Corn Craves Available Nitrogen

son to the way the corn plant craves nitrogen. If all farmers could only understand corn language as well as grandmas understand the pleadings of their grandsons, the yields of corn in the South would increase. These

The desire little Willie has for his | high. More than fifty years ago grandma's gingerbread is no compari- farmers used and found the quick response corn made to applications of Chilean Nitrate of Soda as compared with other forms of nitrogen. Since that time, hundreds and thousands of farmers have profited from the use of side-dressing cotton and corn, and mothers know just how much of their | millions of tons of this material have tempting cakes little Willie should been furnished them from the inex- land, to-wit:

Chile, on the west coast of South

Many claim their corn yields have

been doubled and trebled through the

use of 100 to 200 pounds of "soda" per

acre. W H. Camp of Villa Rica,

Georgia, who was declared by the

in 1928, says: "I have found that 100

to 200 pounds of Chilean nitrate of

rotate my crops, and Chilean Nitrate

use Chilean nitrate of soda as a side

or top dressing on my corn, cotton,

and small grain. I use 100 pounds per

acre. My yields are doubled on corn

and oats and increased a third on cot-

the use of side or top-dressings, as

Distinguished recognition is due the

unknown Southern farmer who, prob-

the first time Chilean nitrate of soda

fact that hundreds of thousands of

to find a better way and time to fer-

tilize these two crops. Encouraged

by the results of the earlier use of ni-

trate of soda as a side-dressing, re-

search workers have found that there

is a critical time in the life of these

two plants when a quickly available

nitrogen applied to them will increase

production more than if applied at

any other time. This time has been

found to be for cotton just before the

first cultivation after chopping, and

for corn thirty-five to forty days after

planting or when the corn is from

knee to waist high. These workers

have also found, in the case of cot-

ton, that best yields are secured when

one-quarter of the nitrogen is applied

just before planting and three-quar-

Above illustration shows remarkable results obtained by side dressing cotton with Chilean nitrate of soda. Yield of plot on left 1231 lbs. Plot on right, which received no nitrate of soda, produced only 378 lbs., a difference of 853 lbs. seed cotton.

Recent experiments at the Ala-

bama Station showed that best re

sults were obtained when 500 pounds

per acre of a mixture composed of 50

pounds of nitrate of soda, 400 pounds

ate of potash was applied under the

crop and side-dressed with 150 pounds

nitrate of soda after the cotton was

It is interesting to recall that it was

a missionary working among the In-

dians of South America who first dis-

covered the wonderful value of this

material as a plant food or fertilizer

Through some mysterious process of

nature it was formed and deposited in

the desert country along the western

This material has been found to

possess many superior qualities and

has been recognized for more than

fifty years as the standard nitroger

fertilizer. In the earlier days it wa-

known as Chile saltpeter; in the

South it is known as "soda," but from

its origin and chemical analysis it is

called Chilean nitrate of soda.

chopped.

shore of Chile.

ters as side-dressing.

farmers are today his followers.

Unknown Farmer



FARM OF D. E. WILLIS, BROOKLAND, TEXAS. Corn at left received no fertilizer. That at right received acid phosphate and muriate of Potash at planting and Chilean nitrate of soda as side dressing when corn was knee high. Fertilized plot produced 43 bushels, an increase of 22 bushels over the unfertilized plot.

have and how often, for if left alone | haustible beds in the little country of he would eat too much for his own

So it is with feeding the corn plant. There is a best time and kind of fertilizer to feed corn to make the most for each pound of plant food used. Commercial nitrogen for feeding plants comes in two forms: slow-acting, such as cottonseed meal; and quick-acting, such as nitrate of soda. The nitrogen in cottonseed meal at the time applied is not available. It must be changed or made available before the plant can eat it. This change takes place through what is generally known as "rotting." The rotting process requires time and, at best, only a little of it is made available at a

Experiments and results of successful farmers agree that best yields are secured when the corn plant is given | ton. I cannot recommend too highly a large amount of quickly-available nitrogen from 35 to 40 days after the corn is planted, or when knee to waist to me."

