

Most Eggs Still Sold In Shells, But Not All

HAYESVILLE - Even though some eggs have been sold on a trial basis by breaking them out of the shell and placing in glass jars, most of the eggs are sold to consumers with the shell still rapped around them. One of the problems that poultrymen encounter during warm weather is egg shell thickness or strength. This problem usually starts in the spring (about March) and continues into fall (about October). As the temperature increases during the summer, the number of thin shells seems to increase. Since high temperature is one of the main enemies of shell quality, as well as egg quality, poultrymen may want to provide as much protection as possible and practical for the hens during hot weather.

Research workers have found that when hens were placed in a 90 degree temperature, their level of calcium in the blood would be 25 to 30 percent less than when the hen house temperature was 70 degrees F. Also, high humidity in the laying house seems to cause the hens to lay eggs with thinner shells. In hot weather hens may eat less feed. Should the temperature climb to 95 degrees F, feed consumption may drop off as much as one fourth. On this basis a 2,000 hen flock could eat about one and one half bags (150 pounds) less feed each day than they had been eating during cooler weather (based on 100 hens eating 28 pounds of feed per day). When hens eat less feed they are apt to lay fewer eggs with thinner shells. There is some thinking that if the protein, vitamins and minerals are stepped up in hot weather this will help to offset this loss. Some producers feed an all mash laying ration that runs about 18 per cent in protein during hot weather.

Peachtree News

By Mrs. Dock Sudderth

The Rev. R. C. Shearin will be guest minister in a revival at the Peachtree Baptist Church, Monday, August 5. Mr. Shearin is pastor of Pine Chapel Baptist Church, Hampton, Va., and has conducted revivals here in the past. He is a former pastor of the Baptist Church here, and a wonderful evangelist. Rev. Barker invited everyone to attend this meeting.

Mr. and Mrs. Homer Lee Zimmerman, Linda, Patricia and William of Milwaukee, Wis., visited Mr. Carl Zimmerman and Mr. and Mrs. Claude Barnett last week.

Mr. and Mrs. Charles Stiles and Diane have returned home from a week's vacation at Myrtle Beach, S. C.

Mrs. Carl Sudderth has been in a local hospital for three weeks. Her illness was complicated with a heart attack a few days ago. But we are glad to report she is better now.

Mr. and Mrs. James Stiles and son, James Jr., of Baltimore, Md., spent a few days last week with James' Uncle and aunt, Mr. and Mrs. Claude Stiles.

Mrs. Paul Ledford and Sandy left by plane Sunday for a vacation in Washington, D. C.

M/Sgt. and Mrs. Leon West Jimmy, Mike and Carol of Dayton, Ohio, are spending a few days with his mother, Mrs. Harley West.

Mrs. Janice Tucker and daughters, Edwina and Diane and Mrs. Mary Roberson of Rock Hill, S. C., and Mrs. Cante Johnson have been spending a few days with Mr. and Mrs. James Swain.

Mrs. Dock Sudderth and Miss Kate Robinson spent Saturday in Hendersonville.

Mr. and Mrs. Carson Rogers and Patty of Atlanta, spent the week-end with his parents, Mr. and Mrs. Ralph Rogers.

Miss Kay Zimmerman and Randal Hanson of Atlanta were week-end guests of Kay's mother, Mrs. Rozelle Zimmerman.

If feed is allowed to sour in the water fountain, it is likely to cause a digestive disturbance (upset stomach). When this happens, the hens are unable to absorb the food nutrients from the feed and thin shelled eggs as well as fewer eggs may be observed in flocks with digestive disorders. This is one very good reason to keep the water fountain clean and disinfected. Cleaning fountains daily and disinfecting once or twice each week is not too often during hot weather. There is some research work here at N. C. State University that shows that hens are apt to drink more water if the fountains are disinfected with a chlorine disinfectant. Also, Clemson College has found the chlorine powders to have a very high efficiency rating for killing bacteria.

Remember, if you want your hens to lay well and to produce eggs with good shell texture during the hot weather, you should keep them cool; keep the water fountain clean and filled with cool water, keep the hens eating, and prevent feed from souring in the waterers.

