprinkle or wash the walls of the building and the ground frequented by diseased birds with carbolic acid water (7 ounces of carbolic acid to a gallon of water). Wash feeding troughs, water dishes, etc., with the same solution. Keep the house as dry as possible and avoid drafts.

If treatment is attempted, dip the heads of diseased birds in a five per cent. solution of permanganate, or with a bulb syringe force the liquid out the nostril through the roof of the mouth. This should be repeated every day or so until a cure is effected. In general, however, doctoring fowls does not pay. As a rule, the axe and thorough disinfection of the premises are the best means of handling an outbreak of roup.



HORTICULTURE

IMPROVING SCHOOL GROUNDS

The condition of rural school grounds and surroundings is commonly discussed. In general, there is little about of which those in charge should feel proud. Trees and flowers are wanting and there is little to attract pupils or instil into them a desire to be present every day. This question was dealt with by H.N. Thompson at the Manitoba horticultural convention last winter as follows:

A mention of the improvement of country school grounds suggests at once that the country school is not what it should be, that there is something wrong, that this wrong can be pointed out and a remedy supplied. First let us see a few schools yards just as they are. A building 20 x 36 is

Act Directly On the Liver

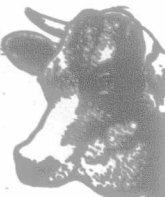
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Mr. R. H. McDermott, Edmonton, Alta., writes Nov. 19th, 1907: "I used your ABSORBINE on a bog spavin on my two-year old colt and have cleared it off."

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