

INTERESTING FACTS FOR FARMERS

TIMELY HINTS ON GROWING CROPS.

Farm News

Edited by N. C. SHIVER, County Agt.

DOINGS OF CHATHAM FARMERS

STOCK FARMING, POULTRY, ETC.

Lespedeza, a Saver of Soils, and a Friend to the Farmer

Lespedeza has long been known to the farmers of the southeastern United States, but its economic importance has only been realized during the past few years. This legume was known to the early Spanish explorers of Florida, and in fact, it derives its name from one of the early Spanish explorers. Its spread and adaptation to the southern seaboard states is nothing short of remarkable. The value of lespedeza economically was probably first realized in Mississippi and Louisiana, and its spread through the northern seaboard states has been reported as partly brought about by Sherman's invasion, where the legume was used by his army as feed for horses and mules. If this is true, southerners can at least thank Sherman for this much, for the legume is playing a large part in the rehabilitation of worn-out southern soils.

There are five more or less distinct strains of lespedeza that can be utilized by the farmer. They are common lespedeza, the most commonly used of the strains, Korean lespedeza, an earlier and larger strain, introduced by department of agriculture workers from Korea; Kobe, a strain that matures at the same time as the common, but which makes a larger growth; lespedeza No. 76, developed by the Tennessee agricultural experiment station, similar to Kobe somewhat, and used chiefly for hay, and the Essary strain of lespedeza developed also at Tennessee. In addition to this, according to Mr. Q. F. McCrary, district agent, there are a number of other strains, known to botanists, but having no economic importance, which can be found growing in most of our upper Piedmont Carolina counties.

The popularity of lespedeza, and its consequent increase in acreage in Chatham county has been really remarkable. During the late winter of 1926, Mr. S. J. Kirby, extension agronomist, assisted the county agent in inducing twelve farmers to conduct pasture demonstrations. Twelve pounds per acre of lespedeza was recommended in these pasture mixtures, and most of the farmers seeded their pastures in late March and early April. Due to the excessive drought that spring, grasses and clovers, with one or two exceptions, were killed. However, when these pastures were visited in the late summer, it was found that the lespedeza had made a good growth, withstanding the dry weather, when the other grasses and legumes died out. The good results obtained from these first seedings of lespedeza encouraged the county agent in inducing other farmers to try lespedeza the following year. In 1927, some 25 farmers seeded lespedeza, and with no exceptions, this legume did unusually well. In 1928, a campaign for increased acreage was conducted, with the result that 75 farmers seeded 500 acres, and in 1929, the campaign was continued, 1500 acres being put in this year by 500 farmers. This together with the old acreage, gives Chatham county over 2000 acres in this valuable legume.

During the winter of this year, the county agent ordered seed of some of the new strain (lespedeza No. 76, Korean, etc.) for certain farmers for demonstration purposes. Some 750 pounds of these new strains has been seeded by 35 farmers. These strains show promise of becoming more popular, due to their larger growth, and hay making qualities, especially the lespedeza No. 76. In 1929, three seed pans for saving lespedeza seed were introduced in the county, and this year orders have been taken for ten seed pans to date.

What Lespedeza Is Doing for Chatham County Farms

A remarkable demonstration of lespedeza No. 76 was visited by the county agent last week. In late February, Mr. C. H. Lutterloh secured 36 pounds of lespedeza No. 76, and after liming with one ton to the acre, seeded it on three acres of small grain. Lespedeza on this field is as thick as it can stand, and will average well over 20 inches in height. A sample measuring well over two feet was pulled up. Mr. Lutterloh intends to cut a portion of this for hay, and leave a portion to mature for seed. Farmers will be interested in learning the yield on this three-acre field.

Mr. T. O. Justice and J. W. Dark who seeded lespedeza this spring have fine stands, averaging around 14 inches in height. These men intend to order seed pans for saving seed.