Master Farmers Side-Dress Cotton and Corn

Many farmers throughout the South who have never side-dressed their cotton and corn will do so for the first time this season, it is indicated. Farmers who have made a practice of side-dressing in the past say that this method of fertilizing cotton insures earlier maturity, increases yields, and lowers the cost of producing the crop.

No farmer can afford to continue e fertilizer practice used before the appearance of the boll weevil, or persist in using cottonseed meal or use slow-acting forms of nitrogen if best results are expected. Cotton requires a quick-acting, readily soluble nitrogen, one the plant can eat or absorb quickly and convert into weed and fruit growth rapidly.

Experiments conducted by the Alabama and other Experiment Stations of the South show that best yields are secured when, in addition to the fertilizer applied at planting time, 100 to 200 pounds of Chilean nitrate of soda are applied at the first cultivation after chopping. Some farmers use two applications, making the second at the appearance of the first squares.

Side-dressing cotton and corn with Chilean nitrate of soda is practiced, it is said, by most all Master Farmers of the South. In reply to the question, "Do you find it pays to sidedress?" Master Farmer B. N. Sykes of Harrellsville, North Carolina, says: "I side-dress 40 acres of corn each year with 100 to 150 pounds of Chilean nitrate of soda, from which I get an average increase of 5 to 8 bushels for each 100 pounds of soda used. I also, use 100 to 150 pounds per acre on my cotton at the first cultivation after chopping, from which I get an increased yield of 25 per cent, and sometimes more."

Professor R. W. Hamilton of the South Carolina Extension Service says the average yield of all South Carolina farmers is 167 pounds lint per acre, while the average yield of our sixteen Master Farmers is 444 pounds lint per acre. The success these farmers have attained speaks highly of the methods they use.

Feed Your Cotton With Chilean Nitrate of Soda

The best of cotton growers are learning to feed their crops, just as the best of livestock men have learned how to scientifically feed their animals. And these cotton farmers are learning that Chilean nitrate of soda, 100 to 200 pounds per acre, applied as a side-dressing by or before the time the first blooms appear, is the finest of all foods for the growing cotton crop. Such a side-application keeps the cotton green and fruiting vigorously, long after cotton not so side-dressed has turned yellow and is throwing off all the little bolls set. "Feed your cotton with Chilean nitrate of soda, and it will fatten your pocket-book," is becoming proverbial with the best farmers in the Cotton

NOTICE OF LAND SALE NORTH CAROLINA: CHATHAM COUNTY:

missioner will on the

18th day of May, 1929, at the Courthouse door in Pittsboro, North Carolina, offer for sale at Public Auction to the highest bidder for N. C., Chatham County, sell at pubcash the following described tract of lic auction for cash to the highest

BOUNDED on the East by Bailey Smith; on the South by J. R. Elkins; on the North by Callie Willet; and on the West by Carlton Caudel, containing forty (40) acres, more or

WARNING.

My son, James Carroll is under age and I hereby forbid any and all persons hiring him or giving him employment in any way without first

This April 12, 1929. TOM CARROLL. (Apr 18, 25, May 2, 9)

NOTICE OF SUMMONS AND WARRANT OF ATTACHMENT

NORTH CAROLINA: CHATHAM COUNTY: IN THE SUPERIOR COURT BE-

FORE THE CLERK. R. J. Johnson R. A. Morphis.

The defendants in the above entitled action, R. A. and wife -Georgia State College cotton champion Morphis, will take notice that an action entitled as above has been commenced in the Superior Court of soda, applied to corn when it is about Chatham County, North Carolina, for waist high, will double the yield. I the purpose of foreclosing a certifi-cate issued to the plaintiff by the Sheriff of Chatham County for ceris the only kind of fertilizer I use on corn." Blaney Sumrell, North Carolina tain land which the plaintiff bought Master Farmer, of Avden, said: "I at a sale conducted by the Sheriff Master Farmer, of Ayden, said: "I of Chatham County on the 3rd day of October, 1927, and to sell the land owned by the defendants in Chatham County, for the purpose of paying the taxes, interest, cost, and expenses of this action; and the said defendants will further take notice that they are required to appear beof Chatham County, North Carolina, at his office at Pittsboro, North Carolina, on the 11th day of May, 1929, and answer or demur to the com-

