

KNOWING LAYERS FROM NON-LAYERS WILL SAVE MUCH MONEY

GUIDE GIVEN TO KNOW WHICH PRODUCE.

Every Farmer Who Has Poultry Should Know the Few Principles About Culling Layers from Workers—Watch Moulters.

The process of culling is readily learned and an easily understood as a primer lesson, and is as applicable to the small flock as to the egg farms where thousands of hens are kept. Who, with a dozen hens in the back yard, has not killed one for a Sunday dinner, only to find her full of eggs; one perhaps of but two or three that were laying? By applying the culling tests those that are not good layers, and are not laying at all at the time, may be eaten as desired and the producers kept.

By using these methods the constant culling out of the poorest producers increasingly upbuilds the flock into "business hens," leaving no question about their paying a profit; by disposing of the non-paying boarders it assures next year's chicks coming from better layers. Indiscriminate breeding means constant deterioration.

To the average poultryman the difference between profit and loss often is determined by whether culls from the flock all non-producers.

All of the tests given can be applied to Leghorns, but Orpingtons and hens having black shanks, the color of legs cannot be used. As Rhode Island Reds have horn-colored beaks, the color of this cannot be readily used, except in lower half of beak. Condition of plumage and abdomen capacity, judged by the distance between lay bones and keel bone, softness and pliability of the flesh in this region can be used in all breeds. In applying pigment tests allowance must be made for pale color natural to various breeds, the kind of grain fed and range conditions.

Comb—The comb and wattles of heavy laying hens are bright red, full size for the breed, rather waxy in appearance. In a non-layer or poor layer the comb is small and covered with a whitish scale resembling dandruff, hard and dried.

Under Beak Loses Color First. Beak—With the commencement of laying the under part of the beak fades first; the upper part of the beak then fades next to the head, gradually losing its color with the heavy laying until all is faded. The color comes back as it left; that is, if the beak is found nearly white, except yellow near the head, it indicates that the hen has laid heavily but stopped. If the beak is yellow except for white next to the head it shows the hen has recently started laying. A degree of judgment must be used with this method, as feed and ranging conditions have much to do with the coloring matter and in judging by coloring matter hens of the same flock should be used to form the basis. Greenstuffs and yellow corn are great pigment makers. A heavy layer fed a ration of yellow corn and ranging on clover would still have more yellow beak and legs than a poor layer confined on a barren yard and fed mainly on oats, barley, etc., so it is absolutely necessary that the general color of the legs and beak of the entire flock be taken into consideration before the judging starts. Also the general health of the bird should be considered, as a bird in physical condition too poor to lay is apt to be pale. A sickly hen is easily distinguished by other signs, however.

Legs—The shanks continue to fade with heavy laying, losing all color. The rear of the shanks in a heavy layer are usually thin and soft, on a non-producer full and round.

Early Moulters Poor Layers. Plumage—Good layers moult late, have rough, worn feathers, which usually fade much more than those of a poor producer. Many good layers, properly fed, never moult in the real sense of the word, but drop occasional feathers the year around, and lay every month in the year. One of the principal reasons why July, August and September are the best months to cull the flock is because it is the best time to judge the plumage. While the bird with the brightest plumage in the spring is apt to be the poorest layer, later it furnishes one of the best criterions. The hen that moults earliest is almost invariably a poor producer, while the one that lays into the fall does not throw her feathers until late. An occasional hen will lay until nearly naked, but she will stop when new feathers start growing.

Ear Lobe—The ear lobe should be full. If wrinkled the specimen is not producing. Eye—Bright, alert. In nonlayers, dull snaky. The lay bones are widespread in the good layer, usually allowing three fingers to be laid between them. The end of the keel bone should be forced far down by the laying organs, allowing four or five fingers to be laid between it and the lay bones. The abdomen should be soft and pliable and velvety. In making this test it must be remembered that if the specimen is very fat the keel bone will thus also be forced down. This is easily told, as in a fat nonproducer this portion is hard and firm.

To get the best layers, pick those with short toe nails, whitish legs and beak in the yellow-legged varieties; long backs, deep bodies, wide at the back; from these pick the ones with thin, straight, wide apart lay bones. Discard the bird that in August has fine feathers, yellow beak and legs, and pinched tail.

When A Child Has Croup. Thousands of mothers say Foley's Honey and Tar Compound is the best remedy they know for croup, coughs and colds. It cuts the thick, choking mucus, clears away the phlegm, opens air passages and eases hoarseness. The gasping, straining fight for breath gives way to quiet breathing and peaceful sleep. Sold Everywhere.—Adv.

The Sleep Ration. John Wesley experimented in sleep rationing as a cure for insomnia. Finding he woke every night about twelve and lay sleepless for some hours, he decided to go to bed later and rise earlier. The first day he rose at seven instead of eight, the next at six, the next at five, the next at four. By rising at that hour he found he slept without waking throughout his "ration," and thereafter, rose at four for good.


