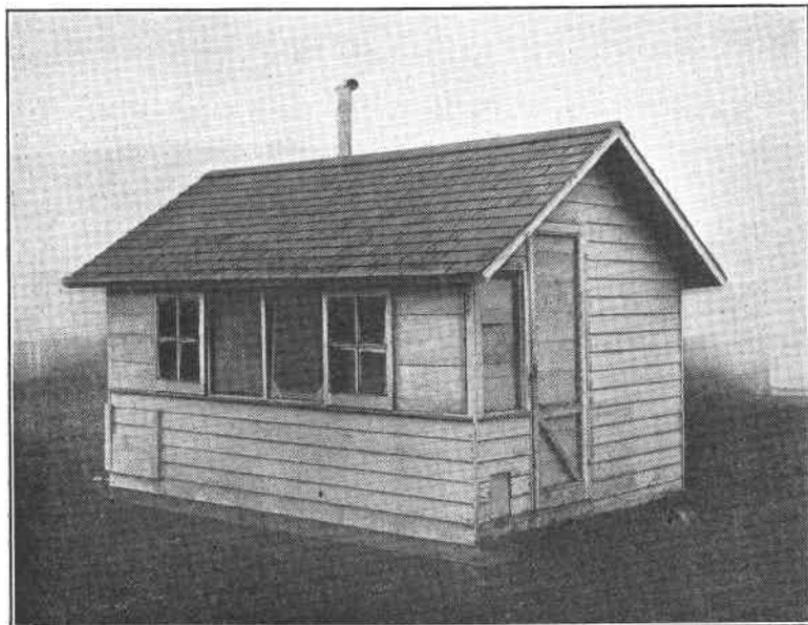

Oregon Agricultural College
Experiment Station

How to Convert the O. A. C.
Portable Colony House
into a Brooder House

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The O. A. C. Portable Colony House used as a Brooding House.

How to Convert the O.A.C. Portable Colony House into a Brooder House

It is now a recognized fact that clean ground is essential in the production of healthy, vigorous chicks. It has been found that a number of disease-producing organisms live in the soil for one or more years and that chicks running over such contaminated ground are quite likely to contract disease. It is therefore essential that clean ground be provided for the baby chicks and young growing stock.

The O. A. C. Portable Colony House, the plan and description of which appears in Experiment Station Circular 52, may easily be converted into a brooder house which will successfully care for from 300 to 350 chicks.

The colony house is built on runners so that it is easily moved from place to place and answers the requirement for clean ground.

Necessary changes. In converting the colony house into a brooder house three factors should be kept in mind: good ventilation, warmth, and light.

The space between the two center studs is left open, but as a protection against wind and storms it is advisable to provide either a curtain that will roll up from the bottom on the outside of the house, or muslin-covered frames as shown in the illustrations. If frames are used, they should be so arranged as to fit into the openings between the studding on the inside of the house. The frames should also be arranged so that they may be opened in from the top to give the desired amount of fresh air and at the same time keep the cold air from falling directly on the chicks.

Two windows (4—10" x 12" glass) cover the openings on either side of the curtain. The windows are screwed to the studding on the outside of the house. These windows will furnish ample light during the first few days, after which the curtain or muslin frames will be removed during the day time, giving additional light.

The two spaces at either end of the colony house and the openings in the door and end of the house are all boarded up. For this purpose common box shooks are used.