

POULTRY DEPARTMENT HATCHING CHICKS BY ELECTRICITY IMPROVE STOCK BY LOOKING TO FUTURE

Poultry raisers may look forward to lessening their duties by utilizing electricity, as electrically heated incubators and brooders are now on the market. Where old heated chicken hatching apparatus had to be continually attended to see that the poultry had not become exhausted or the apparatus was not on fire, the electrically heated device may be left unattended to, to transfer the newly hatched chickens from the incubator to the brooder.

The electrical method described in an electric incubator and brooder. The case is built of 2 inch cork boards reinforced with steel corners. The top is entirely covered with steel, and the base on which the egg trays stand is made of well seasoned spruce covered with a thick felt pad. The egg tray is of galvanized steel and has a removable wire mesh on which the eggs are placed. In the center allows the chicks when hatched to fall into a wire basket hung on runners under the egg tray. Air is filtered through a fine gauze in the top of the egg tray, and the air is drawn through the top of the egg tray into the center where it is varied by means of a sliding cap on the tube.

The front of the case is provided with a small glass window to show the interior and allow the thermometer to be read. The heating units are contained in the roof and slip into a recessed space in the egg tray, and are removable. These units are of the cartridge type and are so arranged that the heat is equally distributed over all parts of the case. The supply of heat is automatically controlled by means of a thermostat. A signal lamp indicates when the heating current has been cut off.

Too Much Crowding Reduces the Profits. Crowding is bad. An interesting test was made recently at a Maine experiment station to ascertain the number of hens most profitable to keep in pens. All the pens were 10 by 15 feet, giving 150 square feet. The pens were divided into two groups, Recks, and the test continued six months. There were 15, 20, 25 and 30 hens to the pen. The conditions and methods were the same as are possible to make the test a conclusive one. The pen of 15 hens made a profit of 80 cents per hen and the eggs had numbered 172. The pen of 20 hens made a profit of 71 cents per hen and a profit of 128 eggs and the pen of 25 hens had a profit of 20 cents per hen. The experiment shows that too much crowding so that 20 hens made a profit of 47 cents per hen for six months is considerable.

Encourage Children To Raise Poultry. Thousands of families with children have turned over the chicken yard to the young people. It not only gives a healthy outlet for the energy of the child, but inculcates ideas of industry and business principles. What country boy does not recall with pleasure his own chicken yard? He can remember with a glow of pride the modest profits he pocketed when he carried his eggs and poultry to town? What the boy on the farm can do may be done by his city cousin who is lucky enough to have a back yard. Give the children a chance with poultry. They will learn all that is to be learned as well as the large farm. Little capital is required to start a poultry yard, and with proper care of the birds success is assured. By keeping chickens the expense of the home is greatly reduced, to say nothing of the constantly available delicious food that is always at hand.

Clean Quarters Are a Necessity. Clean quarters for the fowls is one of the important factors if success is to be obtained in poultry keeping. More ill than are generally supposed are caused by lice and mites and quarters that are unclean. It pays to spray and clean the henhouse often. Neglect spells loss.

Poultry Pointers. Sanitation is the first essential in the prevention of disease. Sanitation means cleanliness; therefore, "clean up." If the chickens are not doing well.

Kills Was a Suicide. Troutlake, Wash., Oct. 24.—Coroner Chapman of Goldendale came to hold an inquest over the body of D. A. Miles, who was found dead in a road near Troutlake yesterday on Wednesday morning, and his decision was that the man had taken his own life. Miles, a coroner had returned home one day and found a letter in the coat pocket of the dead man, addressed to Mrs. Miles, stating he contemplated a suicide, and did not stand up under the burden of debt encouragements any longer. He said he borrowed money in a bank and his head of hair was all grey. His body was taken to Hood River for interment. Miles was a member of the I. O. F. organization.

A modest investment will give a fair start in poultry raising. Numbers multiply rapidly. The demand for the products is sure and reasonably steady, and the returns quick.

SHORT STORIES TELL DELAYED NEWS Resume of the Events of Friday Afternoon and Night: Paragraphs for Quick Digestion by Journal Readers.

European War. France is to make every effort to take care of the needs of the army in the field as well as the 37,000,000 people at home this winter and contributions from the outside are said to be sorely needed.

Eastern. William H. Taft qualified as a voter at New Haven. He arrived from Washington for the purpose of enrolling himself.

Deaths and Funerals 75. RANKIN—In this city, October 21, at the family residence, 415 Larabee street, John Rankin, aged 70 years, 5 months, and 23 days.

Executive. United States protested to Great Britain against the seizure of the tanker Plutaria, owned by the Standard Oil company. The vessel is being detained at Lewis Island, Scotland.

Rich Gold Ore Field Discovered North of Seward, Alaska. Enormous ledges said to range from 600 feet to a mile wide.

Conspiracy Charged in Answer to Suit. B. M. Lombard Appears as Intervenor in Action Involving Assessments for Paving.

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Interstate Bridge Bonds Commended. Investment Should Appeal to the Man of Small Means in Opinion of County Commissioner Lightner.

Uital Statistics Marriages, Births, Deaths. MARRIAGE LICENSES. William Edward Muller, Malloy Station, 28, and Max East Fitz-Bird street, south.

BIRTHS (Continued). PHELPS—To Mr. and Mrs. Frank J. Phelps, 1714 Division street, September 26, a daughter.

FOR SALE—HOUSES 61. \$1975—TERMS. 1020 E. 29th St. North. Brand new and just completed 5 room bungalow, sleeping porch, pergola, plumbing complete, all modern improvements.

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ACREAGE (Continued). 5 ACRES FOR \$250. \$10 down and \$5 per month buys 5 acres good logged-off land 1 mile from the city.

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BUSINESS CHANCES (Continued). A SUBSTANTIAL interest in oldest established high class mercantile institution on Puget sound can be secured by...

MONEY TO LOAN REAL ESTATE. LOANS on improved city property or for building purposes; advance made as building progresses; liberal repayment privileges on commission.

MORTGAGE LOANS. BUILDING LOANS on city and suburban property; fire insurance; work progresses. W. G. Beck, 315 Falling bldg., Main 3407.

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