FERTILIZING COTTON

week's talk on fertilizers shows that whether we take the entire cotton plant or just the seed and lint, which are the parts generally re-moved from the land, there is much more nitrogen required by the plant into them, no nitrogen should be than phosphoric acid. In the seed, used in the commercial fertilizer, and lint this is something like two because it is a produce of the public schools schools. than phosphoric acid. In the seed used in the commercial fertilizer, and lint this is something like two and one-third times as much nitrogen as phosporic acid, and in the nitrogen as phosporic acid.

Several Witnesses to Be Called. The following is from Wednesmit that the majority of school children at the age of 14 have acquired and potash, especially if the plants are not well spaced.

Several Witnesses to Be Called. The following is from Wednesmit that the majority of school children at the age of 14 have acquired very little of either knowledge or the capacity to acquire knowledge.

PHOSPHORIC ACID AND NITRO-

GEN.

Practically all Southern soils, except the stiff black lands of the Gulf States, which constitute a comparatively small area, are deficient in phosporic acid and they are almost if not quite as generally deficient in nitrogen. It would therefore seem that considering both the needs of the soils and the amount of plant foods contained in the crop. of plant foods contained in the crop, the amount of nitrogen in a cotton fertilizer should be as large or larger than the phosphoric acid. But as a fact, experience does not bear out this conclusion. Mr. C. B. Williams, of the North Carolina experiment station, in giving formulas for cotton fertilizers based on results of tests in that state, suggests about one and one-half times as much phosphoric acid as nitrogen for cotton on the sandy coastal plain soils, and from four and one-half to five times as much phosphoric acid as nitrogen for the Piedmont or clay and clay loam soils, and these conclusions are in line with the results obtained elsewhere, except that in the states west of Alabama the potash may be left out for all soils except where the cotton suffers from

In fact, neither a study of the

FERTILIZE COTTON LIBERALLY

On all soils which do not make a good growth of stalk nitrogen should be applied, and when this is done there is probably no field crop so likely to generaly pay a good profit on its use. Cott a may require less nitrogen—than corn, but it is much more certain to pay a profit on that used, taking one year with another, on average soils. In fact, cotton is one field crop which it usually pays to fertilize liberally with commercial plant foods. This, of course, does not apply to those soils which do not give profitable increase in yields from commercial fertilizers applied to general or other field crops. Such, for instance, as the black stiff soils of Court Warns One Suffragette to a miscarriage. Alabama Mississippi, Arkansas, Louisiana and Texas. But if com-mercial fertilizers generally pay on any crops, a liberal use of them will pay on cotton.

WHY COTTON IS MORE OF A POOR-LAND CROP THAN

been able to maintain any one-crop system of farming. If cotton had a shorter fruiting season it would be more necessary to have the required water supply at the right time. water supply at the right time and in such case more humas would have CLYDE LINE PIER DESTROYED. vater, or commercial tertilizers ould more frequently be unprofit. Whole Water Front Threatened

Jacksonville, Fla., April 23.—
The old Clyde Line pier No. 2 was destroyed here yesterday by fire. The lot does not follow that an abundant supply of humus is not necessary for maximum crops of coton, taking an average of a large number of years. By the judicious use of commercial fertilizers, profitable crops of cotton are grown on land deficient in humus, but more profitable crops would be produced on the same land had we given more attention to the supplying or humus-forming materials to these cotton lands. This is shown by the facts that while there is no great.

Jacksonville, Fla., April 23.—
The old Clyde Line pier No. 2 was destroyed here yesterday by fire. The loss is about \$75,000. Five barges belonging to the St. John's Terminal Company also took fire and, burning, drifted down the river and, burning, drifted down the river for a time, threatening the entire shipping district of the city, but by good fortune, they grounded on the same land had we given more attention to the supplying or humus-forming materials to these cotton lands. This is shown by the facts that while there is no great. facts that while there is no great steamers was at the dock.

difference in the value of a pound of nitrogen or soda, cottonseed houses occupied a part of the site PEOPLE—"CASC." meal, blood or tankage, stable ma-nures and legumes plowed under and the fire simplified the acquisiare not only the most economical tion of the lands and water front. with other crops, but also probably Ships of Atlantic Fleet to Join in the best source.