Tobacco Harvest Time Is Here

By Ronnie Atkinson
Asst. Agricultural Ext. Agent

Tobacco harvesting time is almost here again. You should be making plans now for harvest. Clean out that barn or shed, get those sticks out, make or buy new ones if necessary, cut any high weeds or bushes around the barn, check on knives and spears and hoes, which can be scarce at times. Up until harvest you put a lot of time, money, and energy into a tobacco crop. Why not continue along these lines and turn off a real good crop.

HARVEST ONLY RIPE TOBACCO

Ripe tobacco cures faster, weighs more when cured and has higher quality. It is less likely to damage during the curing process than green tobacco. You take less moisture into the barn with ripe tobacco, which will speed the curing process.

Cherokee County tobacco producers lose several thousand dollars each year by harvesting immature tobacco. Why don't you wait until your tobacco is ripe this year before cutting. You can't afford to lose a few of those bottom leaves and let that top turn yellow.

You might be interested in the tobacco demonstrations we have in the county. The demonstration using M-H30 is on the farm of Robert Bristol, Andrews, and a side-dressing demonstration is on Bascom Lovingood's farm in the Peachtree Community.

Joy Sudderth, Randy Barnett and Jimmy Mann attended the Little Folk School at Brass-ton last week. The children enjoyed folk dancing and singing. The commencement was held on Sunday night.

Elbert Stiles and Mrs. Tommy Moore and baby have arrived here from Colorado Springs, Colo. Mrs. Moore and daughter will spend a month with her parents, Mr. and Mrs. Claude Stiles and other relatives.

Recent guests of Mr. and Mrs. Bill Barnett were: Mr. and Mrs. Bill Scroggs and daughter, Genelle of Navarr, Ohio, M/Sgt. and Mrs. Leon West, of Dayton, Ohio and Mr. and Mrs. Clinton Barnett of Canton, N. C. Bill Barnett went to Asheville Wednesday for medical treatment.

Miss Shirley Rogers spent last week - end with her parents, Mr. and Mrs. Ralph Rogers. Her sister, Judy and father went to Asheville and purchased Shirley a new car. Shirley is employed as secretary at Bristol-Myers Laboratory in Atlanta.

Lightning damaged a television, water heater and telephone in the home of the Rev. Robert Barker during an electrical storm last Saturday.



F. J. DAY, OF THE BLUE VALLEY FARM, Hayesville, Rt. 2, is shown with a Dorset Ram which he recently purchased. This ram was runner-up in the Ohio State Dorset Show.

ASCS News

June C. Waldroup
Clay ASCS Office Manager

HAYESVILLE - Farmers are now receiving final payments for participation in the 1963 Feed Grain Program. A total of 209 Clay County farmers are diverting 1,204 acres from the production of corn to conservation use under this program. These farmers will receive a total payment of approximately \$45,000. Of this amount \$40,000 will be diversion payment and \$5,000 price support payment on acreage planted to corn on participating farms.

Farmers will be notified when to come and sign for their final payments. There are a few cases on which payment cannot be made until further adjustment of acreage is made.

TOBACCO ALLOTMENT

Two hundred nine farms in the county have a total of 96 acres of burley tobacco.

allment. Of this number 191 planted acreage for harvest this year. Thirty farmers had acreage planned in excess of their farm allotment. Of this number, all but two have destroyed the excess, thus becoming eligible to market their crops penalty free and with Government price support. The penalty for burley tobacco marketed in excess of allotment for the 1963 marketing year will be 44¢ per pound.

1963 ACP

Farmers who are not taking part in the 1963 ACP are urged to apply at the ASCS office for assistance to carry out conservation practices on their farms. Funds are not available at this time for second approvals. Farmers that are not now participating will be given an opportunity to sign up and if they do not request all of remaining funds, some second approvals will be available.

Agriculture in Action

By VERNE STRICKLAND
N. C. Farm Bureau Federation

COMPLACENCY IS EROSION TO AGRICULTURE

We Americans are accused of being a pretty complacent people today. And it is a self-appraisal, for the accusation comes from Americans.

Look at the shameful voting tallies, for instance, in most any election that comes along. Many of us, it seems, just find it too much trouble to have some say about who represents us.

Some would contrast the spirit of present generations with that of the hardy people who made America free two hundred years ago. Perhaps we wouldn't come through so proudly when seen in such a probing light.

But look to more recent history. Alive today are many men who carried arms for their country through World War II, and through Korea. We do rally to the cause when we are called.