demanded in said complaint.
The defendants, R. A. Morphis and - Morphis, will, also, take wife, — Morphis, will, also, take notice that a Warrant of Attachment was issued by the Clerk of the Court of Chatham County, North Carolina, and being and being in the Town of Bennett, in Block G, and BEGINNING at Dr. "Not if you will let me hear the ably fifty or more years ago, used for notice that a Warrant of Attachment as a side-dressing on cotton and corn.

He is so obscure that no state can of Chatham County, North Carolina, follows, VIZ:

FIRST TR justly claim him. The effectiveness against the property of the defendants in Chatham County, North Caroof this method is evidenced by the to the Clerk of the Superior Court of Chatham County, North Carolina, Unguided in his efforts, this obscure at his office in Pittsboro, North Carofarmer sought through side-dressing lina, on the 11th day of May, 1929.

This the 2nd day of April, 1929. E. B. HOLT. C. S. C. Chatham County. W. P. Horton,

NOTICE OF SALE OF REAL ESTATE.

Atty. for Plaintiff.

Under and by virtue of a decree made and entered in that certain special proceeding now pending in the Superior Court of Chatham County, North Carolina, entitled "Lou Harrington, et als, vs. Annie Truelove, et als," the undersigned Commissioner will, on

Saturday, the 11 day of May, 1929, at one-thirty o'clock, P. M., at the residence of the late Mrs. A. R. Lawrence, in Cape Fear Township, Chatham County, North Carolina, offer for sale, to the highest bidder, upon the following terms, to-wit: Ten per cent cash on the day of the sale; fifteen per cent upon confirmation of the sale, and the balance on the 1st day of December, 1929, those two certain tracts or parcels of land lying and being in Cape Fear Township, Chatham County, North Carolina, and being more fully described and defined as follows, viz:

FIRST TRACK: BEGINNING at a rock S. W. Harrington's corner, thence north 1 degree west 84 1/2 poles to a stump; thence south 85 west 38 poles to a stake and pointers; thence north 4 west 16½ poles to a rock; thence north 80 west 117¾ poles to a stump; thence south 78 poles to a white oak; thence east 82 poles, stake on gully in a drain; thence south 15 east 52 poles to a pine stump; thence east 82 poles to the beginning, containing 67 acres, more or less, EXCEPT 35 yards square where the grave yard is now. Same being the tract of land conveyed to J. H. Lawrence by deed from M. J. Boyd and wife, dated 18th day of November, 1895, and recorded in the office of the Register of Deeds of Chatham County in Book CR, page

SECOND TRACT: Adjoining the superphosphate, and 50 pounds muri- lands of J. R. Marks and A. F. Harrington, and BEGINNING at an ashe on bank of Cape Fear River; thence east 70 poles to a stake; thence north 30 poles to a stake; thence east 23 1/2 poles to a stake; thence south 2 degrees west 34 poles to a rock pile corner thence 299 ½ poles to corner and pointers on bank of Cape Fear River; thence up said river to the first station, containing 51/2 acres. more or less, same being the lands conveyed to A. R. Lawrence by deed from J. R. Marks, et als, dated January 1st, 1907, recorded in the Registry of Chatham County, N. C., in Book EB, page 493, etc.

This 8th day of April, 1929. WADE BARBER, Commisioner

Siler & Barber, Attys. Some people can make us positively happy if they will leave us alone and keep out of our sight.

SALE OF VALUABLE FARM **PROPERTY**

Under and by virtue of the au-Under and by virtue of the powers thority conferred upon us in a deed contained in the judgment of the of trust executed by John Crutch-Superior Court in an action entitled field and wife, Mary Crutchfield, on 15 links to a stone in the old line; to the BEGINNING. N. J. Hilliard against Lenard Wil- the 11th day of June 1925 and reliams, et als, the undersigned com- corded in Book A. C. page 9, we will on Saturday the 18th DAY OF MAY 1929

12 o'clock noon at the Courthouse Door in Pittsboro, oidder the following land, to-wit:

BEGINNING at a stake in the center of the Fayetteville Road J. W. the West by Carlton Caudel, conaining forty (40) acres, more or ess.

