

WEEKLY POULTRY LESSON

Under the Authoritative Direction of Prof. F. C. Elford Dominion Poultry Husbandman

With Specialized Information Contributed by G. W. Miller Author of Coldbelt Poultry Course.

CARE OF THE HEN DURING INCUBATION.

There is an advantage in setting several hens together if you intend to raise more than one or two broods. By so doing you will have a considerable number of chicks of the same age, instead of various ages. This means a lessening of labor; but more important, chicks will be of the same size. Where some are large and some are small, the latter often get crowded away from the feed. When more uniform in size the birds grow and thrive better in every way. The practice of having several hens sit at the same time permits of the doubling up of the eggs when the "infertile" and "dead germs" have been removed, as well as of the chicks when hatching is completed. Thus fewer hens are required, and the poultryman is enabled to break up the others and get their back into laying sooner.

Hens Should Come Off Nest Daily. Every day at the same hour the hen should be taken off to feed and to exercise, to allow her intestines to function, and to give her an opportunity of thoroughly dusting herself in a bath which should be provided. She must not be permitted to remain off the nest long enough to allow the eggs to become chilled. This is very important in cold weather and particularly so during the first ten days of the hatch.

Keep Hen and Nest Free From Lice. Above everything keep the sitters free from lice and mites. Examine the hen and the nests frequently to make sure they are free from these pests. Whether you find any or not, occasionally dust both bird and nest with sodium flouride or some other good insecticide. This should be done at least two or three times during the incubating period. The pests have frequently killed sitting hens, and they work terrible havoc with young chicks. It is easier to prevent their appearance than to get rid of them.

Keeps The Eggs Clean. Watch carefully and see that the eggs do not become badly soiled by manure or by broken eggs. If an egg is broken in the nest the contents become smeared over the other eggs, closing up the pores in the shells, and thus suffocating the developing chicks. If the hen soils the eggs badly by getting her feet muddy, or if she is not allowed off frequently and they come soiled with manure, the result will be the same. This must be watched. If any eggs become smeared with broken eggs or become too dirty they must be cleaned without delay. The soiled ones should be wiped with a cloth that has been moistened with lukewarm water. Cold water is liable to chill the embryo chick within the shell, and water that is

too warm will have just as disastrous a result. Water at a temperature of between 100 and 105 degrees is about right.

Before replacing the eggs, the nest should be cleaned and fresh chaff added. If the trouble is noted in time and these directions are followed no harm will be done.

The broody hen is not a large consumer of feed, and one meal a day is sufficient for her. Probably the best feed for her at this time is whole corn, but, lacking this, wheat or buckwheat is good. Oats or barley are not so suitable. There should be a plentiful supply of feed, clean water and grit for the hen when she comes off the nest. It is well also to give green feed two or three times a week.

At Hatching Time. When the eggs are about ready to hatch, say the twentieth day, it is best not to molest the hen until the whole brood is off. Once the eggs begin to "pip" (that is, when the chicks begin to break the shell) she will not come off again until they are all hatched. But from about the seventeenth day till the eggs begin to pip there should always be sufficient feed within easy reach of the hen to satisfy all her requirements.

When it is certain that most of the chicks are hatched it may do no harm to lift the hen gently and remove the broken shells, but this should not be done too soon or too often.

Questions On This Week's Lesson. 1. What are the advantages of setting several hens at the one time? 2. Why is it necessary for the hen to come off the nest regularly? 3. Why should hatching eggs be kept clean? 4. What should a hen be fed while setting?

Answers to Last Week's Questions. 1. Eggs from hens are better for hatching because they are larger, and give stronger and bigger chicks. Pullets eggs are often more fertile than those of hens, and if the birds are fully matured very satisfactory chicks are obtained from them. 2. Eggs for hatching should be selected with due care as to the production qualities, health, and condition of the hens which laid them, and also because they are sound in shell, and uniform in size and count. 3. Care should be taken in holding eggs for hatching to see that they are kept in a temperature that is not high enough to start incubation nor low enough to weaken the life germ. 4. Hatching eggs may be shipped either by mail or express, but should be so packed as to prevent them being moved about or unduly shaken in the package. The best package is a basket with rigid handles, which prevents other merchandise being piled on top of them.

HER CHILDREN HAD WHOOPING COUGH

This is one of the most dangerous diseases of children. It starts with fever and cough. The cough is at first short and sharp, but gradually increases in severity and occurs in sudden spasms, vomiting follows, and sometimes there is nose bleed; the child turns livid in the face, the eyes appear as if they would burst from their sockets, and suffocation seems imminent till relief is brought on by the "whoop."