Another demonstration with lespedeza No. 76 is being conducted by Mr. M. H. Woody of Siler City route. Mr. Woody selected three acres of grey land, which he describes as being poor and wornout, limed it and seeded 35 pounds of lespedeza No. 76. When visited last week, this lespedeza was well over 17 inches in height, and several samples measuring 20 inches in height were selected. Mr. W. F. Bland, of Pittsboro, seeded one acre with 10 pounds of Korean lespedeza last winter. Mr. Bland describes this one acre field as poor land. Nevertheless, a sample of lespedeza 19 inches in height was obtained from this field.

Mr. W. W. Lutterloh of Pittsboro, route 1, also seeded three acres in lespedeza last spring. This field has

not been visited recently, but when visited in August, showed promise of giving large yields. Mr. Lutterloh expects to harvest seed from this field.

Common lespedeza is somewhat deceptive in growth, in that it does not show its true possibilities for hay production on good land. In an issue several weeks back, we told something of the yield of hay secured by Mr. C. A. Culberson when he clipped 8 acres of lespedeza, Mr. C. W. Jordan recently cut 8 acres of lespedeza for hay. This was the finest field of the common variety that we have ever seen, measuring 17 inches in height. Although we have not secured the yield on this field, one of Mr. Jordan's neighbors reported that the field yielded 15 two horse loads of cured hay.

Mr. Vet Clark of Siler City reports a yield of three big two horse loads of common lespedeza hay from three acres.

Thursday of last week we visited a two acre field of lespedeza behind the Pittsboro school, seeded by Mr. Wes. Harmon in 1928. Mr. Harmon had mown possibly one and one-half acres of this, and the cured hay was covering the field, well over ankle deep.

It is estimated by Mr. S. J. Kirby, extension agronomist of State College, that a full stand of lespedeza, turned under in the soil will supply \$60 worth of nitrogen per acre, at the present price of the nitrogenous materials. Mr. Kirby also tells us that for every inch over 9 inches, lespedeza will cut one ton of cured hay. When we consider how badly some of our fields are in need of organic matter and nitrogen for economic production of crops, and also the need of more farmers producing enough roughage for more livestock, we begin to realize what lespedeza can do for us.

Touching on the soil improvement phase of lespedeza, there were several fields of one year growth of this legume turned for cotton and corn this spring. Mr. J. E. Clark of Pittsboro turned a one-year crop of lespedeza this spring, which is now in corn. Although this corn was replanted several times, Mr. Carr states that he is satisfied that the lespedeza turned under this corn will make him 10 to 15 bushels more of corn per acre than the field formerly made.

Mr. M. H. Woody also turned a field of lespedeza, and followed it in cotton. Mr. Woody states that with favorable weather conditions, he will make a bale of cotton where lespedeza was turned, as compared with less than one-half bale where there was no lespedeza.

Messrs. James and Charles Wicker of Goldston each turned lespedeza for corn this spring, and we believe that the lespedeza will greatly increase their corn yield.

TWO CHATHAM FARMERS ARE FIGHTING BOLL WEEVIL

"Billie Boll Weevil" is being given the fight of his young life on at least two Chatham farms this year, and if the assault does not weaken, he is certain to come out second best.

Last Monday, we visited Wade Paschal's farm. Mr. Paschal has been poisoning for the boll weevil for several years, but he has gone after the weevil in earnest this year, and is getting good results too. He is using a two-row duster and also several hand machines. We first visited a field of late, rank cotton near the farm home. Two applications of poison had been given this field, Mr. Paschal stated that he should have applied at least four poisonings to this field, but the results obtained with only two applications of dust were good. Bolls on this field were fruiting well up the stalk, and the cotton was still blooming. However, on a field several hundred yards from the house, Mr. Paschal is conducting a real poisoning demonstration. Here we have two fields, side by side, one poisoned, one unpoisoned, both fertilized alike and both planted at the same time. Three applications of poison had been given the one field, and the cotton was beginning to open. An average of 12 to 15 grown bolls, well up the stalk was found on this cotton. When we stepped over to the field adjoining, which had not been poisoned, we found where the boll weevil had played havoc. There were less than six bolls (grown) per plant, and several were weevil punctured. It is a safe guess to estimate twice as much lint cotton per acre where poison was used over the unpoisoned field. As to the cost of the poisoning operations, Mr. Paschal states that he does not believe that it will run over \$3 per acre, probably less.

