

POULTRY

FEED LAYING HENS IN COLD WEATHER

In feeding laying hens, only one-half to one-third as much of the scratch feed should be fed in the morning as in the evening, according to the instructions accompanying a list of rations for laying hens recently compiled by T. A. Bittenbender of the poultry husbandry department, Iowa State college.

He states that the mash feeds should be left before the birds at all times. It should be fed in the morning hoppers. It has been found that mash moistened with hot water or buttermilk fed in the middle of the morning will increase the egg production noticeably during the winter months.

The green feed should be fed at noon or soon after. Sprouted oats, steamed alfalfa leaves, cabbage, beets, mangels or a small amount of fresh sludge will answer the purpose. Green feeds and mash are very essential, according to Mr. Bittenbender, for the highest possible production of eggs during the winter months.

Some scratch formulas which Mr. Bittenbender recommends are as follows: 200 pounds of corn to 100 pounds of oats; or 200 pounds of corn, 200 pounds of wheat and 100 pounds of oats. For a mash formula the following is recommended: 150 pounds bran, 100 pounds middlings or shorts, 100 pounds ground oats, 100 pounds ground corn, 50 pounds tankage, 5 pounds salt, 20 pounds bone meal and 20 pounds of ground limestone. To this as much liquid buttermilk, sour skim milk or paste buttermilk as the birds will consume should be added. Forty pounds of dried buttermilk can be substituted for the liquid milk.

Cheap, but Ideal Floor for the Poultry House

Eight inches of cinders, gravel or crushed rock covered with about two inches of rich cement will make a cheap but ideal floor for the poultry house. The porous material under the cement will tend to keep the floor dry. The filling should be tamped until it forms a solid base for the concrete.

Hollow tile forms perhaps a more satisfactory base for the cement, and only one-half inch of cement is needed to cover a carefully laid floor. It is more expensive than the other filler. It should be laid on a layer of sand and then covered with rich cement to make a smooth surface which is more easily cleaned.

Nebraska Station Gives Ration for Laying Hens

The ration for laying hens should have yellow corn as its basis and also contain mineral, animal protein, and a green feed. Cracked yellow corn as a scratch feed and sprouted oats for a succulent feed, plus a selfed dry mash made up of 150 pounds of corn meal, 150 pounds of shorts, 100 pounds of bran, and 100 pounds of meat meal or tankage is recommended as Ration No. 1 by the new Nebraska Station Circular 23. Three other rations are listed on the back page and the circular as a whole deals with principles and methods of feeding for an average of above 150 eggs per hen per year.

Try Sprouted Oats

There is nothing that does more to promote egg production and the general health of the fowls during the winter months than sprouted oats. This is such a cheap feed and oats are so easily sprouted that it is surprising that there should still be some breeders who do not regularly feed sprouted oats to their birds. A good sprouter should be considered a necessity on every poultry plant. They can be had in many forms and in any size to suit the largest as well as the smallest poultry raiser. If you have never fed sprouted oats, try it.

Poultry Notes

If houses and coops are not kept clean lice and mites take control of things.

Don't forget gravel for the hens when snow covers the ground—it's their teeth.

Make a close examination frequently to see whether birds are gaining or losing in weight.

Health, vigor and vitality must be maintained in poultry if winter eggs are to be obtained.

Resolve that this year, if never before, you will supply plenty of litter and see that it is changed often.

One authority says that eggs from hens fed milk freely will hatch better and produce more vigorous chicks.

Convenience for both hens and caretaker should be considered when building a poultry house. Convenience means cleanliness and cleanliness means health. The arrangement of fixtures such as water stands, nests, roosts and droppings board, broody coop and mash hopper should be such as to promote ease of cleaning and saving of labor in caring for the flock.

AROUND OUR TOWN

SHELBY SIDELIGHTS

—BY RENN DRUM—

By this time folks down to Chapel Hill must have decided that Shelby High school students can do a little bit of everything—and do the little bit pretty well.

Baseball, football, debating and tennis. While they're dickering about a Chamber of Commerce the publicity the town receives is brought about through the high school students.

Along comes a letter to this office from a woman in Wyoming saying she knows all about Charlie Ross and Julius Dellinger. Whereupon we pass on to her our prize for being quite a bit smarter than a combination of Solomon and Sherlock Holmes. The "sneakers" George Abernethy knows in Florida wouldn't say that.

