

SUITABLE HOUSE FOR
FARM POULTRY FLOCKVentilation is Essential to Health
of Fowls.Shutter Should Be So Constructed
That These Will Be No Draft in
Cold Weather—Glass Front Is
Quite Helpful.(Prepared by the United States Depart-
ment of Agriculture.)

The back and sides of the poultry house should be absolutely tight in order to prevent drafts which may cause colds in the flock. This leaves only the front of the house of muslin construction or entirely open. An opening which can be closed by a shutter may be used to advantage in the rear wall of a poultry house in the South, or in growing houses in all parts of this country, but this should

An Open-Front Poultry House Keeps
Hens Healthy.

be constructed so that there will be no draft in cold weather. The front of the house should be so high that the windows or openings will allow the sun to shine well back into the interior during the winter. Burlap, unbleached muslin, or light-weight duck cloth may be used for curtains in the front. This cloth should be thin enough to allow a slow circulation of air without a draft. This is impossible if too heavy a grade of duck cloth is used or if the cloth is oiled or painted.

A large amount of glass in the front of the house makes it warm during the day but cold at night, as glass radiates heat very rapidly. Some glass, however, is helpful in providing light when the curtains are closed. Some ventilation should be given in a poultry house even in the coldest night. It is usually best secured by leaving a small window open or having muslin curtains in the front of the house. If the house is shut up tightly without any muslin curtains in the front there is a tendency for moisture to collect in the house and condense on the rafters and other woodwork on frosty mornings. It is not necessary to close the muslin curtains in the front of the house except in very cold or stormy weather. Hens are protected by nature with warm feathers and a high body temperature so that they are better able to withstand dry, cold air than warmer air which is damp.

MONEY MADE WITH CHICKENS

Poultry Clubs Organized by Depart-
ment of Agriculture Are Popular
in North and South.(Prepared by the United States Depart-
ment of Agriculture.)

Old Madam Hen is proving a veritable fairy godmother to many girls in supplying them with money for comforts and luxuries. Poultry clubs organized by the department of agriculture and the state colleges are popular with the girls in both the North and the South. Even small girls who carefully follow directions and poultry a source of profit. Grace Butler is a fourteen-year-old club girl in Logan county, Okla. Last year she sold 150 birds for \$147.25. During the year \$125 worth of eggs were sold and she still has 200 chickens—worth as many dollars. A flock of purebred Plymouth Rocks of her own raising provided the eggs and two incubators hatched them.

OLD MEMBERS REJOIN CLUBS

Boys in Florida Buying Good Stock
and Willing to Borrow Money to
Pay for It.(Prepared by the United States Depart-
ment of Agriculture.)

Good work accomplished by the boys' clubs of De Soto county, Fla., last year encouraged practically all of the old members and many other boys to join the clubs this year. There are now in the county 51 members in the pig club, 24 in the corn club and six in the cane club. In Marion county the county agent recently placed 53 pigs with club members. The boys are buying good stock, he reports, and are willing to borrow the money to pay for it if necessary. In Walton county both the corn and pig club work are growing, there being 50 new members in them.

PRODUCT OF SMALL FLOCKS

Annual Average Is Commonly Ex-
pected at Ten Eggs per
Hen if Given Care.(Prepared by the United States Depart-
ment of Agriculture.)

The ordinary average annual production of small flocks of hens given good care is commonly estimated at ten dozen eggs per hen. Two ordinary hens for each member of the family will supply about 20 per cent more eggs than the average city family consumes.

HAD LOTS OF FUN

Mr. Goslington's Experience That
of Many OthersWho Wouldn't Feel Pleasure in Hav-
ing to Secure Larger Safe-Deposit
Box for Liberty Bonds and
Other Valuables?

"I never would have thought it," said Mr. Goslington, "but I've had to get a bigger safe-deposit box."