Dr. Wood's Norway Pine Syrup will clear the bronchial tubes of the collected mucus and phlegm and in this way ease the racking cough, and in a short time make it disappear. Mrs. Ambrose, Sarnia, Ont., writes: "My little ones were both sick with whooping cough. I read where Dr. Wood's Norway Pine Syrup was good, and I only used two bottles and they were better. I had chronic bronchitis for three years and tried everything until, finally, I got 'Dr. Wood's.' I would not be without this remedy."

Price 35c. a bottle; large family size 50c.; put up only by The T. Millburn Co., Limited, Toronto, Ont.

RADIO BROADCASTING

The following is a list of radio broadcasting stations and their programmes which may be heard locally. 826—KDKA—Pittsburgh, Pa. 6.15 p.m.—Concert by the Westinghouse band, T. J. Vastine, conductor. 7.30 p.m.—"Bringing the World to America," prepared by "Our World."

380—WGY—Schenectady, N.Y. 9.30 p.m.—Dance music by Jack Symonds' orchestra, Hampton Hotel, Albany, N.Y.

536—KYW—Chicago, Ill. 7 p.m.—Dinner concert. 8 p.m.—Musical programme. 10.12 p.m.—Midnight revue.

337—WBZ—Springfield, Mass. 7 p.m.—Dinner concert. 8 p.m.—Concert by William S. Tilson.

484—WOC—Dayton, Ohio. 9 p.m.—Orchestra programme.

455—WJZ—New York. 8 p.m.—Recital by Ronald Greene, basso. 8.15 p.m.—Recital by Maximilian Rose, Russian violinist.

546—KSD—St. Louis. 7 p.m.—Orchestra concert; organ recital.

476—WFAA—Dallas, Tex. 8.30 p.m.—Piano recital. 11 p.m.—Hawaiian music recital.

517—WWJ—Detroit, Mich. 7.30 p.m.—Detroit News orchestra.

492—KGW—Portland, Oregon. 10 p.m.—Dance Music by George Olsen's Metropolitan orchestra.

448—WJAZ—Chicago. 10 p.m.—Musical programme.

WHY THE WEATHER?

DR. CHARLES F. BROOKS Secretary, American Meteorological Society, Tells How.

The Cold Wave. When in winter the weather is moderately warm, with a southerly wind blowing and a low and falling barometer, look out for colder weather soon, perhaps a cold wave. At times a cold wave may come without warning, when a cold wind drops suddenly from uncharted Labrador. Usually, however, the approach is more gradual, allowing the Weather Bureau an opportunity to give warning 24 hours or more ahead.

The cause of the cold wave is a considerable transportation of cold air. It is usually marked by an area of high pressure on the cold, northern plains, with low pressure to the southeast. Nature, in seeking equilibrium, is sending the icy current into the area of low pressure southward. The zone where the cold wave strikes the warm south wind is usually marked by rapid condensation of some of the latter's moisture, and as it passes there is a brief period of rain or snow, sometimes with thunder and lightning, and presently the mercury drops rapidly and persistently to rigid limits. The great cold wave of January 2-5, 1924, advanced now rapidly, now slowly, into the southeast. It was marked not so much by extraordinary cold on its first appearance in the north and a rapid sweep southward, as by the enormous volume of cold air and by an earlier chilling of the ground which resulted in but a moderate degree of warming as it progressed. Thus this cold wave was of extraordinary severity in the southeastern states, though it did not come very suddenly.

Missionary Perishes in Blizzard. St. John's, Nfld., Feb. 5.—Returning on foot over a lonely twelve-mile stretch from Seldom-Come-By to Fogo, Rev. W. S. Mercer, former Labrador missionary, perished in a blizzard within a mile of his home. The tragedy occurred Monday, and followed close upon the news of the loss of the tern schooner President Coaker, with its crew of six men.

Reginald McKenna, chairman of the special commission investigating German capital, and other members, having finished their mission, left Berlin, Tuesday. Many facts they sought were not available. Demand proof before you accept gossip as gospel truth and fact.

A Fluffy Valentine Frock

By ELEANOR GUNN

Just the frock to wear to the Valentine party is the one presented here. It has the tiered effect which is one of the most fascinating features of a season which boasts of many, and is made of pleated net dating in 1924, if ever anything does.



That the lady wears many bracelets is a noteworthy feature and also that she affects pendant earrings, for both these things are popular as is the corsage which may be gardenias or orchids. That she elects to be minus a necklace is unimportant. From an importer of costume jewelry who has come from Paris, the