The cotton states which have Washington, April 23.—All avail-made the greatest increase in the able ships of the Atlantic fleet were yield of cotton per acre during the ordered yesterday to participate in last five years, and the states that the dedication of the Maine memo-

WHEN NITROGEN IS NOT NEEDED.

As a general rule a large growth Virginia, stalk means a large yield of corn, and to the extent that a good growth of stalk is necessary for a maximum yield, the same is true of cotton; but unlike corn the growth of the cotton stalk may be exces-

"My little son had a very severe cold. I was recommended to try Chamberlain's Cough Remedy, and before a small bottle was finished he was as well as ever," write Mrs. H. Silks, 29 Dowling Street, Sydney, Australia. This remedy is for sale by all dealers.

(By Tait Butler, in Progressive sive on lands rich in nitrogen, es-Farmer.) pecially if deficient in other plant A study of the table in last foods required for making a large pecially if deficient in other plant pursued long enough to be made foods required for making a large effective. Going to school is a busi-

crop of fruit.

It, therefore, follows that

TO INSTALL DR. SMITH.

Plans Making For Ceremony at effort on the part of the pupils. Washington and Lee-Secretary Bryan to Speak.

soil, nor the amounts of plant foods found in the seed and the lint give a reliable guide for the most profitable fertilization of the cotton crop. In only 125 pounds of nitrate or soda there is as much nitrogen as there is in 200 pounds of the and 600 pounds of seed, and in the pounds of cottonseed meat there is a much nitrogen and phosphroic acid and half as much potash as in a crop of like size—300 pounds of line and 600 pounds of seed.

We must therefore depend largely on fertilizer tests or experience for our guide in fertilizing cotton. There will be an acedemic procession which will consist of the faculty of the many and guiped down between bells. There is no time for relaxation or recuperation. There is no time for the teacher to direct the study of publishments of the inauguration. This address will be promptly at 11 o'clock for, as matters now stand, Mr. Bryan has an engagement in Washington has an engagement in Washington for the evening of May 7, and he will be compelled to leave Lexings to the verification or recuperation. There is no time for relaxation or recuperation. There is no time for the teacher to direct the study of publishments of the inauguration. This address will be promptly at 11 o'clock for.

There will be promptly at 11 o'clock for.

The teacher to direct the study of publishments and as a matter in will be be promptly at 10 o'clock for.

The teacher to direct the study of publishments and the publishment is not time for relaxation. There is no time for relaxation. There is no time for the teacher to direct the study of publishments and the publishments and subject to the inauguration. This address of the inauguration. This address will be promptly at 11 o'clock for.

The teacher pounds of seed, and in the publishment is not impendent in the publishment in the inauguration. The matter is no time for relaxation. There is no time for the teacher to direct the study of publishment in the inauguration. The inauguration. The beacher is no time for the teacher to direct the study of publ

markably well, consequently an absence of a large humus supply, an important office of which is to increase the water-holding power in the soil, affects it less seriously than a crup like corn.

This is probably why the South has been able to maintain it as its one principal crop for a longer period than most other sections have been able to maintain any one-crop.

Maine Memorial. are producing the largest yields per rial monument at New York, May acre, are those states which use 20. The battleships which will be The battleships which will be commercial fertilizers most lib- mobilized at the naval station in the North river will include the Wyom ing, North Dakota, Vermont, South arolina, New Hampshire, Kansas, Irginia, Georgia, New Jersey, Torida, Delaware and Rhode

Secretary Daniels announced he could not send the Naval Academy midshipmen to take part in the dedcation because they would be in the midst of their examinations.

Lancaster Leads.

