

POULTRY

QUALITY IN HENS
MAKES FOR PROFIT

Rigid Selection Matter of Much Moment.

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.

While it is said to be a normal tendency 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 reverse this tendency. Not only that, but the tendency was also to lengthen the egg-laying period and to put off the time when egg-laying diminishes through the maturity of the birds.

The studies made a careful comparison between birds of high-laying capacity 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 selected 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 lace 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 sunlight is an advantage in winter but in summer a large 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 temperature of the house lower than out-of-doors but does remove dust, odors, and moisture and makes the house seem cooler.

In hot, still, sultry weather an electric 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 Dakota Agricultural college show that 63 artificially-hatched poults that were placed on clean ground sustained no losses from blackhead; while 45 turkey poults hatched from the same hens as the other group and allowed to run with the mother hen on ground previously 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 simplest method to follow out the sanitation program for turkeys.—Dakota Farmer.

Clean Shell Important

The clean shell of an egg indicates that it was produced under sanitary conditions. It costs no more to produce clean eggs after one is once prepared 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, corrected nesting arrangements, and feeding 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 Muscovy, which is 33 to 35 days.

Crossing breeds or varieties of poultry 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.

Quick Ending Put to Plague Danger

Foot-and-Mouth Disease Is Most Effectively Handled.

Prepared by the United States Department of Agriculture.—WNU Service.

Effective control of the recent outbreak of foot-and-mouth disease in southern California, with prospects that the plague probably has been eradicated, is announced. The original 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 sign of foot-and-mouth disease either in the quarantined area or surrounding territory. All infected premises have been thoroughly cleaned and disinfected and restocking has been permitted, beginning June 15. Although many of the inspectors assigned to the task of eradicating the outbreak have now returned to their regular official stations, a sufficient force has been left in the quarantined area to handle 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 rapidly. The seeming eradication of the disease in 10 days, however, sets a new record and is noteworthy in comparison with former outbreaks, one of which required 18 months for eradication. 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 1932. 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 owner 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.—National 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 improve it. He limed 13 acres four tons to the acre and spread on it 200 tons of 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 oats crop were put up for hay. Mr. Johnson says it made good hay, too.

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 land. 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 barley and corn were compared in feeding two-year-old steers and beef calves, it was found that the barley was not quite equal to corn for either class of animals. Similar results were found in comparing barley with corn for pig feeding. The average of the experiments with ground barley and a protein supplement fed to pigs on pasture 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.—Successful Farming.

Make a Post Puller

A good post puller can be made of two by fours, bolted securely together in the form of an X. Brace the puller by nailing a crosspiece near the bottom of the two legs. To operate 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 doubletrees or other source of power. The puller acts as a lever and helps draw the post out of the ground.—Emmet Winkie, Allamakee county, Iowa, in Wallace's Farmer.

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

If you're looking for the greatest thrift tire money can buy take a look at the one you see pictured here.

It's a lifetime guaranteed Goodyear Speedway—built in the world's largest tire factories—bodied with genuine Supertwist cord—marked with the name Goodyear Speedway—guaranteed for life—and sold at the prices listed below.

That's a bargain worth buying— as millions of car owners know by experience. When Goodyear Tires sell at prices like this, it certainly pays to say to yourself: "Why be satisfied with any second-choice tire? FIRST-CHOICE costs no more!"

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<p>Full Oversize—4.50-21</p> <p>Ford Chevrolet</p> <p>\$3.83 Each In pairs</p> <p>Per single tire \$3.95</p>	<p>Full Oversize—4.50-20</p> <p>Chevrolet</p> <p>\$3.79 Each In pairs</p> <p>Per single tire \$3.89</p>	<p>Full Oversize—4.75-19</p> <p>Ford Chevrolet Plymouth</p> <p>\$4.50 Each In pairs</p> <p>Per single tire \$4.63</p>
<p>Full Oversize—4.75-20</p> <p>Chrysler Plymouth Pontiac</p> <p>\$4.57 Each In pairs</p> <p>Per single tire \$4.70</p>	<p>Full Oversize—5.00-19</p> <p>Chrysler Dodge Nash</p> <p>\$4.72 Each In pairs</p> <p>Per single tire \$4.85</p>	<p>Full Oversize—5.00-20</p> <p>Essex Nash</p> <p>\$4.80 Each In pairs</p> <p>Per single tire \$4.95</p>
<p>Full Oversize—5.25-21</p> <p>Buick Dodge Nash</p> <p>\$5.82 Each In pairs</p> <p>Per single tire \$5.98</p>	<p>GOODYEAR TUBES are now so low priced it's thrifty to put a new tube in every new tire</p>	<p>Full Oversize—30 x 3 1/2 Reg. Cl.</p> <p>Ford—Model T</p> <p>\$3.30 Each In pairs</p> <p>Per single tire \$3.39</p>

TUNE IN on the Goodyear Program every Wednesday night over N. B. C. Red Network, WEAF and Associated Stations



Here's Really New Idea for Christmas Present

Here is an advertisement which appeared recently in one of the largest of Berlin's dailies, as transcribed in the magazine Lu, Paris:

"A German writer of world-wide reputation will write the story of the life of anyone who may desire it, in a manner guaranteed to be artistic, based on personal notes of those who wish to order.

"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 acquaintances. The price depends on the number of pages."

"The 'world-wide' reputation of

this writer is questionable," remarks the Paris magazine, "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 attractive."

Ancient Settlement

On the heights of Leubnitz-Neustra, 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 schools of history.

Sit in Your Chair at Home . . . and Shop!

THE things you want to buy...at the time you want to buy them...at the price you want to pay. You can find these right in the paper. Your newspaper advertisements make it possible to do your "looking around" right at home...and then go downtown to do your buying . . . saving you time and energy.

EVERY HOUSEHOLD

Should Have Ready at Hand

Dr. PEERY'S "DEAD SHOT" VERMIFUGE so that when symptoms of WORMS appear in children or adults, an effective remedy is available at once.

It destroys and expels worms rapidly and corrects the digestive disturbance caused by them. The action upon the stomach and intestines is beneficial, restoring a healthy activity to the digestive organs.

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