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Oregon which is an indication that it is not without its good points.

We are very thankful that the appendix has been appended to this valuable work. It is especially useful for reference purposes giving as it does a bibliography of Direct Legislation and a summary of the vote cast upon Initiative and Referendum measures in Oregon. There are other useful things in the appendix but these are worthy of special note. Professor Barnett is to be complimented upon the thoroughness which marks his work on "The operation of the Initiative, Referendum and Recall in Oregon." Blessed are those who read it for they shall acquire much useful knowledge in a pleasant way. Any readers desiring a copy of this book can obtain same for \$2.00 postpaid, from the Book Department, Grain Growers' Guide, Winnipeg.

Your Questions Answered

This department is not confined to legal enquiries. The Guide is in a position to obtain information from experts along any particular line of farm work. Questions on livestock, field crops, dairying, farm engineering, etc., in addition to legal queries will be welcomed and promptly answered. Only veterinary queries cannot be answered, since we lack from experience that we have not space available to accommodate them. Questions which do not bear the name and address of the enquirer cannot be answered. But every paid up subscriber should consider this department one created to serve, and should make use of it whenever and important question of farm work requires settlement.

TUBERCULOSIS IN POULTRY

Editor, Guide:—I have a very fine lot of Barred Rock chickens, and am having a lot of trouble with sickness among them. They seem to get diarrhoea and die. I take great care in keeping a clean coop, feed them regularly good wheat, have lots of sand and slaked lime for them, get them dry. Can you give me some advice?—E.M.K. Sask.

Answer:—The symptoms of the disease in your subscriber's chickens, as he describes them, are hardly sufficient to enable a person to make a diagnosis of the case, but am inclined to think that the disease is tuberculosis. Symptoms: Lame flesh, pale comb, diarrhoea, later on lame. Death may follow in few weeks. Post mortem examination: Spots on liver, also sometimes on intestines. If such be the case, the poultry house should be thoroughly cleaned out. Remove all the old earth and put in new if earth floors are used. The house should be whitewashed, adding 5 per cent. carbolic acid or Zenoleum. Drinking pails and feed troughs should be thoroughly cleaned and everything in and around the poultry house should be absolutely clean. Dig up the ground around the poultry house and apply air-slaked lime and sow with oats or wheat if possible. Use an abundance of air slaked lime below the roosts and on the floors. Follow cleanliness in all details. Kill off and burn all affected birds. Feed the entire flock one pound of Epsom Salts dissolved in hot water and mixed in a bran mash once a week to every hen for a month or so. It is difficult to stamp out the disease entirely, as it is likely to recur from time to time.

The reason for the disease appearing is usually unsanitary conditions, lack of proper care and management, poorly lighted and ventilated poultry houses, and a general lack of vigor and vitality in the stock. If the stock lacks strong, vigorous constitution, adverse conditions such as improper feeding and improper care will affect the stock much quicker than where the stock is strong and healthy. This does not mean that proper care and attention is not necessary for strong, vigorous flocks.—M. C. BERNER, Professor of Poultry Husbandry, Manitoba Agricultural College.

"DAMPING OFF" VEGETABLES

Editor, Guide:—Could you kindly tell me, then the medium of your paper, what is the matter with cabbages, sprouts and kale. I have them all together in one box ready for transplanting. When they were about one inch high they seemed to be all leaning in one direction and when I turned them round some of them withered off close to the surface of the soil. I have been giving them soup water would that do any harm?—J. READER Sask.

Answer:—The probability is the small cabbage, sprouts and kale plants have been growing too far from the light. There is a tendency with young plants, when grown too far from the light, to turn towards the light. In growing young plants it is well to have the plants exposed if possible to a fairly strong light in order to get a strong, vigorous growth. The fact that some of the plants have died would tend to indicate that the "damping

Warning!

The public are hereby warned against substitutes being offered for sale for "SUREDETH" Gopher Poison.

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