Quick Ending Put to Plague Danger QUALITY IN HENS

Rigid Selection Matter of Much Moment.

MAKES FOR PROFIT

It is possible to select and breed Leghorns to increase body weight, weight of eggs, and number of eggs produced, without sacrificing any of these increases to bring about any of the others, says the Cornell university experiment station in a bulletin recently published.

recently published. While it is said to be a normal tend, ency for the weight of the egg and the weight of the hen to decrease with an increase in the number of eggs, rigid selection, the station says, will describe this tendency. Not only that, but the tendency was also to hearthen the gereining meriod and to lengthen the egg-laying period and to put off the time when egg-laying di-minishes through the maturity of the birds.

The studies made a careful com-parison between birds of high-laying enpacity and those of low capacity. The high producers ate more than the low producers; but, nevertheless, it took about twice as much feed to get a dozen eggs from the low producers. When costs and incomes are balanced, the evidence is all in favor of the pullets from a long line of ancestors se-lected for egg production. "When the needed for egg production. When the annual feed cost, which is about 50 per cent of the cost of producing eggs, is deducted from the gross income, there is still an advantage of \$2.91 per pullet, annually, in favor of the high-line bird," the bulletin says.

Poultry House Windows in Summer and Winter

Awnings for the poultry house need not be placed in the same category as not be placed in the same category as have curtains and a radio for the dairy stable, since many flocks are confined to the house all summer, says Prof. F. L. Fairbanks of the New York State College of Agriculture, Windows in poultry houses are arranged to let in all the sunlight possible. The sun-light is an advantage in winter but in summer a harge sunlight pattern on the floor tends to keep the house too hot.

For summer ventilation Professor Fairbanks advises having windows on two or more sides of the house. With the windows and ventilators open, the air movement does not keep the tem-perature of the house lower than out-of-doors but does remove dust, odors, and moisture and makes the house cooler.

In hot, still, sultry weather an elec-tric fan set four or five feet from the floor and faced to blow across the pen or along the wall, but not directly on the birds, gave some relief, he says.

Turkey Losses Checked

Experienced turkey breeders have found that strict sanitation, including clean ground, is essential as a means of controlling parasites and diseases in their flocks.

Trials conducted at the North Da-kota Agricultural college show that 63 artificially-hatched poults that were placed on clean ground sustained no losses from blackhead; while 45 tur-key poults hatched from the same hens as the other group and allowed to run with the mother hen on ground pre-viously used by chickens sustained a loss of all but four with blackhead. Two of these four poults at the time of marketing showed characteristic blackhead lesions when killed, leaving only two of the original 45 to go "scot-free" from disease or parasites. The rotation of yards, preferably on alfalfa range, is the samitation program for turkeys.—Dakota Farmer.

that it was produced under sanitary conditions. It costs no more to pro-duce clean eggs after one is once pre-pared and becomes accustomed to the changed processes necessary. Many of these essentials are necessary for the general health and productivity of the flock. They include dry housing conditions, sanitary precautions, cor-rected nesting arrangements, and feed-ing practice.—Successful Farming.

Poultry Hints

Baby chicks double in size during the first two weeks of life. The period of incubation for duck

eggs is 28 days, except for the Mus-covy, which is 33 to 35 days.

Crossing breeds or varieties of poul-try is not recommended. The birds from the first cross may have the good qualities of both parents but further crossing will result in a degenerated mongrel flock.

Foot-and-Mouth Disease Is Most Effectively Handled.

Prepared by the United States Department of Apriculture -- WNU Service,

ef Arrichturg-WNU service. Effective control of the recent out-break of foot and mouth disease in southern California, with prospects that the plague probably has been eradicated, is announced. The origi-nal outbreak was diagnosed on April nal outbreak was diagnosed on April 28, and the last infected herd was slaughtered and buried May 7. Up to June 1 the inspection forces had found no other signs of foot-and-mouth dimension of the signs of foot-andfound no other signs of foot-and-mouth disease either in the quaran-tined area or surrounding territory. All infected premises have been thor-oughly cleaned and disinfected and re-stocking has been permitted, beginning June 15 Although many of the inspectors essigned to the task of eradicating the outbreak have now re-turned to their regular official stations, a sufficient force has been left in the quarantined area to handle any

We the quarantine area to manne any emergency that may arise. Veterinary officials remind live stock owners and the public of the highly infectious character of foot and-mouth disease and of the danger that it may appear unexpectedly and spread rap-idly. The seeming eradication of the disease in 10 days, however, sets a new record and is noteworthy in com-parison with description. parison with former outbreaks, one of which required is months for eradi-cation. The shortest previous time which elapsed between the diagnosis of the disease and the disposal of the last infected herd was 31 days.