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Mecca of luxuries, we learn that following in the wake of the choker necklace, which has had such a tremendous fashion during the past season, the new development is the festoon choker, which has been introduced by the French. These chokers are three strands deep, usually with the central strand of beads contrasting in color with the other two. The fancy bead is the thing, such as the cube, melon, square, olive, oblong and the like. Necklaces run about 40 inches in length, as an average, or they tend to the festoon choker type, since the chemise dress has every indication of staying in fashion. Bracelets are being worn a new way in Paris, for with the long sleeve sometimes as many as 20 are used together. It is said that there are more of the flexible types used than the hoop effect. These set with metal and stones are most effective. Hat ornaments are in demand, it is remarked, and all sorts of jangling effects are stressed, many fob types being shown and all the ornaments highly decorative. Fobs are to be quite a fad, especially those made of rhinestones, marcasite or galalith. Everything in rhinestones, of course, is featured very prominently for the new season. Earrings are still to be a feature, but it is said that the tassel type is a thing of the past in Paris, and everything now tends to the pendant. Although little has been done regarding button earrings in this country, this mode is developing in Paris, and it remains to be seen whether they will have any prominence here for the new season, at least. (Copyright, 1924, Fairchild.)

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FOR THIS WEEK-END. Round Steak 15c. lb. Sirloin Steak 25c. lb. Oven Roast 12c. lb. Pot. Roasts 10c. lb. Stewing Beef 6c. lb. Special reduced prices on Pork also. R. R. WALLACE. GROCERIES AND FRESH MEATS 100 STEELES STREET.

I notice that the man who has the least to divide is the most in favor of equality. Don't get into a passion if the world calls you a fool. The world may be right.

Township Councils

LOUGHBORO.

Sydenham, Feb. 4.—Council met at 1.30 p.m. Councillor Knight absent. Minutes of last regular meeting adopted. Accounts paid: \$186 Frank Anglin, street lights and alterations; \$23, Frank Anglin, street lights for January; \$130, Frank Anglin, lumber for board walk; \$10, John M. Blake, salary as auditor; \$12.50, C. S. Woodruff, salary as auditor and extras; \$16, Harry Vanluven, two cords of wood for township hall; \$11.50, Jackson Press, printing, financial statements; \$6, Rigney & Hickey, legal advice. \$1.60, Arthur Walker, opening road. Applications for assessor were received from H. W. Halferty, Howard Buck, Owen Fitzgerald, C. S. Woodruff and Robert J. McFadden. On motion, Hagerman-Walker, Robert J. McFadden was appointed assessor at a salary of \$125, including extras. On motion, Hagerman-Walker, the collector's time was extended to the next meeting of council. On motion, Hagerman-Walker, the auditors' report showing a debit balance of \$219.67 was adopted. On motion, Spafford-Hagerman, council granted Asel Smith \$10 per month for three months. Councillor Knight to look after the same. On motion, Hagerman-Walker, the clerk is to notify all parties to cease placing ashes or any refuse on the streets and highways of this township or suffer the consequence of the law. On motion, Spafford-Hagerman, Loughboro township agrees to pay \$100 and one-half of the cost of fencing on the proposed road diversion at Knowlton Lake Hill, providing that Portland township does likewise. The bill of Mrs. John Garvin for fencing was laid over. The question of a grant to the public library was also laid over. E. R. Harris addressed council on the subject of business exemption for the hotels in Sydenham, and the matter was left in the hands of the clerk and assessor for further information. Council adjourned to meet Mon-

WOMEN OF THREE GENERATIONS

The daughter, mother and grandmother have all proved from personal experience the remarkable strengthening and tonic properties of Lydia E. Pinkham's Vegetable Compound in overcoming the ills of women. It was first made from roots and herbs in 1873 by Lydia E. Pinkham, of Cobourg, Ont., for her neighbours and friends. Its fame has spread from shore to shore until it is now looked upon by women everywhere as the standard remedy for women's ills. It has been proved that it benefits 98 out of every 100 women who try it, which is a marvelous record for any remedy to hold.

day, March 2d, at 1.30 p.m. or at the call of the revee. —ROSS G. GUESS, Tp. Clerk.

W. H. Ireland, Hastings, was selected as chief Conservative whip in Ontario house, and W. E. Rowe, Simcoe, assistant whip. The U.F.O. endorse the leadership of Hon. Manning Doherty. J. W. Freeborn, East Middlesex, selected as U.F.O. whip.

Image of a coffee tin with the text 'Brought to your home with the original flavor retained.' Below it is 'Rideau Hall Coffee'.

Linger Awhile. Today's fox-trot sensation! Three other dance gems! There Are Some Things You Never Forget—Fox Trot (from the musical comedy "One Kiss") Your Lips—Walks (from the musical comedy "One Kiss") International Novelty Orchestra Take, Oh Take Those Lips Away—Fox Trot (from "Ziegfeld Follies") Brooke Johns and His Orchestra A Love Song—Fox Trot (from the musical comedy "The Magic Ring") The Manhattan Merry-makers I Tweet, I Tweet—Fox Trot I've Been a Fool—Fox Trot The Manhattan Merry-makers HIS MASTER'S VOICE, LIMITED. 10 inch high quality 75¢ or His Master's Voice dealers. His Master's Voice Victor.