

**POINTERS ABOUT POULTRY HOUSES;
WARMTH AND DRYNESS ESSENTIAL**

Double Boarding One Way of Keeping Frost Out—Tarring Method for Single-Wall Houses—Location an Important Item

By the Poultry Editor

THE size of poultry houses for the fancier on a small scale was considered last week and the summary of opinion was that from four to six square feet should be allowed for each bird. This, of course, applies strictly to the house. For the run from five to ten square feet should be allowed each bird as a minimum, and as much more as the area of the backyard or the place will make possible. The beginner should be cautioned about crowding his quarters. He may think that a few more fowl will not make any great difference, but they will make all the difference in the world of poultry, that between thrifty, laying, profitable flocks even though small and puny non-laying fowl.



CONVENIENT FOR FOWL
This shingled house follows open-front principle, which insures hardy birds.

There are other considerations in connection with the henhouse. One of these is location. Wherever possible the building should be located on ground a bit higher than that immediately surrounding it. It is possible to fill in on a small scale if necessary, and if this is done a couple of tons of sand may be mixed with the dirt. In the case of a city yard the drainage will be all right just as the yard stands in the average house lot, but in suburban places due precaution should be taken. Never put a poultry house in a hollow. This means dampness, and dampness is a foe to healthy fowl. Roup and like diseases are always present when the winter quarters are damp. It is a matter of common sense that the poultry house should be located and constructed to avoid disease conditions. An ounce of prevention is worth many pounds of cure, for sick chickens seldom get entirely well. The fowl should be given every comfort, for comfort means contentment and contentment means eggs.

First requisites of comfort are dryness and warmth. So before sawing a board or driving a nail the plans should be carefully made. The construction should be such that the birds will at all times be protected from drafts, especially when on the roof at night. Cold air in drafts is a menace to the safety of the flock. There are numerous plans for building a poultry house so that it can be kept comfortable without resorting to artificial heat. To insure warmth in winter the house should be a double-walled house.



THIS HENHOUSE IS SIMPLE
The arrangement shown is easily constructed and can be made movable. The ample door provides easy access for cleaning.

is sometimes used. That is, the house is boarded up both outside and inside, and straw or leaves or similar filling material is packed in between, stuffing the air space. Some poultrymen say that the air spaces do no harm and therefore do not use the stuffing. It is not necessary, however, to have a double wall to prevent the entry of frost. An inexpensive and at the same time warm house with single wall is made by using matched boards for sides and roof and covering all the outside woodwork with prepared roofing paper. Sometimes the walls and roof are covered with heavy tar and a little coarse sand or gravel sprinkled on the roof. A house of this type is wind and water-proof and will endure a long time with an occasional recasting of tar, say every two years. In case an old shed or building on the premises is used for a henhouse it should by all means have the cracks covered with paper and then the entire structure should be tarred.

Shingling is also used to ensure warmth for the chicken house. It is excellent for a single wall poultry house.

Economic Diets
The price of grains this fall is causing many Philadelphians to cull their poultry great deal closer than usual or to plan only a restricted number of fowls.
The culling is a good thing, but the decrease in the total number kept is a mistake. There never was a time when poultry offered a better source of income, whether same was merely pin money or the source of the living.
With all grains high, the thing to do is to feed less grain and more dry mash. To feed everything in the way of waste vegetables, like small potatoes, turnips, pumpkins, etc., boil them, with a very little salt, mash and thicken with a mixture of equal parts bran, cornmeal, middlings and ground oats, adding ten per cent gluten meal, if possible and not omitting ten per cent of the living.

good beef scrap. (Feed a good beef scrap, no matter what the price goes to.)
This mixture makes a good wet mash or warm mash without the vegetables, mixed with either hot water or hot skim milk.
Cabbage must be fed with great discretion. Feed heavily, you have a miserably watery table egg and a poor hatching egg next spring.
A direct substitute for high-priced whole wheat, and a good one, is barley. Oats soaked in cold water twenty-four hours or more and then boiled until fairly dry equals wheat as an egg producer or egg basket filler. These must be fed, though, on a clean board or in a trough.
Kiln-dried bakery bread in sacks is nowadays available at many places and is a good, cheap poultry food.