"Before the great war I had a modest check account, and a little fund stowed away in a savings bank for emergencies, but no safe-deposit box, large or small. I had no use for one, I had no stocks or bonds to keep in one; but when the war came and we all began buying Liberty bonds it was different. I didn't want to keep even the little bonds that represented my initial investment lying around in a bureau drawer or stored away in a trunk, so I rented a safe-deposit box. I had often read the advertisements of the safe-deposit companies telling of how little you could get a box for, and from that on up, pleasant reading always, suggestive of wealth and coupon cutting, and that sort of thing, and now the time had come when I needed a box myself; and it was a very pleasant reflection. I guess you know the size box I took."

"Still, I thought that box would be plenty big enough for me. I hadn't many bonds to put in, you understand; but, do you know, as soon as I got the box I found that I had some other things that really belonged in it: insurance policies and some other papers and documents that were of value to me for financial or other reasons; and so while the bonds didn't begin to take all the room I soon found that my little box was packed so that I had to crowd the cover down to get it to close."

"And I will admit that the safe-deposit experience was a lot of fun to me. It was a real pleasure to me to have my box politely hauled out for me from its deep pigeon hole in the safe-deposit vault; and it was a pleasure to be shown to a cubby hole with a door that I could close, and where I found a desk and pens and ink and paper and shears and coupon envelopes and so on; it was a pleasure to be a safe-deposit customer, and I certainly did smile when I used those shears for the first time, cutting off coupons."

"Then the time came when, as I bought more bonds, and what with the other stuff in it, the box was so full that they had hard work to crowd it into its pigeon hole and hard work to pull it out, and then I simply had to buy a bigger box, and that was fun, too."

"Of course, you know I did not now buy a large safe, or a room with shelves around to store my bonds on; nor did I have to hire a scissors sharpener to keep my coupon shears sharp so that my clerks would not be delayed in cutting the coupons. I may come to that, why not? Stranger things than that have happened to other people, and I don't know why they might not happen to me. But meanwhile it was a satisfaction to me to reflect that I had at least outgrown the little box, even though for the time being I might be able to get along nicely with one just the next size bigger."—New York Sun.

Jazz

Those of us who have fancied that our "jazz" originated in Uganda or among the Igorrotes are, according to the latest news, quite wrong. Le Matin of Paris maintains that the jazz band idea originated in Paris 120 years ago. "In those days as well as now," it says, "people did not know what to do to amuse themselves; so they made a noise. Those who had a great taste for noise went to the concerts of the cat orchestra. There were 20 cats with their heads in a row on the keyboard of a harpsichord. The performers by striking the keys worked a device which pulled the cats' tails, causing a caterwauling which—" Le Matin feels would leave us Americans little musically to desire. Is this an attempt to discredit us at the peace conference?—The Review.

Tribute to the Lilac.

The lilac has no place in mortuary annals of man. It is not a flower for the graveyard. It is a flower for the freshening of thought, the lightening of life and the creation of the ideals of living. It is the flower of all others that belongs to the home and to the heart and to the years that are to be. Happy the wall where the lilac blooms! Happy the window through which is wafted the lilac fragrance! Brief the period of the flowering of this bloom of all others in the liking of all who love that which is old-fashioned and that is ever new.—Baltimore American.

Aerial Motorcycle.

A machine which may be used as a motorcycle on the road, or as an airplane in the air is the invention of a Swiss engineer. Fitted with a 30-horsepower engine, a flying wheel of 56 miles per hour is attained, while immediately the machine touches the ground an automatic arrangement stops the propeller, enabling the machine to run as a motorcycle at a speed of 30 miles an hour. The stretched wings collapse when not in use in the air, so that the machine may be used upon an ordinary road.

The Observer's Business Guide

All enclosed in a very neat folio will be given away each week by The Observer for its advertisers in this Guide.

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Nine letters have been purposely omitted from the advertisements on this page. The nine letters spell "Pendleton" when correctly arranged. Find the missing letters, write down the names of the advertisements where the letters were omitted, and mail your answer to the Guide Contest Manager, care The Observer. Neatness, originality, and correctness will count.

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