For Weakness and Loss of Appetite The Old Standard general strengthening tonic, GROVE'S TASTELESS chill TONIC, drives out Malaria and builds up the system. A true tonic at any dru and sure Appetizer. For adults and children, Soc. 1700 sleep.

ness and it ought to be so consid-It, therefore, follows that on lands rich in nitrogen, or that have had an application of stable manure, or a crop of legumes plowed into them, no nitrogen, about the legislation of the land the land the legislation of the land t the capacity to acquire knowledge. All manner of reasons are assigned as explanations, such as poor teaching, poor courses of study and poor

How many of us have stopped to consider how unbusinesslike we run Lexington, Va., special to The Columbia State, April 24.—The plans for the inauguration of Dr. Henry Louis Smith as president of Washington and Lee University have about been completed. A large number of invitations have been sent to the various educational inschool day is the result of a reaction of the considerable number of country schools are school day is the result of a reaction of the considerable number of country schools school day is the result of a reaction. sent to the various educational institutions of the country and over tion against the overlong day of a sending delegates to the ceremonies. It is expected that the list will long day had its compensations and considerable time was desirable to the decades ago, when the session lasted practically all day. But that long day had its compensations and considerable time was deviced by Evans. ies. It is expected that the list will be increased during the next week. Invitations have been sent to a large number of alumni and it is hoped that many of them will find it convenient to attend. In fact, those in charge of the exercises are very anxious that a great number of the old graduates and students should come back to the university on that date, May 7, and they wish it understood that every alumnus and friend of the university is invited to be present. Besides the delegates and alumni there will be many distinguished guests.

W. J. Bryan has consented to a long day had its compensations and its declared. In fact, the charges made against E. W. Able, B. W. Crouch and B. W. Sample. These charges were made during the campaign last summer and reiterated by Evans in his testimony. Evans was asked the authority for his statements concerning the action of the above named to questioning Evans relative to the charges made against E. W. Able, B. W. Crouch and B. W. Sample. These charges were made during the campaign last summer and reiterated by Evans in his testimony. Evans was asked the authority for his statements concerning the action of the above named to questio es. It is expected that the list will long day had its compensations and

be held in the university chaper and admission will be strictly by card.

There will be an acedemic procession which will consist of the faculty, seniors and the delegates. The march will be to the chapel, where the march will be to the chapel, where our call address. At this time there will probably be one or more short speeches by visiting delegates but no selection has yet been made, when the inaugural exercises are over the procession will form again or to roam the streets until night. The teacher picks up her load of written exercises, goes home fagged out, eats a little—perhaps, and with aching head and heavy heart sits down to correct that load of exercises and to wonder what can all this mad rush who is doing most of the teaching and when is it believed the procession will form again or to roam the streets until night. The teacher picks up her load of written exercises, goes home fagged out, eats a little—perhaps, and the streets until night. The teacher picks up her load of written exercises, goes home fagged out, eats a little—perhaps, and the streets until night. The teacher picks up her load of written exercises, goes home fagged out, eats a little—perhaps, and the streets until night. The teacher picks up her load of written exercises, goes home fagged out, eats a little—perhaps, and the streets until night. The teacher picks up her load of written exercises, goes home fagged out, eats a little—perhaps, and the streets until night. The teacher picks up her load of written exercises, goes home fagged out, eats a little—perhaps, and the delegates but with aching head and heavy heart all address. At this time there will be worse than teaching school. In all this mad rush who is doing most of the teaching and the aching head and heavy heart all address. At this time there will be worse than teaching and the aching head and heavy heart all address. At this time there will be worse than teaching and the aching head and heavy heart all address. At this time teacher should be worse than teaching and the ac When the inaugural exercises are over the procession will form again and march to the university dining hall where a luncheon will be given by the faculty to the visiting delegates and distinguished visitors. On the evening of May 7 Dr. and Mrs. Smith will give a reception in the library building.

Techtations all day, and correcting papers all night. A good part of the teaching, if done at all, must be done by the fathers and mothers—by the faculty to the visiting delegates and distinguished visitors on the evening of May 7 Dr. and Mrs. Smith will give a reception in the library building.

Court Warns One "Stick to Needle and Abandon Pistol."

London, April 25.—An "arson squad" of militant suffragettes ear-squad of militant suffragettes ear-squad in hypering down. CORN.