Doesn't Know It All. It is when the brand-new graduate begins comparing notes with the men who have been taking a 25 or 40-year post-graduate course in the College of Hard Knocks that he is likely to be told that there is still something to be done in the way of acquiring more wisdom.—Boston Transcript.

Easier Now Than Later. It is easier to break up a cold or check a cough now than it will be later. Persistent coughs that "hang on" all winter pave the way for serious throat and lung diseases. L. W. Day, 65 Campbell Av., E. Detroit, Mich., writes: "Foley's Honey and Tar relieves one of bronchitis very quickly." Sold everywhere.—Adv.

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HIGHWAY WORK AGAIN DELAYED

LOW BID REJECTED BY COMMISSION.

W. L. Thompson Helps Hold Back Construction of The Dalles—California Highway in Last Meeting Before Leaving Board.

As one of the last acts of his career as a member of the State Highway Commission, W. L. Thompson whose resignation became effective last week, apparently took a final opportunity of doing what he could toward the postponement of construction work on The Dalles-California highway. This developed today when County Commissioner C. H. Miller, of Redmond, who attended the highway commission meeting in Portland on last Tuesday reported that the low bid for the construction of the highway between Bend and the Jefferson county line, opened at a previous meeting of the commission had first been tabled, and then turned down.

A discrepancy of \$5,000 between the engineer's estimate of the construction cost, and the bid of Logan & Ward, contractors, is the only excuse behind which the commission could possibly hide as a justification for its action. The lowest offer, made in the course of competitive bidding, was \$89,000, and at Tuesday's meeting when this was scheduled for consideration Mr. Miller was present. Mr. Thompson, he says, after asking questions regarding the difference between this offer and the estimate of \$84,000, moved that the matter be laid on the table until October 20th.

Later in the day Mr. Miller learned that the commission had decided to have no meeting on the 20th., and

had rejected the Logan-Ward bid. He was informed also that new bids were to be called for to be opened at the meeting on November 4th., but has been unable to conform this.

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LEGAL NOTICES

NOTICE FOR PUBLICATION. (Not Coal Land.) Department of the Interior, United States Land Office at Lakeview, Oregon, September 17, 1919.

Notice is hereby given that Michael C. Donahue of La Pine, Oregon, who on February 25th, 1915, made homestead entry No. 98456 for northeast quarter section 5, township 22 S. range 10 E. Willamette meridian, has filed notice of intention to make final three-year proof to establish claim to the land above described before H. C. Ellis, U. S. commissioner, at Bend, Oregon, on the 24th day of October, 1919.

Claimant names as witnesses: John J. Blew, John F. Devereaux, William Riley, C. H. Clow, all of La Pine, Oregon. JAS F. BURGESS, Register.

NOTICE OF FINAL SETTLEMENT.

Notice is hereby given by the undersigned that she has made and filed with the County Clerk of Deschutes County, Oregon, her Final Account as Administratrix of the estate of Matilda Yeomans, deceased, and that said county clerk has set, Saturday, the 1st day of November, 1919, at 10 o'clock a. m. of said day at the County Court room in the Court House at Bend, Oregon, as the time and place for the hearing and settlement of said final account, at which time and place any person interested in said estate may appear and object to said settlement. Dated this 2nd day of October, 1919.

ANNA BOARDMAN, As Administratrix of the estate of Matilda Yeomans, deceased. 31-34c

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NOTICE FOR PUBLICATION.

Department of the Interior, United States Land Office at The Dalles, Oregon, October 3rd, 1919. Notice is hereby given that Ann Mackintosh of Bend, Oregon, who on the 26th of November, 1915, made homestead entry No. 015610, and who on February 6th, 1918, made additional homestead entry No. 019028, for NW 1/4 SE 1/4, N 1/4 SW 1/4, Sec. 29, NE 1/4 SE 1/4 Section 30, Township 18 South Range 12 East Willamette meridian, has filed notice of intention to make final three-year proof to establish claim to the land above described before H. C. Ellis, U. S. commissioner, at Bend, Oregon, on the 17th day of November, 1919.

Claimant names as witnesses: Archie McDonald, of Bend, Oregon. Louis Biladeau, of Bend, Oregon. Mildred Biladeau, of Bend, Oregon. Donald A. McArthur, of Bend, Oregon. Rose Mackintosh, of Bend, Oregon. 32-6p H. FRANK WOODCOCK, Register.

NOTICE.

Call for Central Oregon Irrigation District Warrants.

Notice is hereby given that registered warrants Nos. 1 to 38, inclusive, drawn on the Central Oregon Irrigation District are hereby called for payment on October 10 and are payable at the county treasurer's office, Bend, Oregon. Interest on these warrants stops on and after October 10th, 1919. 32c CLYDE M. MCKAY, Treasurer Deschutes County.

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