Do we have a similar history in agriculture? Let's recall a crisis, and how it spurred farmers to action. Back in 1933 - a dismal time for those who remember - Cotton was bringing ten cents a pound, peanuts three cents a pound, and tobacco about eight cents a pound when it could be sold at all.

Farmers decided it was high time that something be done. A retired county agent from an eastern county recalls those lean times.

"Everybody was ragged and worn out. Folks who had cars couldn't even buy batteries to start them. I remember people parking their cars on hilltops so they could start them by pushing them down the hill. Farmers were suffering very much."

Farmers decided that they must organize if they were to have a voice in the prices for which they were to sell their products. In 1936, they formed the North Carolina Farm Bureau.

On the way to the decisive meeting in Raleigh, the county agent noted that the "could have picked up one hundred farmers on the road if I had had room."

They were so intent on action that they walked to the meeting because they had no transportation! They were pressed by a crisis, and they were burning with a desire to pull themselves up by their bootstraps. And they did.

We are not at this low ebb today. But who will deny that we have pressing problems, and a multitude of them? Farmers need to be just as concerned with their problems, and just as willing to exert an effort to get something done, as they were back in 1936.

In the early fall, Farm Bureau's policy development process will begin anew. Farmers who participate will set the organization's policy for a new program year.

With determination and initiative, the hurdles can be cleared and the situation salvaged. But every farmer must take it upon himself to speak for himself. Complacency is erosive to agriculture.

Tractors are involved in more farm accidents than any other farm implement. But other machines have higher accident rates because they are used less. Based on hours of operation, the combine is the most dangerous farm machine.

Clay County 4-H Events Outlined For August

HAYESVILLE - Several important 4-H events are coming up within the next two or three weeks, including 4-H Forestry Camp, Wildlife Conference, Electric Congress, and the Western District 4-H Leadership Conference.

4-H FORESTRY CAMP
Each year one 4-H boy from every county in North Carolina is selected to attend 4-H Forestry Camp at Camp Millstone. These boys are selected on the basis of their Forestry Record books. The boy having the best record is given the opportunity to attend Forestry Camp with expenses paid. The winner in the 4-H Forestry Project in 1962 in Clay County is Ray Chambers, son of Mr. and Mrs. Henson Chambers. This year's camp will be held August 12-17. Sponsor of the 4-H Forestry projects is Southern Bell Telephone and Telegraph Co.

4-H WILDLIFE CONFERENCE

This year's 4-H Wildlife Resource Conference will be held at Manteo, N. C., August 5-10. Two 4-H delegates from Clay County will be attending this year's conference - Betty and Sam Davis, Jr. Sam, Jr. will be serving as Jr. Leader at this Wildlife Conference. Seventy-five boys and girls are selected to attend Wildlife Conference on the basis of their 4-H Wildlife record books. The conference is sponsored by the Federal Cartridge Corporation. Boys and girls attending Wildlife Conference have the opportunity to learn more about the con-

Peachtree HD Club Meets

by Mrs. J. V. Gist, Reporter

Misses Mae and Dale Sudderth were hostesses to the Peachtree Home Demonstration Club for their meeting on August 1.

Mrs. C. M. Hendris, president, called the meeting to order and Miss Dale Sudderth gave the devotion entitled, "Little Things" using Second Kings 5: 1-14 verses as the Scripture reference. She continued that someone has said "few of us will ever attain greatness but no one need be oppressed by haunting memories of unaccepted opportunities to do the little things, for the little words are the sweetest to hear; little charities fly farthest and stay longest on the wing; little hearts are the fullest, and when nature would make anything especially rare and beautiful she makes it 'little' like little pearls, little diamonds, little dew."

She admonished us to heed Moffit who said "Let us gather up the little bits of time and influence, and money, and opportunity which we generally throw away and weave them into a life rare and beautiful." The demonstration on "Nutrition up to date" was given by the Home Economics Agent, Miss Wheeler. Most authorities on Foods and Nutrition agree that there is no better diet than the one a person has been eating for the last 20 or 30 years which has kept the person in robust health. However, if because of additional weight one needs to be concerned, the solution is to cut down on quantities and not change to some bizarre menu which will disrupt the eating habits of the entire family.

Eating too much makes us tired -- saps our energy and results in too much weight to carry around.

One authority warns us that we put weight on an ounce at a time and soon we find it harder to stoop over, harder to breathe properly, more difficult to stand and walk without tiring easily. A person who tends to put on weight will never change this basic pattern. She must be prepared to live a life of dietary discipline.