A. D. James writes a story for this estimable sheet and tells of violets that bloom in December. Which is out of place, if anything is but we've heard of extracts that wasn't in cakes. Sure is a funny world, if you don't happen to be facing a judge, and Shelby has its share of the comedy.

Further proof that it's a funny old world may be found on the front page of the last Star to twinkle last week. It told of really agents looking for business, of a Legion post seeking members, of an embryo Chamber of Commerce out for money, and of a farmer wanting rain. The only one to get anything, according to that issue was the farmer. He prayed for his, Mencken might call that funny—religious comedy—but who ever heard of anyone about to die sending for a man like Mencken?

Since we're trying to be funny a joke is in order. It was told by Odus Mull after he lost a golf ball out at Cleveland Springs—mebbe:

The scene is in a hospital in Scotland.

"Who are they operating on now?" inquired a nurse of an orderly.

"A poor fellow who had a golf ball knocked down his throat," was the reply.

"Oh," said the nurse, "and who's the man waiting so nervously in the hall, a relative?"

"No," said the orderly, "that's the golfer; he's waiting for his ball."

Today's Shelby puzzle: Who remembers the best "boss" trader in the old "boneyard" days in Shelby?

Eugene Ashcraft, who conducts a coliseum in the Monroe Enquire, gets off more original puns than Noah put off original animals off the ark. The other day Mr. Ashcraft was riding down a street in Monroe when a lady backed her car out from the curb and into his. The Monroe editor told of it something like this: "The woman who backed her car out in front of me is no kin to Lots wife, Lot's wife looked back."

Rev. C. J. Woodson, who announces himself for the State Senate, is at least frank about matters. He says, in effect I do so without solicitation and on my own initiative. Which brings the population of Cleveland county nearer back to a normal stage. Some 15 candidates have already been "beseched by friends," and there being so many friends the coliseum had about decided to have a new census taken of the county to see where they were all coming from.

Of course all these friends may be like the perpetrator of this coliseum—friendly to all of 'em as long as the cigars last and not caring much which is elected as the world will rock along about the same a week after the primary is over. Of course there'll be a bit of another kind of rocking before that time.

Anyhow, a primary isn't half as necessary as an undertaker in Her-rin, Ill.

George Washburn says he always wondered how it would feel to walk across a floor covered with upturned tacks. He knows how it would look; he's seen the Charleston.

A sideview and a slant ear of the southside of the court square most any morning in the week; J. P. Austell hiking it back to the barbershop from the postoffice; strains of "Yes, She's My Baby" floating out the door from Pendleton's music store; County Agent Hardin looking at the grass that hasn't come up in the court square; the click of bumping ivory coming from the pool room in the alley down toward Truelove's cafe; Mr. Ebeltoft leaning in his doorway with his hand against the jam wondering why Dr. Osborne is late; whistled snatches of "Show Me the Way to Go Home," and a hearse rumbling up street.

O. O. McIntyre says: Broadway's new definition for tightwad—a mackerel. We say: Shelby's old definition for anything not a tightwad—a fish.

We read once about a man swallowing a nickel. We don't believe it. Nobody seems to want to cough up much coin around Shelby for a Chamber of Commerce. Everybody seems to want to do their individual blowing, which may be best after all.

everybody's horn will get tooted then.

Errors Give Game To Charlotte Club

Breaks Coming at Wrong Time Defeat Shelby Boys at Charlotte In Very Close Game.

Charlotte—Dame Fortune smiled upon Coach Rawsons Charlotte High baseball nine Saturday and caused Anthony to boot Robeson's liner which allowed Mason to score the winning run after two men were out in the ninth. The final count was Shelby 2, Charlotte 3.

Things began to look bad for the locals when Kerr walked and was scored by Harris' timely bingle in the third section. This rally shortened when Wood fanned the next batter easily.

Mason scored two of Charlotte's runs the first coming in the fifth and the last in the closing minutes of the game. Wilkie was the other Charlottean that crossed the plate.

Charlotte.....000 011 001—3
Shelby.....001 100 000—2

You can't make yourself happy, but any fool can avoid the things that make him unhappy.

The weakness of a bull market is that bull can't support prices indefinitely.

It might help Europe a lot to have umpires to hate.

SERVICE BY PUBLICATION NOTICE

North Carolina—Cleveland County, In the Superior court, Lena Melvin, plaintiff,

vs. W. V. Melvin, defendant.