Mr. Paschal is a firm believer in lespedeza for rebuilding poor, worn-out soils. He seeded some thirty-five acres in lespedeza this year, seven acres of which was of the Korean strain. He intends to seed lespedeza in his cotton land, to follow in cotton. Mr. Paschal will probably save enough seed this year to seed all of his cultivated land that is lying idle.

On Friday of last week, we were invited to visit the farm of Mr. Joe Johnson on Hickory Mountain near Kimbolton. Mr. Johnson has a seven acre field of cotton in front of his house that yielded one four hundred pound bale of cotton and one 350 pound bale in 1928. Realizing that he would either be forced to give up cotton or adopt some measure of insuring fair yields, Mr. Johnson decided this year to poison. Here also, we ran into a real demonstration. The seven-acre field has been

given three or possibly four applications of dust. Directly behind this field there is four acres of cotton that has not been dusted. By standing at one end of the row, one can see bolls matured to the top of the dusted cotton, compared with bolls a third of the way to the top on the undusted field. We both made an estimate of at least 2500 pounds of lint cotton on this seven acres, as compared with 750 pounds last year. Mr. Johnson also showed me fields where the cotton had been dusted once, where the dust had been used three times, where squares had been picked up and destroyed and no poison used and where no poison had been used and no squares picked up. Boll weevil damage showed an increase where the application of poison was less, an increased damage where only the squares were picked, and the worse damage of all where no squares were picked and no poison used.

Mr. Johnson is demonstrating clearly that the dust poisoning method, where used several times at least, is most effective in controlling boll weevil, that where poisoning was done less frequently, the boll weevil damage increased, that where squares were picked and no poison used, the boll weevil damage was worse than even the fields where only one application of dust was used, and finally that picking of squares was better than nothing at all, because there were more mature bolls where the squares were picked and no poison used than where no squares were picked and no squares picked. Mr. Johnson and Mr. Paschal are rendering a high type of service to their county in doing this work, and we believe that it is the forerunner of a more intelligent production of cotton, with a subsequent larger yield in Chatham county.

Chatham farmers are awakening to the necessity of improving their farms through the use of lime and legumes. Last week at Siler City and Bonlee, five car loads of lime were delivered to farmers for use under fall-seeded grains and legumes. Another car will be delivered at Moncure shortly, which with the lime loaded in the spring, makes a total of 246 tons of lime being used by Chatham farmers this year.

CHATHAM FARMERS UN-LOADED LIME LAST WEEK

Chatham farmers are awakening to the necessity of improving their farms through the use of lime and legumes. Last week at Siler City and Bonlee, five car loads of lime were delivered to farmers for use under fall-seeded grains and legumes. Another car will be delivered at Moncure shortly, which with the lime loaded in the spring, makes a total of 246 tons of lime being used by Chatham farmers this year.

COUNTY AGENT ON LEAVE

The county agent will be absent from the county from September 23 to October 5. During this time he can be communicated with at Clemson College, S. C.

JUNIOR FARM NEWS

(Activities of the 4-H Club Members of Chatham)

An effort is being made to show a Chatham County Calf club exhibit at the State Fair this fall, and those calf club members who expect to show their Jerseys are busy fitting and training their heifers. The State Fair this year is held during the week of October 12, and we are hoping for a creditable 4-H Calf Club exhibit. Some of the boys who expect to show their Jerseys in the Chatham County Calf Club exhibit are: Billie Harrington, Isaac Bland, Palmer Foushee, Charles Lutterloh, T. C. Justice, Chas. Ferguson, Leon Gilmore, Addison Burns, Frank and Raymond Culberson, E. Guy and Burt Dark and Paul Clark and others.

