

The Hen in Winter

ENS need some green food in winter if they are to lay well:
Mangals, carrots and cabbage are good. Hang them up so that the hens can just reach them nicely. Sprouted oats are also good. Alfalfa and clover leaves and lawn clippings, carefully dried, can be soaked up and feed to good advantage.

red to good advantage.

The hen should be given exercise in the whater. One way to furnish some exercise is to feed such grain as corn, exercise in the feed such grain as corn, wheat and bariey in litter. Cover the shoor with straw six inches deep and scatter the grain feed in it. The staw should be changed frequently, as it must be remembered that it will soon become solide from the droppings been the birds. Some of the poultry Theman are spread through the drop.

In the summer, when the hens lay well, they have bugs, worms, grass-hoppers and other line on. In the win-ter they need something to take the place of this kind of food. Out fresh bone is very good, Haft, and been supplies all she need this food. High-grade beef seeing be good and is in a very convenient.

Fresh air and the provided of the property of the poultry bouse. Without vanishation the poultry bouse. Without was the poultry bouse is a thing of none sankary. Circkens in a thing of none are more liable to colds and roup than in a dry bouse. One of the best ways to vestilate in winter is by having an opening covered with meelin. An opening on the south side, two by three feet for each eight or 10 feet of bength eight or 10 feet of bouse. A good way is to put the wissian on a frame, which can be on warm days to allow more aft to enter.

—N. D. A. O. allow more aft to enter.

The Science of Feeding
By Michael K. Boyer.

THE feeding of fowls has become as much a selence as has the feeding of dairy or beef cattle. Poultrymen have their balanced rations for their fowls. They feed especially for egg production, growth and fattening purposes. The farmer too often feeds for convenience, and relies on corn to produce all the above regularements, hence the poor results on many farms. "Wairley is the spice of life" in the poultry yard, as well as with humans.

In buying feed, remember that white middlings is better than brown, that white costs is to be preferred to the better, that coarse is to be the control of the beach, that coarse is the better than fine, that hulled costs is better than oats with the hulls on, that white cown is not so fattening as the yellow wartety, and that Kaffir corn is an excellent grain, and should be more extendingly feed.

Badd a positryman some years agoand we have learned the same fact by apperlemenc—and it is worth represting here: A good deal has been said about the value of scalded mashes, and I am eas of those who have used them during the winter. I have fondly imagined that they are better than those which are simply mixed warm. I asked a chemist about this the other day. He is a man who has given much attession to a closely-allied subject, and he nearly knocked me off my pina which is a subject of the control of the man and the subject of the control of the warmed, or sustreed cold. Feed For Hard-Shell Eggs

HIE feeding of hens for the production of bardshelled eggs, not
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and rough handling incident to ordincity shipment as a weak one.
Chemical analyses show that the

shell of the egg is largely carbonate of lime, but that it also contains carbonate of magnesia, mineral phosphate and some organic matter. If strong shells are to be produced, the mineral elements must not be lack-ing. Grains that are ordinarily fed do not contain these mineral elements in sufficient proportions. an additional and separate supply is necessary. Fortunately, these mineral elements are available in cheaper forms than in grains. Lime is the principal ingredient of oyster shells, which may be procured for about \$12 a ton. Iron, magnesia and often phosphorus in many kinds of artificial grit, may be procured for about the same price, while these elements in grain would cost at least double these figures.

GOUDIC these ligures.

Bone meal contains phosphorus in appreciable amounts, besides lime, mannesis, etc., and while expensive, it is effective in giving the shell an even-adds much to be strength. It is, therefore, often used as an ingredient for dry meabes for laying flocks, usually in amount warying from three to five per cent.

to five per cent.

Eggs that won't break give the poultryman greater profits than eggs that will. Make your hens lay the non-breakable kind

Lennox and Addington's Flourishing Poultry Trade

We hundred thousand dollars worth of dressed positry from one county in six months: That is the county in six months: That is the defended upon the poultry seed that the county of the county from the word of the positry seed that the destrict representative. In his report of the positry activities, of the people of this county he says: "

and the same of th

In addition to the positry market in Napaneo on turky days, buyers have been buying at Markank, Tamworth, Enterprise, Newburch, Bath, and Amberst Island alf fall, and a condinual stream of poultry has been soing out of this country since September. I think that it is quite reasonable to estimate that since June 1, 1976, to the end of December, 1916, that over \$100.000 worth of dressed poultry has been marketed in Lennox and Addington County."



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Under the Auspices of

The Social Service Council

OF CANADA, In the Interests of

The Social Awakening in Canada

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"Women in Politics and Industry," "The Patronage System," "Graft,"
"Social Reconstruction After the War," "Race Track Gambling," "Prohibition," etc.

Other speakers are: Hon. W. H. Hearst, Sir Geo. Foster, N. W. Rowell, E. G. Drury, Dr. J. A. Macdonald.