Cot, on withstands dry weather or a rather scant water supply remarkably well, consequently an abmarkably well, consequently an abmarkably well, and the court's advice to Annie Bell, would have less teaching to do at the court's advice to Annie Bell, would have less teaching to do at home. The children would be kept more off the streets and the health of teachers and pupils would be pre-

Might there not be some improvement in the length of school year and the distribution of the year's work? By a kind of common consent we have come to look upon 26 weeks as the maximum school year. Thus a child has 36 Hinson weeks in school and 16 weeks of 60 Acres close to Camp Creek opening of school, how much of the previous year's work has the aver-age child forgot and how much is so hazy as to be of no service to him? Is it any wonder that many 15

PEOPLE—"CASCARETS" Salt, calomel, pills, act on bowels

like pepper acts in nostrils.

Get a 10-cent box now. Most old people must give to the powels some regular help, else they suffer from constipation. The condi-tion is perfectly natural. It is just as natural as it is for old people to walk slowly. For age is never so active as youth. The muscles are

less elastic. And the bowels are So all old people need Cascarets One might as well refuse to aid weak eyes with glasses as to neglect this gentle aid to weak bowels. The bowels must be kept active. This is important at all ages, but never so

much as at fifty. Age is not a time for harsh hysics. Youth may occasionally whip the bowels into activity. But a lash can't be used every day. What the bowels of the old need is tle and natural tonic. One that can be constantly used without harm. The only such tonic is Cascarets, and they cost only 10 cents per box at any drug store. They work while

FORTY WEEKS OF TEACHING. long all-summer vacation for forgetting at least half that has been W. H. Hand Believes Lower Speed
Would Help Schools—Favors
Four Vacations a Year.
Any business to be successful getting at least hair that has been learned during the year. By the time the child is 14 years of age he would have had at least a better opportunity to learn something and Any business to be successful portunity to leaf a sometime must be pushed energetically and less excuse for forgetting what he pursued long enough to be made had learned.—W. H. Hand, in Coportunity to learn something and lumbia State.

EVANS CASE HALTED.

Hearing on Disbarment Proceedings is Continued Until Monday
—Several Witnesses to Be Called.

supreme court yesterday continued until next Monday morning at 10 o'clock, the hearing on the disbarproceedings against Barnard ment B. Evans, attorney of Columbia.
The hearing will be concluded at that time and the case taken under advisement by the supreme court.

Barnard B. Evans was on the stand for several hours yesterday morning. He was cross-examined by Solicitor Cobb. Much of the cross-examination was directed against the testimony on the action

ROYAL Baking Powder

> is the greatest of moderntime helps to perfect cake and biscuit making. Makes home baking pleasant and profitable. It renders the food more digestible and guarantees it safe from alum and all adulterants.

might be summoned to give testi- his contention.

B. W. Crouch and E. W. Able cations were signed where recalled by the prosecution cured the loan of \$650. following the cross-examination of Evans. They denied the charges by

citizens of Saluda county. He nam- that he had made more than one ed several persons in Saluda. Fol-application for a loan from Frank lowing this statement Solicitor & Sons through Evans. In his di-Cobb asked for a continuance of the testimony Evans testified that the case until next Monday so that two applications had been received, the persons mentioned by Evans a blank being exhibited to prove

Mr. Salter said that both appli-cations were signed when he se-

Piles Cured in 6 to 14 Days

Evans.

Evans.

Geo. L. Salter of Saluda was recalled by the prosecution. He denied

Geo. L. Salter of Saluda was rescalled by the prosecution. He denied

Your druggist will refund money if PAZO OINTMENT fails to cure any case of Itching. Elind, Bleeding or Protruding Piles in 6to 14 days. The first application gives Ease and Rest. 50c.

REAL ESTATE

240 Acres, 5 miles south of Lancaster, close to two churches, four farms, rents for 3,600 line cotton, splendid dwelling and tenant 50 Acres in and adjoining Fort.

58 Acres on Monroe road, joins Lee 80 Acres on Coil road 1½ miles Roberts, etc. Owner, H. Toole, Rock Hill. Per acre \$40..Sold good timber, lies level. Joins lands of Wm. Cresshaw and T. S. splendid dwelling and tenant houses. Property of J. F. Wil-liams, price per acre. . . \$20.00 00 Acres extra fine land, west side of Catawba river. Rents for 40 bales cotton, two miles of Catawba Junction. Owner, A. B. Ferguson.