TIME OF SALE: 12 o'clock Noon. PLACE OF SALE: Courthouse for.

TERMS OF SALE: Cash.

W. P. HORTON,
Commissioner

Commissioner

Terms of Sale: Cash.

Commissioner

Terms of Sale: Cash.

Commissioner

Commissioner

The West by Carlton Caudel, conaining forty (40) acres, more or less. The first and second tracts herein conveyed to W. C. Brewer by deed which appears of record in Book BG, page 226.

The Mest by Carlton Caudel, conaining forty (40) acres, more or less at along the old line; thence north 4 degrees east along the old line 14 poles and 3 links to a corner stone, corner of lot No. 1; thence north 82 degrees west 46 poles and 15 links to the BEGINNING, containing 35 acres, more or less. The first and second tracts herein conveyed to W. C. Brewer by deed which appears of the corner; thence south said store building record in Book BG, page 226. taining 42.5 acres and designated as tract No. one of the T. M. Grutch-field and J. W. Crutchfield lands, ac-field lands, ac-fie securing my consent. Any person disregarding this warning will be prosecuted to the full extent of the law of the full extent of the full extent of the law of the full extent of the full tion of said land.

the failure of John Crutchfield & at the northwest corner, Charlie et als, and BEGINNING at a poplar and discharge Crutchfield to pay off John's corner in Andrew Charlie Bnak of Durham.

from the purchaser at the sale.

This the 8th day of April 1929. FIRST NATIONAL COMPANY OF DURHAM, INC., TRUSTEE, FORMERLY FIRST NATIONAL TRUST COMPANY. Durham, N. C.

NOTICE OF SALE OF REAL ESTATE

UNDER and by virtue of the tain deed of trust executed by W. C. thence west 75 feet to a stake on Brewer and wife, Myrtis Brewer, to Chatham street; thence south with the undersigned Trustees, dated the Chatham street 98 feet to the BE-23rd day of December, 1925, and duly recorded in the Registry of Chatham County, N. C., in Book nett Hardware Company. GK, pages 373 et seq., default having been made in the payment of the in the Town of Bennett, N. C., adindebtedness therein described, and joining the lots of the People's Bank corner; thence west 4 degrees north described. the holders of the indebtedness hav- & Trust Company, et als, and BE- 42 chains and 25 links to a post oak they have proven so very satisfactory fore the Clerk of the Superior Court ing made demand upon us to sell GINNING at a point 94 feet from the west side of Travers Branch; to me."

on the west side of Travers Branch; the property hereinafter described, the center of the main line of the control of the main line of the control of the property hereinafter described, the center of the main line of the control of the control of the center of the main line of the center of the c the undersigned will, on

Saturday, the 18th day of May, 1929, at twelve o'clock noon, in front Deserves Recognition plaint of the plaintiff or the plaintiff of the Courthouse door in Pittsboro, ham street; thence 25 feet with Chatham County, North Carolina, Chatham street to the BEGINNING. offer for sale, to the highest bidder for cash, the following described real estate lying and being in Chatham GB, page 86 et seq.

thence north 4 degrees east along the old line 125 poles and 10 links at the intersection of Raleigh and

Crutchfield's corner and running 83 34 degrees east 49 poles to a stone thence with his line South 86 dein the old line; thence north 4 de-NINTH TRACT: BEGINNING

made for a more particular descrip- more or less, see Book FY, page 300

and discharge the indebtedness se- line; thence east with Andrew Brady's to W. D. Cheek's rock corner; thence A deposit of 10% will be required west with W. D. Cheek's line, to a line, Charlie Jones' corner; thence north with Charlie Jones' line to the BEGINNING, containing 52 acres, more or less; see Book GB, page