Cull Unprofitable Cows

and "Stuff" Good Ones Cows don't know anything about business cycles; and so how can they understand, when their grain is taken away and they are forced to get along on dry, short pasture, that they are expected to make just as much milk from this deficient diet as they did on a complete ration during the winter.

Even if they knew, they couldn't do much for their owner's relief, because the cow that can get along on grass alone just isn't profitable to her owner. Especially is this true in a year like 1982. For that matter, it's always a bad year for dairymen whose cows can give all the milk they're capable of giving on nothing but grass.

A cow must be able to make 300 pounds of fat a year to return her own-er a worthwhile profit now. Liberal feeding of a complete ration pays with cows that can eat that. Cull the poor cows, feed the good ones better.--Na-tional Farm Journal.

Lime Brought Back His Land

Burl Johnson has proved that lime and legumes pay on Bourbon county (Kan.) soils. Mr. Johnson bought a run-down farm that would not grow alfalfa or clover and set about to im-prove it. He limed 13 acres four tons to the acres and surged on it 200 tons to the acre and spread on it 200 tons

f manure. Sweet clover was seeded in oats on this field and came on so rank that the oats could not be harvested for grain. The clover and a 40-bushel outs crop were put up for hay. Mr. Johnson says it made good hay too. Early the next spring 30 cows were

Early the next spring 30 cows were turned into the clover and left until May 24, when the field was plowed 6 inches deep and put to corn. The corn made 60 bushels an acre, the highest yield anyone could remember on that and. Only nine acres were required to fill a silo 12 by 40 feet. The field then was seeded to alfalfa and still is producing heavy yields.

Barley's Food Value

In South Dakota experiments, where Clean Shell Important The clean shell of an egg indicates that it was produced under sanitary conditions. It costs no more to no found in comparis found in comparing barley and com-for pig feeding. The average of the experiments with ground barley and a protein supplement fed to pigs on pas-fure showed that barley had 86 per cent of the feeding value of corn, while for pigs in dry lot, it had 95 per cent of the feeding value of corn.— Verseerful Farming. The average of the Successful Farming.

Make a Post Puller

A good post puller can be made of two by fours, bolted securely togeth-er in the form of an X. Brace the er in the form of an X. Brace the puller by nailing a crosspiece near the bottom of the two legs. To oper-ate this device, pass a chain around the post, place the puller up next to the post, pass the chain over the crotch and attach chain to the dou-bletrees or other source of power. The puller acts as a lever and helps draw the post out of the ground.— Emmer Winkie, Allamakee county, lowa, In Wallace's Farmer. YOU BET IT'S LOW 4-40-21 PRICED

but the greatest name in rubber is back of that price tag!

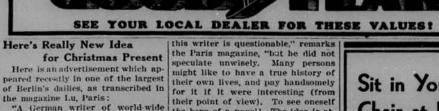
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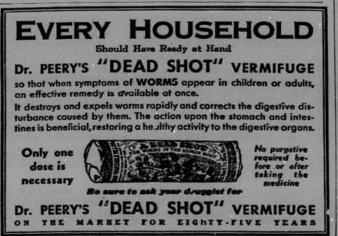
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"It is the nicest sort of present for Christmas. Such a story would bring joy to the entire family. Before this, one could not have offered the story of one's life to one's friends or ac-quaintances. The price depends on the number of pages." "The 'world-wide' reputation of

the rarks migazine, "but he did not speculate unwisely. Many persons might like to have a true history of their own lives, and pay handsomely for it if it were interesting (from their point of view). To see oneself the hero of a novel! The idea is at-tractive."

Ancient Settlement On the heights of Leubaltz-Neuostra, a suburb of Dresden, a Stone age settlement believed to be more than five thousand years old has been discovered.

A picture in next Sunday's rotogravure is worth two in the solemn



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