62 1/2 Acres on Buffalo Road, 5 miles east of Lancaster. Close up to Zion church and school. An excel-Close up to lent small plantation with splen-did buildings. Price per acre \$32.50

4 Acres near Riverside Wades-boro and Landsford road, joins lands of Wm. Sistare, etc., close to churches and school, per acre

Springs, good grade, close to church and school, good road,

side, two farms in cultivation, close to Waxhaw church. Owner, Mrs. Mary McDow, price per acre \$20.00 284 Acres 3 miles west of Taxahaw known as the Irvine Knight place, 150 acres heavy original

forest timber, two farms in cultivation. Owner, Miss Annie Gregory. Price per acre...\$20.00 148 Acres, 4 miles north of Lancas-Charlotte-Camden road, two good houses, barns, etc., close to church and school. Owners, T.

C. Harden & Bro. Price per acre \$20.00 53 Acres 5 miles north of Lancaster on Wadesboro and Monroe roads, dwellings, painted and all buildings in good repair, a well,

church. Owners, A. P. Plyler & Acres 6 miles east of Lancaster, buildings cost \$5,000. Owner E.

I. McManns

Acres in Bell Town section, lies rolling, but a bargain. Owner, Wm. Sowell Acres 4 miles north of Lancaster on Charlotte-Camden road, 20 farms in cultivation, strong land, will cut into small tracts or sell all, a special low price for

quick sale. 165 Acres on Southern R. R. near Elgin, level with good buildings. Owner, W. T. Gregory . . . Sold 370 Acres extra fine land and buildings, 2 miles from Lancaster, a bargain, per acre.....\$40.00

70 Acres of timber only, near Pleasant Valley. Owner, Alex Pleasant Valley Owner, Alex Barber. Per acre \$21.50 . Sold 71 Acres 1¼ miles from city, land strong and well improved, will cut into small tracts and cheap. Better look at this place now.

Owner, Col. W. C. Hough. 468 Acres 3 miles northwest city, known as the J. A. P. place, has large 10-room house and splendid barns and tenant houses. Simply look at land and hear low price, or will rent por-

40 Acres between Fort Mill and Pleasant Valley, 10 farms being cultivated on it, Terms 8 years at low rate of interest. Owner T. M. Hughes. Per acre \$32.50

50 Acres in and adjoining Fort Lawn, level. Owner, T. M. Hughes. See it. 1127 Acres 51/2 miles west of Heath 996 Acres in Cedar Creek township, Springs, on railroad, 10 farms being cultivated, 610 acres of heavy second growth pine timber. Property of W. K. Williams. Cheap,

per acre.....\$18.50 1,000 Acres, 4 miles south of Heath Springs, 10 farms in cultivation, lies rolling. Owner, P. T. Twitty.

119 Acres, 5 miles north of Lancas-ter. Owner J. H. Nell.... Sold 250 Acres, 6 miles southwest of

Lancaster. Owner R. B. Sowell 119 Acres, 9 miles southwest of Lancaster, Owner, W. B. Wil-

198 Acres, a miles from Lancaster 512 Acres near Riverside, a fine quality of land and good build-

ings. See me. 64 Acres, 51/2 miles southwest of

348 Acres at Tradesville, 150 acres in cultivation, extra fine timber. Good dwelling and outbuildings. Property of W. A. Funderburk. Price per acre. \$20.00 100 Acres at Tradesville. Property of John Stevens, Kershaw, S. C. Price per acre.... \$15.00

103 Acres extra fine land three miles north of Lancaster on Charlotte-Camden road. Has seven-room two-story building and other good buildings worth \$3,000. Also a quantity of original growth timber. Property of John H. Steele. Price per acre..\$42.50