Helpful Hen Hints
The hen that is warm and busy is in the best laying trim in cold weather.
Do not allow chickens of different sizes and ages to use the same coop or same yard, but house and feed them separately if you want the younger to make good growth.
Fresh, crisp, succulent green feed is the secret of success in egg production.
Feather-pulling may crop out with either young or old fowls, and it is a very serious trouble. The writer has seen several flocks of brooder chicks and old fowls which have been almost denuded of feathers because their comrades pulled out and ate the pin feathers as fast as they appeared. In fact, when this vice once becomes established they will even go so far as to pick holes in one another.
The picking is a kindred evil, but it is confined to the baby chicks in the brooder. The skin of their feet and toes is very soft and tender, and when a toe becomes injured and a blood clot forms the other chicks pick at it.
Both of the troubles mentioned arise from the same cause—lack of meat and ash in the ration. It is not normal for fowls to do these things and they will never do them if they have free access to good meat scraps, or, in the case of young chicks, receive some fine meat crisps several times a week at least.
Next Wednesday: Ventilating the Chicken House.)

HELD CITY JOBS 20 YEARS; QUILTS
George T. Smith Resigns Chief Clerkship of Taxes Revision Board

George Taylor Smith, who has held the position of chief clerk of the Board of Revision of Taxes since July 1, 1914, resigned today, giving ill health as his reason for quitting the \$2800 position.

His resignation becomes effective January 1, at which time he will have completed more than twenty years' continuous service in various of the municipal departments.

Mr. Smith has been active in Republican politics in the Fifteenth Ward for many years and it is understood that his successor, when named, will be a follower of Senator McNichol. The vacancy will be filled by the members of the Board of Revision of Taxes.

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MANY PHILADELPHIA FIRMS SHOW INTEREST IN NEW SHIPPING LINE

Concerns Not Affiliated With Commerce Chamber Ask Freight Rates to South America

SLOW QUOTATION RAPPED

More than twenty-five Philadelphia firms not connected with the Chamber of Commerce have inquired from the Chamber as to freight rates by the new Philadelphia-South American line since public attention was called to the attempts by British interests to strangle the line through underhand cutting of freight rates.

When asked what action the Chamber of Commerce was going to take to bring to the attention of President Wilson, under Section twenty-six of the act to establish a United States Shipping Board, the unfair practices pursued by alien interests, the officers of the Chamber said they were not prepared yet to take any action until they should have a consultation with Mr. Wright, the representative of the steamship line. Mr. Wright is expected in Philadelphia today.

According to F. N. Poe, head of the bureau of foreign and domestic commerce of the Chamber of Commerce, the management of the new steamship line is not blameless in the matter. Many merchants, he says, who applied for rates have not received any attention whatever, and it is impossible to get rates quoted from South American ports to Philadelphia.

From another source it was learned that the possible reason for this is that the steamship management has arranged to load the vessel at some South American port with iron ore, which will be brought to New York and unloaded there.

THIEF SUSPECT ARRESTED
Police Say Man Has Confessed to Many Robberies

NORRISTOWN, Pa., Nov. 1.—Bert Taylor was arrested last night at Coakshooken, in connection with robberies in which jewelry and money to the value of several thousand dollars were taken. After his arrest he confessed from the police station and was captured only after Frank Harvey, wire chief of the telephone company, was notified. Harvey captured Taylor as he was leaving.

Among the many robberies to which Taylor is said to have confessed was that of the home of T. V. Smith on West Main street, where jewelry valued at \$1000 was taken.

"FATHER INJECTED BAD BLOOD IN MY VEINS," SAYS SLAYER

Youth Confesses He Planned Murder of Parent

EASTON, Md., Nov. 1.—Bryan Langsdale, the youth accused of shooting and killing his father yesterday afternoon, has confessed the shooting to State's Attorney Charles J. Bettler. He said:

"I had been thinking over killing my father for a day or two. It was a question whether I would commit suicide or take my father's life. I had placed some arsenic in the stable and I went to the barn in the morning to take it, but I changed my mind after I had reached the barn. I decided then I would go back to the house and take father's life. I went to the room back of the office and waited until father came into the office. When he came in I went to the door between the two rooms and when father's back was turned I fired."

He further said, "Father injected bad blood into my veins and made me a bad man. I had a spell of insanity last spring." A jury of inquest, with Mayor M. B. Nichols as foreman, will meet in the court-house today.

Deputy Tax Collector Dies

Francis B. Stallman, deputy collector of delinquent taxes in the Twenty-second Ward for the last twenty-six years, died yesterday at his home, 20 East Clapier street, Germantown, after an illness of more than a year. Funeral services will be conducted at home at 2 o'clock Saturday afternoon and interment will be made in St. Thomas's Cemetery, Wittenburg.

Mr. Stallman, who was appointed to the tax office in April, 1890, by Captain John Taylor, former Receiver of Taxes, was active in Republican politics in the Twenty-second Ward for many years. He is survived by his widow and two daughters.

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