FIFTH TRACT: Lying and being ner, et als, and BEGINNING on

Bonlee & Western Railway, and runfeet; thence east 50 feet to Chatand being the lot conveyed to W. C. Brewer by M. J. Presnell; see Book

FIRST TRACT: BEGINNING at H. A. Denson's corner on the east orchestra."

a pine on the west side of the road, side of Chatham street, and running thence west 5 degrees along the old east with his line 200 feet to an line 120 poles and 6 links to a alley; thence with said alley 200 feet stone, corner of lot No. 2; thence to the Chatham street; thence with south 82 34 degrees east 46 poles and said Chatham street north 75 feet

to a stone; thence north 83 degrees Lee streets, in the Town of Bennett, west 44 poles and 20 links to the BEGINNING, and containing 35 acres, more or less.

Lee streets, in the Town of Bennets, and running north with Lee Street 200 feet to an alley; thence with said alley 200 feet to another alley SECOND TRACT: BEGINNING about west thence south 200 feet to at a stone in the old line; thence Raleigh street; thence with said south 5 degrees west 114 poles and street 200 feet to the BEGINNING, 16 links along the old line to a stone; EXCEPT a lot 100 feet square in corner of lot No. 3; thence south the southeast corner heretofore sold

Road, thence in a Southwesterly direction 473 feet to a stake corner THIRD TRACT: BEGINNING at on with said line 30 feet to Raleigh rection 473 feet to a stake corner of J. W. Crutchfield's property, con- a stone, northwest corner of lot No.

TENTH TRACT: Adjoining the wife, Mary Crutchfield to pay off John's corner, in Andrew Brady's tree on the south bank of Flatt creek, running in an eastward direction up cured by said deed of trust to the line to W. C. Brewer's corner; said creek, its various courses 18 North Carolina Joint Stock Land thence south with the Brewer line straight line to a stake on the south straight line, to a stake on the south bank of said creek, Corinna Brown stake and rock pile in W. D. Cheek's line with a ditch 6 chains and 25 links to a stake in the original line; thence east 4 degrees south 2 chains and 20 links to a pine; thence north 4 degrees east 16 chains and 25 links to a stake, formerly a pine; thence east 4 degrees south on the original line 10 chains and 6 links to in the Town of Bennett, N. C., adjoining the lands of Mrs. Jettie Fork-Creek; thence up said creek its vari-Chatham street, and running east 75 ous courses 9 chains and 50 links, power of sale contained in that cer- feet; thence north 98 feet to a stone; measured as a straight line to a and 40 links to the BEGINNING, and ning west 50 feet; thence south 25 containing 150 acres, more or less; see Book GK, page 67.
This the 17th day of April, 1929.

WALTER D. SILER

WADE BARBER, Trustees



WHENEVER you see the Chevrolet red "O. K. that Counts" tag attached to the radiator cap of a used caryou know that it represents outstanding quality and value. This tag means that the car to which it is attached has been thoroughly reconditioned and checked "O. K." by expert mechanics - using genuine parts for all replacements. If you are in the market for a good used car, come in. We have an unusually wide selection of used cars taken in trade-and our prices and terms are exceptionally low. Come in today!

USED CARS FOR SALE

| 1926 Ford Touring; good shape | \$150.00 |
|--|---------------|
| 1926 Ford Truck; 32x6 heavy duty tires, extension, new | trans- |
| mission | |
| 1926 Ford Roadster; good shape, new tires | 125.00 |
| 1923 Ford Truck; good tires | 100.00 |
| 1926 Chevrolet Touring; newly painted | 175.00 |
| 1926 Chevrolet Coupe; good condition | |
| 1928 Chevrolet Coupe; good condition | 450.00 |
| 1928 Chevrolet Coach; good condition | |
| The above listed cars will be found at Siler City. 7 | The following |
| may be seen at the Chatham Chevrolet Company's garage at Pittsboro: | |
| 1927 Model Chevrolet Coach, in first class condition, wit | |
| five good tires | |
| 1927 Model Chevrolet Coupe, in good condition, with good tires, \$300.00 | |
| 1924 Model Ford Coupe, in good running condition, with | new |

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tires; a good buy at

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