392 Acres 4½ miles northwest of town of Lancaster, near Riverside, 6-horse farm in cultivation, 5-room dwelling and six tenant houses. Property of Cunning-ham and Steele. Price...\$9,800 148 Acres 21/2 miles west of Lan-

caster, joining lands of W. J. Hammond, Property of Robert Truesdale, Price per acre \$21.50 70 Acres, J. A. Cauthen's place, joining lands of Dan Bailey and others, on Coil road. Price per acre.....\$20.00

98 Acres, J. A. Cauthen's place, 5 miles south of Lancaster, joins John Kirk, etc. Price per acre

750 Acres, the great "Cedar Grove" farm, four miles west of Lancas-Touches rail and dirt roads. 23 farms in cultivation. No finer land in the state. Will divide into small tracts to suit you. Owner, T. K. Cunningham, Easy terms.

65 Acres with good six-room, dwelling and 3-room tenant house, near Rocky River road. Prop-erty of W. W. Parks. Price per acre\$31.00

150 Acres on Turkey Quarter creek, About 37 lots on "Sinclair Height joining lands of Walter Stewman, and "Glenwood," all owners we etc., level, good buildings, a fine plantation.

Hendrix. Has good 3-room house. Property of Mrs. Ella Cauthen. Easy Terms. Price per acre \$20

9 farms in cultivation, lies rolling, 5 tenant houses. Property of Mrs. Lida B. Jones. Price per Property acre.....\$14.00

230 Acres, with splendid 7-room dwelling and four good tenant houses, large barns, etc., 7 miles east of Lancaster on Hay road. 100 acres timber, 6 farms open, can be well divided into three tracts. Owner, Lewis Montgomery.

190 Acres in Camp Creek section, close up to two good schools and churches, level. Rents for 10 churches, level. Rents for 10 bales cotton. Property of S. B. Roberts.

on New Cut road, lies level and within ½ mile Camp Creek church and school.

285 Acres in river road about four miles north of Van Wyck, 50 acres in cultivation. 300,000 ft. saw timber. On "River road."

J. A. Hyatt's place. Price per acre. . . . \$10.00

Acres, 5% miles southwest of factoring acre. ...\$10.00 house. Owner, Orin C. Black- 77% Acres, ½ mile south of Monroe and Wadesboro roads, 7 miles northeast from Lancaster, 30 acres fine wood land, strong land, two 4-room dwellings, large, ceiled and piazzas. Property of E. M. Hardin, known as the "Bob Steele-place." Price per acre..\$26.00 337 Acres, 21/2 miles west of Lan-

easter Cotton Mills on Southern Railroad, good buildings and fine bottom land. Price per acre \$25 1,000 Acres, with 8-room dwelling worth \$5,000, 600 acres extra large second growth pine timber. Dr. T. F. McDow's home place. Will cut to suit you. Property of

T. Y. Williams. Price per acre 52 Acres, 11/2 miles south of Lancaster on Charlotte-Camden road, lies well, one building. Price per \$50.00

\$1.625 For house and lot on West
Arch street, 4 large rooms and
hall. Property located as this sells well. A good new house. Owner, L. F. Dabney. \$2,000 For house and lot in Heath

Springs, size of lot 100x350. Owner, Rev. S. N. Watson, \$1,575 Near Southern Railroad, 4 large rooms, lot 70x125. Owner,

J. M. Ferguson. \$4,500 For elegant 10-room house on Barr street, large lot and very cheap. Owner, Mrs. Macy

\$1,200 For good house, Sinclair Heights. Owner, C. W. Griffin. \$1,300 For 4-room house on West Arch street. Owner, Mrs. M. J.

Cemetery street, with all up-todate conveniences. Rents for \$14.00 per month.

\$2,500 For lot near Cotton mill, size 40x100. Owner, Sherifff Jno. P Hunter. a small profit on their invest-

We make no charge for listing your property or showing it, but must object to any ficticious prices you may offer, for reason that time and advertising costs us money. Always glad to discuss different values on market with prospective buyers or others and "show the goods." Real Estate, the base of all wealth, will never be cheaper in Lancaster county. When you

ment.

think of "dirt" get in touch with "a live wire." We can do you good. DO IT NOW, T. M. HUGHES Agent