We feel that through the generosity of the Fair Association, N. C. Jersey Breeders Association and other organizations, our boys should at least make expenses through winning premium money, and possibly much more. Arrangement will be made for the free transportation of these Jerseys to Raleigh, and also for a reliable man to take charge of them while in Raleigh.

ADMINISTRATOR'S NOTICE

Having qualified as administrator of the estate of C. G. Howard, late of Chatham County, I hereby warn all persons holding claims against said estate to present them duly verified on or before September 5, 1930, or this notice will be pleaded in bar of their recovery. All persons owing the estate will please make early payment.

This the 5th day of September, 1929.

L. J. HARWARD, Administrator.

V. R. Johnson, Atty. (Sep 12, 19, 26, Oct 3, 10, pd)

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NOTICE OF SALE OF SCHOOL HOUSES AND SCHOOL LOTS

Under and by virtue of an order duly made by the Board of Education of Chatham county at a regular meeting held on the 2nd day of September, 1929, and in pursuance to the provisions of the laws of the State of North Carolina, the Board of Education of Chatham County will on

Monday, October 7th, 1929, at 12:00 o'clock, noon,

at the Courthouse Door of Chatham County, in Pittsboro, N. C., sell, at public auction to the highest bidder for cash, the following school houses and school lots, which have been abandoned for school purposes:

Climax school house and lot, Albright Township No. 1, containing one acre, more or less.

Mt. Pleasant school house and lot, Baldwin Township No. 2, containing 2 1/2 acres, more or less.

Merry Oaks school house and lot, Cape Fear Township, No. 1, containing 3/4 acre, more or less.

New Liberty school house and lot, Center Township No. 5, containing 1 acre, more or less.

County Home school house and lot, Center Township No. 2, containing 1 acre, more or less.

Hanks Chapel school house and lot, Center Township No. 1, containing 1/2 acre, more or less.

Bethel school house and lot, New Hope Township No. 4, containing 1 acre, more or less.

Brown's Chapel school house and lot, Hadley Township No. 4, containing 3/4 acre, more or less.

Battle Creek school house and lot, Hickory Mountain Township No. 7, containing 2 acres, more or less.

Union school house and lot, Baldwin Township No. 1, containing 1 acre, more or less.

Chestnut Hill school house and lot, Albright Township No. 6, containing 1 acre, more or less.

Wood Dale school house and lot, Albright Township No. 5, containing 1 acre, more or less.

Fairview, Williams Township No. 4, containing 1/2 acre, more or less.

Moses school house and lot, Hickory Mt. No. 3, containing 1 acre, more or less.

Mt. Pisgah school house and lot, Williams Township No. 2, containing 2 acres, more or less.

Mann's school house and lot, New Hope Township No. 7, containing 1 acre, more or less.

Mann's Chapel school lot, Baldwin Township No. 3, containing 1 acre, more or less.

Northeast school house and lot, Williams Township No. 1, containing 2 acres, more or less.

Northeast old school house lot, Williams Township, containing 2 acres.

Gardner's school house and lot, Cape Fear Township No. 5, containing 1 acre, more or less.

Colored school house and lot on Pittsboro-Sanford state highway, containing 1 acre, more or less.

Ragland colored school lot, Cape Fear Township No. 1, containing 1 acre, more or less.

The above mentioned school houses will be offered for sale separate from the lots on which they stand, allowing the purchaser sixty (60) days from date of sale in which to remove same; and then the lots will be offered for sale separate from the houses; and then the houses and lots will be sold together, and whichever way the said property brings the best price is the way the same will be held. Each of the above-mentioned lots will be sold separately.

The Board of Education of Chatham County reserves the right to reject any and all bids.

This the 6th day of September, 1929.

