



FIGURE 1

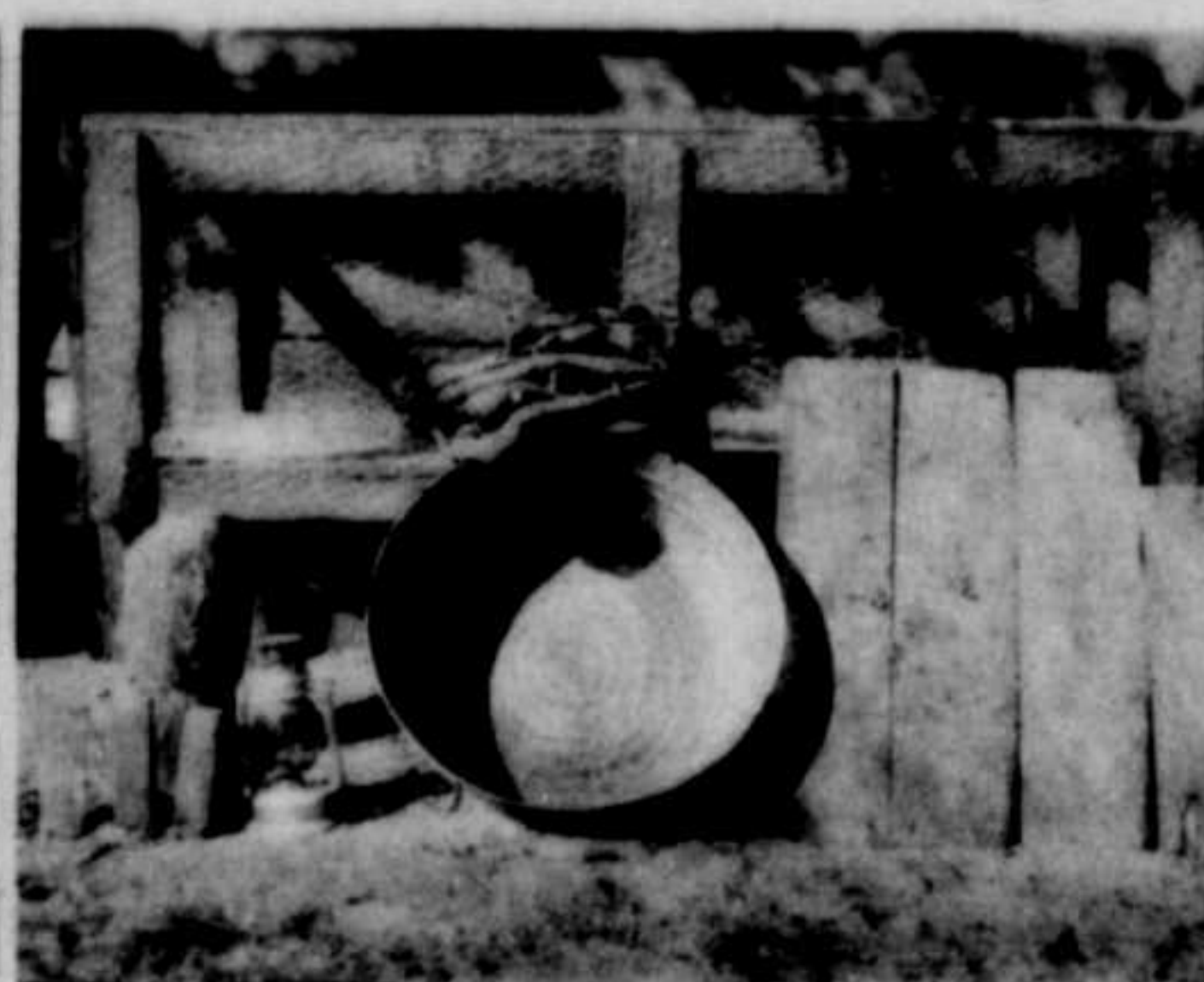


FIGURE 2

Cheap Brooder Planned For Fifty Chicks

Poultry Specialist Advises Inexpensive Home-Made Outfit for Small Number of Chicks

A simple, inexpensive, home-made brooder to care for 25 to 50 chicks with a minimum of trouble and mortality is suggested by P. H. Gooding, extension poultry specialist at Clemson College.

