



Main Laying House

up into the straw loft, enlarged ventilators were placed through the roof and cotton intakes provided, making the old house into a full cotton front, straw loft type of poultry house.

During the years from 1925 to 1934 experimental work along feeding lines received considerable attention. A few of the projects are here briefly stated.

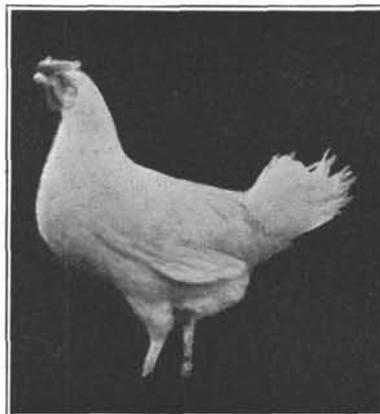
Cod Liver Oil for Laying Hens

The addition of one per cent cod liver oil to a standard laying ration resulted in an increase of 6 per cent in egg production, 14 per cent in fertility, 19 per cent in hatchability and reduced mortality 1.1 per cent. The grain ration consisted of a mixture of two parts wheat, one part corn and one-half part each of barley and oats fed in a deep litter of straw twice daily. A mash made up of the same grain mixture ground plus 20 per cent meal, 2 per cent charcoal, .5 per cent salt, with 1 per cent cod liver oil, was placed in open feed hoppers and kept before the birds at all times. Grit and oyster shell were also available at all times.

Later trials indicated that Burbot fish oil, which is produced in limited amounts in northern Minnesota, is equal to cod liver oil as an antirachitic addition to the poultry ration for laying hens and chicks.

Grain Rations for Egg Production

The comparative value of common grains for laying hens was given attention in two trials each extending over a 365-day period. Grain combinations consisted of equal parts by weight of wheat and barley, wheat and oats, wheat and corn, barley and corn, barley and oats, and corn and oats. All pens were fed one-third of their daily allowance of scratch grain at 6 a.m., and two-thirds one hour before sundown. A dry mash, consisting of equal parts of the two grains used in the mixture, ground, plus protein supplements was available in open hoppers at all times. A moist mash made up of the dry mash mixture to which sufficient milk was added to moisten was fed daily at noon. Grit and oyster shell were also before the birds at all times.



*Our All-Time Record Hen
321 Eggs—1 Year*