The defendant above named will take notice that an action entitled as above has been commenced in the superior court of Cleveland county, N. C., by the plaintiff, Lena Melvin for absolute divorce from the defendant on the grounds of 5 years separation, and the said defendant will further take notice that he is required to appear in the office of the Clerk of Superior court, at the court house in Shelby, N. C., on May 19th, 1926, and answer or demur to the complaint in said action or plaintiff will apply to said court for the relief demanded in said complaint. This April 18th, 1926. GEO. P. WEBB, Clerk Superior court.

Jno. P. Mull, atty. for plaintiff.

SOUTHERN SHOPMAN PRAISES IT

"Several months ago I started taking Herb Extract known as HERB JUICE, which I admit I thought was just another advertised product. I was a little skeptical about it at first, but in a very short time, however, I began to sit up and take notice. Since giving it a good trial, I think it is the best medicine sold today for stomach trouble and constipation," said Mr. A. F. Wyrick, Southern Railway shopman, Salisbury, N. C.

Continuing his statement to the local Herb Extract known as HERB JUICE representative, Mr. Wyrick said: "I had used other medicines for my ailments, but I must candidly confess that nothing has ever displayed its merit as a real medicine like Herb Extract known as HERB JUICE has. I had heard so much about this medicine, and was personally acquainted with several who had used it with good results so I decided to try it myself. The first bottle proved to me that it is a real medicine and one that can be depended upon to give quick relief and last results. I have taken several bottles and can truthfully say that it has made a great improvement in my health generally. That is the reason why I am so eager to tell others about Herb Extract known as HERB JUICE, for it has put me in such a splendid condition again that living is now a pleasure and what it should be. It is one medicine anyone can take with confidence of being benefited. I know from experience that it will do all that is claimed for it. No more sour stomach or gas pains, constipation, liver and bowels regulated and in splendid working order—these are the real benefits I have secured through the use of Herb Extract known as HERB JUICE. It has certainly toned me up all over; my whole system is in fine condition and I feel as if I had 100 per cent, more vim and vitality. I gladly give this statement in the hope that others who have not already tried this great remedy to take it for their ailments, for I am sure it will help more than anything."

For Sale by Druggists Everywhere.

POULTRY

GREEN FEED IS OF GREAT IMPORTANCE

Green feed is fully as important as either scratch grain or dry mash, and comparatively few farmers feed green food as it should be fed. A truly successful poultryman regards green feed as important as mash, scratch grain or water, and sees to it that his birds are supplied daily with green feed in some succulent form. Sprouted oats are most desirable where it is convenient to sprout them. The oats should be soaked in warm water for 24 hours, then spread in shallow trays, boxes, or pans, and kept at a temperature of from 60 to 90 degrees until the stem sprout of the oat is between one-half and three-quarters of an inch in length. At that stage, the oats carry the greatest amount of food value and succulence. It should be remembered that the green feed is fed for succulence and not necessarily for green color.

If it is not convenient to sprout oats, any root crop may be substituted. Mangels, sugar beets, or raw potatoes, carrots, turnips, beets, any good root crop, fed raw, is satisfactory green feed. When cooked, however, they are still good feed, but have lost their value as green feeds. In feeding root crops, the roots should be chopped and fed in troughs or hoppers so that all the birds have access to them, says a writer in the Michigan Farmer. Where root crops are not obtainable, squash or pumpkin chopped, or apples, may prove satisfactory. Alfalfa that has been steamed or soaked, is better than nothing, but, at best, a rather poor substitute for a good succulent green feed. The birds should be fed at least once per day all of the green feed, in some form or other, that they will clean up.

Mark the Nonlayers to Avoid Use as Breeders

It is very important for the proper development of the pullets that they be separated from the old birds. Particularly is this true for late hatched and immature pullets.

Remember that much mash is needed for production, but that ample grain must be fed to give the birds protection from the cold.

Some form of artificial lighting to offset the short days pays well when used on these pullets. A gasoline lantern may be used if electric lights are not available. The evening lunch method is the simplest where the lantern is used. Feed the birds grain as usual before they go to roost. Light the lanterns at eight o'clock and feed more grain, all they will clean up again. Turn the lights off at nine o'clock.

Late pullets which are not grown by December night as well be used for food and feed saved on them. Fully grown pullets which are not laying should molt late next year and be used for breeders if they are not marked.

If the pullets are not laying 40 per cent or better now, there is something wrong. See that there is a good mash, well protected house and plenty of green feed.—O. C. Krim, Poultry Extension Specialist Colorado Agricultural College.