Eating properly is only a part of the overall health problem but a very vital part. Most of us should get down to business and do something concrete about good nutrition, rather than giving to much lip service to dieting because we lack the will power to control our appetites, the speaker told us.

servation of our natural resources.

4-H ELECTRIC CONGRESS

Mary Evelyn Spurr is Clay County's delegate to 4-H Electric Congress this year, which will be held in Charlotte, N. C., August 12 - 14. The delegates to 4-H Electric Congress are chosen on the basis of their 4-H Electric record books which are sent to Raleigh for judging. 4-H Electric Congress is sponsored by the major power companies in N. C. The sponsor for our area is Nantahala Power and Light Company, Franklin, N. C. Mary Evelyn is the daughter of Mr. and Mrs. George Spurr of Elf community.

LEADERSHIP CONFERENCE

The Western District 4-H Leadership Conference will be held August 12-17 at Swannanoa 4-H Camp. Each county in the western district has a quota of four boys and four girls to attend the conference. The 4-H'ers attending will be participating in workshops on Careers, Junior Leadership, Understanding Young People, and Communications. Special interest groups include Long-time records, recreation leadership, and crafts. There will also be special training activities including: Do You Know Yourself? Jr. Leadership Roles, Your Appearance Counts, The Community 4-H Club, Opportunities in Leadership, and Vespers.

Delegates from Clay County will be accompanied to this conference by Freida Dean Morgan, Associate Home Economics Extension Agent.

CLIP PERMANENT PASTURES

There are three requirements for top quality pastures heavy fertilization, desirable plants, and regular clipping. Management is important, too, to avoid over-grazing. Where pastures are understocked, excess herbage can be saved as grass silage or hay. Where rainfall has been adequate, pasture clippings may become an important source of forage feed.

Clip permanent pastures twice a year - in June and August. Clipping in early summer cuts back tough, woody growth of grasses that cattle refuse to eat. It scatters droppings and kills weeds before they seed.

HOGS SHOW NO PREFERENCE BETWEEN WET, DRY FEED

Whether the hog drinks or eats his food evidently is not nearly the matter of concern to the hog as it has been to some of his owners in recent years.

Hog producers, always looking for ways to increase feed efficiency, have become increasingly interested in the potential value of liquid feeding.

Research at North Carolina State College indicates there may be very little to gain from making a switch either way. One form of feed seems to have no advantage over the other.

Dr. A. J. Clawson, associate professor at N.C. State College conducted experiments with dry vs liquid feeding under both self-fed and hand-fed conditions.

The most significant finding of this research is that, under the conditions used, results from liquid vs dry feeding are amazingly similar almost to the point of duplication.

TO CONTROL MOLES

That mole, plowing underground in your yard or garden

is looking for food. He lives almost exclusively on insects found in the yard. Rid the yard of grubs and the mole will look elsewhere. The yard can be made grub-proof by treating it with chemicals such as aldrin, chlordane, DDT, dieldrin, endrin, or heptachlor. One treatment will free the yard of mole-bait for several seasons.

WORLD FOOD CRISIS

World Food Crisis worsens as population growth outruns farm production. Representatives from 104 countries attending the United Nations World Food Congress which recently ended in Washington heard the bad news. Samples: For the second straight year the gain in world food output lagged behind estimated population growth of 1.6% in the year ended last June 20. More than a billion people, a third of the world's population, suffer some degree of malnutrition. By the year 2,000, global population will double to six billion; adequate diets for all requires a tripling of present food production.

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JOHNNY MIKE GREER son of Mr. and Mrs. E. J. Greer, of Grape Creek 4-H Club will leave August 12, for a week at North Carolina's annual 4-H Forestry Camp, at Camp Millstone near Ellerbe, North Carolina. His trip is being sponsored by the Southern Bell Telephone and Telegraph Company. Johnny was selected to represent Cherokee County on the basis of having completed and turned in the best 4-H Forestry Record book and having been outstanding in 4-H Forestry Work in the county.

The purpose of the camp is to develop "Know-how through Show-how." Experienced foresters and woodsmen will demonstrate such things as planting a forest, measuring timber, improving timber stands, harvesting the timber crop, and how to work safely in the woods, plus the care of woods equipments.



by James M. Stewart
County Extension Chairman

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