

among the litter will not fill it. Where a projection is placed over the water pan an ordinary milk pan can be used. It is always best to place the water pan near the door so it can be conveniently refilled.

Size of Pens.—The size of the pen should be made to suit individual conditions. On the ordinary farm, where unlimited range is given, pens can be made larger than where the range is limited. No definite figures can be given, but flocks have been successfully kept in pens of anywhere from 25 to 100 birds. The smaller the pen, the more expense for equipment and labour. The larger the pen, the more cheaply it can be made and looked after. On the other hand, it is a safe rule to go by, that the larger the flock, the smaller the individual egg yield.

VENTILATION

The various systems used in ventilating stables and other buildings have been tried again and again in connection with poultry houses. So-called ventilators have never given the best results. The trouble seems to be that where artificial ventilation is introduced, the evil effects overcome the good. The system most generally used for changing the air in the poultry house is by means of the straw loft, the window or the cotton front.



IDEAL VENTILATION.

The ventilation of the house can be arranged by the curtain front, or a window which will open, and a straw loft with an opening under the gables or through the roof. In the cut the arrows illustrate the movement of the air. They show that there is no dead air space, as is the case when the house is not sufficiently ventilated.

it should be practically tight on three sides. The window or the door can be opened and the air in the house changed without affecting the poultry. To assist in ventilation, the straw loft is often used. Poles, wire fence material, or anything that can be stretched along the ceiling and be sufficiently strong to support a few feet of straw in the attic, is all that is required. The straw will absorb the moisture from the atmosphere of the house, thereby keeping it dry. Through the straw a little fresh air may be allowed to circulate from an opening at one end under the gable, or there may be an opening at both ends if the straw be thick enough. When the poultry is situated in part of a building used for other purposes, the straw used for feeding or bedding purposes will benefit the poultry if stored over them. Never; in such a case, have a tight ceiling. There must be sufficient space