Entertain All Visitors Outside Poultry House

"Entertain your visitors outside the poultry house," is the word sent to farmers by the Ohio State university.

Chickenpox and other poultry diseases are often spread by people traveling from farm to farm, the university poultrymen explain. And with eggs at present prices, they add, it is wise to avoid all chance of letting disease get a start in the flock.

"Chickenpox, roup and canker are appearing all over the state," the letter to poultrymen continues. "We know very little about the control of these troubles once a flock is infected, but must rely on preventive measures."

Among the preventive measures the poultry specialists list these:

Sick birds should be marked and excluded from the breeding pen. Pullets should be culled throughout the growing season and the weaker birds removed. Poultry houses must provide ventilation in hot weather and protection from draft and dampness in cold weather.

Feed a complete ration, including minerals and vitamins and plenty of green feed. Handle a few birds every night to see whether they are in good condition. Remove birds from the flock when they show the first symptoms of sickness, for one sick bird may contaminate the whole flock.

Health of Fowls

The best way to keep in touch with the health of the birds and to detect digestive disorders, etc., at the earliest possible moment, is to make a practice of inspecting the droppings boards every morning. Simple looseness of the bowels, indigestion due to too rich a ration, liver troubles, excess animal food, etc., can all be detected by the condition of the droppings; and the general tendency to intestinal disorders thus shown should receive immediate attention.

Fate Of Raleigh's Lost Colony May Be Revealed

Raleigh.—After more than three centuries the mystery that surrounds the fate of Raleigh's lost colony on Roanoke Island may be revealed in newly discovered documents in the Spanish archives in Madrid and Seville now being brought to America by the Carolina Historical Commission to be made available for the first time for historical research.

Ten thousand pages of the ancient manuscript reports of Spanish explorers and adventures in North America, beginning with a voyage into North Carolina waters about the time of the disappearance of the Lost Colony and continuing down through the Aaron Burr conspiracy and the negotiation between Spain and Col. John Sevier for the delivery been secured.

to Spain of the territory now embraced by Tennessee to Spain have These documentary reports throw an entirely new light upon many phases of the history of North Carolina, and in the opinion of R. B. House, Secretary of the Commission, constitute the most important historical discovery of this generation. For the first time there become available a vast library of information directly touching the early history of the State. It has been lying in vaults in Madrid, Seville and Simancas for centuries.

Translation and publication of the archives will be undertaken as soon as arrangements can be made and adequate funds secured. Photostatic copies of the archives have been received here, and the translation, will be undertaken at an early date. This far only notes of the contents of the documents are available, but they indicate clearly a close connection with the history of the State, and many startling new disclosures.

First intimations that the Spanish records might contain data of interest to the North Carolina historian came from Dr. William R. Shepherd, professor of Spanish history at Columbia University. Dr. Shepherd, while examining some of the records in Simancas, discovered several that contained references to explorations that extended from Florida into South Carolina. He suggested that the State Historical Commission should investigate.

Dr. W. W. Pierson, professor of history at the University of North Carolina, was in Europe on a leave of absence at the time, and on behalf of the Commission he undertook a more detailed investigation. He found some documents in Madrid and Seville. Many of them were poorly kept, and some had been de-

stroyed. Spain had lost interest in them but declined to give them up. There are thousands of items in the record dealing with the early colonization enterprises of the Spaniards.

Permission was secured from the Spanish government to have photostatic copies made of the records, and the work was entrusted to Miss Irene A. Wright an American woman who has been doing research work in Spain for several years. She has gone through the mass of records, selecting only matter that deals directly with North Carolina. Thus far 10,000 pages of manuscript have been photographed and sent here.

The records are mainly reports of

expeditions sent out to explore the New World and to check the expansion of the French explorations. The Spaniards found themselves shut in with only Florida undisputedly theirs. The British had taken the West Indies and were planning to colonize the main land. The Spaniards were particularly jealous of the attempt to plant a colony in North Carolina.

Was Colony Destroyed? Translations have not yet begun but it is indicated that there was undertaken an expedition along the North Carolina coast toward the end of the 16th century to put down the attempts of the English to plant a colony there. It is possible that the Lost Colony was destroyed by the Spanish, though it cannot be definitely determined until the manuscripts are translated.

In significant guests are better. They're afraid to burn the furniture with cigarette butts.

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