Demonstrations conducted with the home made outfits indicate this is a most successful method of brooding a small number of chicks with little labor in caring for them.

Essential Materials

- 1—A 3x6-foot frame, 2 feet high, built of light material, 1x3 inch planks.
- 2—Enough one-half inch mesh wire to go around sides and top.
- 3—A piece of three-fourths inch mesh wire 3x6 feet for the bottom of the cage.
- 4—An old No. 3 tin tub with a hole in the bottom.
- 5—A kerosene lantern.
- 6—Three bricks.

7—Three or four wide boards about two feet long to cover the bottom of the cage just beneath the tub.

8—Enough old crocus bags or old quilts to cover the tub and close up most of the space between the bottom of the tub and floor of the brooding cage.

A 3x6 foot cage is constructed as shown in Figure 1. The bottom is made from three-fourths inch mesh hardware cloth so droppings will fall through easily. Sides and top are made from one-half inch mesh wire. If one-inch mesh wire is used, it will be necessary to put a 1x6 inch board around the bottom of the cage the first few days to prevent the smaller chicks from getting out.

Lantern On Nails

The 1x6 inch planks, shown in Figure 2, are placed in one end of the brooder. Three nails are placed in the center board with one of the nails bent in such a way the lantern can be placed against two of the nails and the third one twisted around to hold the lantern in place. Newspapers placed over the boards keep them clean. These will also help keep the chicks warm and may be removed daily. The three bricks are placed so the tub will rest on them, leaving an opening at the front.

The tub must have a small hole in it to let out fumes from the lantern. Crocus bags tucked around the back, sides, and over the top of the tub hold the heat in.

When a good or new lantern is used and the wick trimmed each day, there is no more danger of fire than in using any other type oil brooder. If electricity is available, Gooding suggests a 40-watt bulb instead of a lantern. If weather is extremely cold and the chicks are young, a larger bulb will be necessary.

The brooder may be located in any convenient place protected from wind and rain.

Watch At Start

The brooder should be observed closely the first day or two to see if the chicks are comfortable and to learn how to adjust the lantern and bags around the tub to keep the right tem-

perature. If a sufficient opening is left where the feed hoppers and water fountains are, and the chicks are going in and out, it is apparent the temperature is favorable.

If the chicks hover under the tub and chirp, it is an indication they are cold.

A good practice is to remove the tub about 4 p. m., replace soiled papers with new ones, trim the wick, refill the lantern and replace it.

If a brooder thermometer is available, it would be wise to check the brooder temperature before placing the chicks in it. This can be done by lighting the lantern and placing the thermometer under the edge of the tub about two inches above the floor of the brooder. Enough sacks can then be placed over the tub and around the sides to bring the temperature to 95 to 100 degrees, depending on the age of the chicks and the outside temperature.

Poultry Council Now Functioning

The Northeastern Poultry Producers Council is now functioning in behalf of the producers of poultry. The Council consists of six delegates from each of 13 states. Three delegates from each state are practical poultrymen engaged in some phase of the poultry industry; one delegate represents the regulatory and control officials within the state, such as the Division of Markets in Virginia; one delegate represents the sustaining membership in each state; another represents educational institutions and agencies within each state.

Objectives of the Council are:

- 1—To co-ordinate and correlate efforts of all poultry producing and producers marketing organizations comprising the northeastern states, to co-operate with the Federal government and the various agencies, institutions and organizations within the respective states as to matters relating to the promotion and protection of the poultry industry of the Northeastern area as a whole.
- 2—To perfect an organization which can speak with authority and reliability in the interests of the poultry industry in all its phases as it may be developed in this section of the United States.

3—To more effectively represent the Northeastern section of the country in National Poultry Affairs.

4—To develop ways and means of promoting a safe and logical growth of poultry keeping upon a high quality basis of standardization of grades and uniform terminology within the area covered by the council.

5—To enhance the safety of the poultry industry in this group of states for the future.

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