W. R. THOMPSON, County Superintendent Schools, Long & Bell, Attys.

NOTICE OF SALE OF REAL ESTATE UNDER EXECUTION

NORTH CAROLINA: CHATHAM COUNTY. G. J. Griffin, S. B. Griffin, and George H. Brooks, trading under the firm name of Chatham Hardware Company

vs. Fannie Bell Mitchell.

Under and by virtue of an execution issued by the Superior Court of Chatham County, in the above entitled action, directed to the undersigned, Sheriff of Chatham County, the judgment in the said action having been docketed in Chatham County on the 17th day of August, 1929, the undersigned Sheriff of Chatham County, will on

Monday, October 7, 1929, At 12:00 o'clock M.,

at the Court House door of Chatham County in Pittsboro, N. C., sell at public auction, to the highest bidder for cash, for the purpose of satisfying the said execution, all of the

right, title and estate of the said Fannie Bell Mitchell owned on the date of the docketing of said judgment in Chatham County, or acquired since said date, in and to the following described lands located in Center Township, Chatham County, North Carolina:

FIRST TRACT: Four and two-tenths (4 2/10) acres, more or less, of land in Center Township, Chatham Township, North Carolina, conveyed to Fannie Bell Mitchell by Nannie Hackney and her husband, C. E. Hackney, by a deed registered in Chatham County Registry in Book "G.Q." at page 53, to which deed reference is hereby made for a description of the same.

SECOND TRACT: Seventy-seven (77) acres, more or less, of land in Center Township, Chatham County, North Carolina, conveyed to Fannie Bell Mitchell by Ben Grimes and wife, Alice Grimes, by deed registered in Book "G.A.", page 270, Chatham County Registry, to which deed reference is hereby made for a description of the same.

This the 6th day of September, 1929.

G. W. BLAIR, Sheriff Chatham County, Long & Bell, Attys.

NOTICE OF SUMMONS BY PUBLICATION

NORTH CAROLINA, CHATHAM COUNTY. Vannie Miles vs. George Miles

To George Miles, the defendant above named—Greeting:


You, George Miles, will take notice that the above entitled action was commenced in the Superior Court of Chatham County, North Carolina, on the 24th day of August, 1929, by the plaintiff, Vannie Miles, for the purpose of obtaining an absolute divorce on the grounds of five years separation and adultery.

The defendant will further take notice that you are required to appear before the Clerk of the Superior Court of Chatham County, North Carolina, at his office in Pittsboro, North Carolina, within thirty days from the first publication of this notice, which date will be the 28th day of September, 1929, and answer or demur to the complaint of the plaintiff, which is filed in the office of the said clerk, or the relief demanded by the plaintiff will be granted.

This the 24th day of August, 1929. (Signed by)

CLERK OF SUPERIOR COURT A. C. Ray and F. C. Upchurch, Attys. for plaintiff. (Aug 29, Sep 5, 12, 19)


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If you have any of the following symptoms I have the remedy no matter what your trouble has been diagnosed: Nervousness, stomach trouble, loss of weight, loss of sleep, sore mouth, pains in the back and shoulders, peculiar swimming in the head frothy like phlegm in throat, passing mucous from the bowels, especially after taking purgative, burning feet, brown, rough or yellow skin, burning or itching skin, rash on the hands, face and arms resembling sunburn, habitual constipation, (sometimes alternating with diarrhoea) copper or metallic taste, skin sensitive to sunheat, forgetfulness, despondency and thoughts that you might lose your mind, gums a fiery red and falling away from the teeth, general weakness with loss of energy. If you have these symptoms and have taken all kinds of medicine and still sick, I especially want you to write for my booklet.

Mrs. J. D. Collett, Route No. 4, High Point, N. C., whose picture appears here, writes: "During the winter of 1927-28 I took your treatments, and I am glad to say that my family doctor says I have no symptoms now. I look, feel, and am a different person altogether. I cannot thank you and your medicine enough."

FOR FREE DIAGNOSIS AND LITERATURE WRITE: W. C. Rountree, M. D., Austin, Texas.



MRS. J. D. COLLETT

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