

FERTILIZING COTTON

(By Tait Butler, in Progressive Farmer.)
A study of the table in last 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 removed from the land, there is much more nitrogen required by the plant than phosphoric acid.

PHOSPHORIC ACID AND NITROGEN.
Practically all Southern soils, except the stiff black lands of the Gulf States, which constitute a comparatively small area, are deficient in phosphoric acid and they are almost if not quite as generally deficient in nitrogen.

In fact, neither a study of the 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.

We must therefore depend largely on fertilizer tests or experience for our guide in fertilizing cotton.

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 generally pay a good profit on its use.

WHY COTTON IS MORE OF A POOR-LAND CROP THAN CORN.

Cotton withstands dry weather or a rather scant water supply remarkably 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 crop 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 system of farming.

While the above statements are true it does not follow that an abundant supply of humus is not necessary for maximum crops of cotton, taking an average of a large number of years.

WHEN NITROGEN IS NOT NEEDED.
As a general rule a large growth of 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 excessive on lands rich in nitrogen.

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 should be used in the commercial fertilizer, because it is a needless expense and may actually do harm where there is a deficiency of phosphoric acid and potash, especially if the plants are not well spaced.

TO INSTALL DR. SMITH.

Plans Making For Ceremony at Washington and Lee—Secretary Bryan to Speak.

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.

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.

W. J. Bryan has consented to deliver an address on the morning of the inauguration. This address will be promptly at 11 o'clock for, as matters now stand, Mr. Bryan has an engagement in Washington for the evening of May 7, and he will be compelled to leave Lexington on the noon train.

There will be an academic procession which will consist of the faculty, seniors and the delegates. The march will be to the chapel, where Dr. Smith will deliver his inaugural address. At this time there will probably be one or more short speeches by visiting delegates but no selection has yet been made.

MILITANTS BURN BOATHOUSE.

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

London, April 23.—An "arsenal" of militant suffragettes early today succeeded in burning down the Handsworth park boathouse in a Birmingham suburb.

"You had better stick to the needle and drop the revolver," was the court's advice to Annie Bell, the suffragette, sentenced to four months imprisonment outside Holloway jail on the night of April 2, during the imprisonment of Mrs. Pankhurst.

Miss Bell, who was armed with a revolver when arrested, was sentenced to three weeks' imprisonment. She refused to bind herself to keep the peace for a year and told the magistrate "your advice is not of any use at all."

CLYDE LINE PIER DESTROYED.

Spectacular Blaze at Jacksonville—Whole Water Front Threatened.

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 for a time, threatening the entire shipping district of the city.

The destroyed pier and warehouses occupied a part of the site of the proposed municipal docks and the fire simplified the acquisition of the lands and water front.

Ships of Atlantic Fleet to Join in Maine Memorial.

Washington, April 23.—All available ships of the Atlantic fleet were ordered yesterday to participate in the dedication of the Maine memorial monument at New York, May 30. The battleships which will be mobilized at the naval station in the North river will include the Wyoming, North Dakota, Vermont, South Carolina, New Hampshire, Kansas, Virginia, Georgia, New Jersey, Florida, Delaware and Rhode Island.

Secretary Daniels announced he could not send the Naval Academy midshipmen to take part in the dedication 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 CHILI TONIC, drives out malaria and builds up the system. A true tonic and sure Appetizer. For adults and children. 50c.

FORTY WEEKS OF TEACHING.

W. H. Hand Believes Lower Speed Would Help Schools—Favors Four Vacations a Year.

Any business to be successful must be pushed energetically and pursued long enough to be made effective. Going to school is a business and it ought to be so considered.

How many of us have stopped to consider how unbusinesslike we run our schools—how little time is actually given to earnest school work and how uneconomically the time is distributed?

Everybody works at high tension. The high speed is kept up until closing time—about 2 o'clock. By closing time the teacher and the pupils are in a high state of nervousness and are as hungry as bears.

"Could not all this be remedied by following a simple, common sense course? Why not close school at 12 o'clock for an hour in which pupils must eat a lunch and take reasonable exercise, then reopen school until 3:30 or 4 o'clock."

LAXATIVE FOR OLD 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 bowels some regular help, else they suffer from constipation. The condition is perfectly natural. It is just as natural as it is for old people to walk slowly.

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 physics. 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 a gentle 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 you sleep.

long all-summer vacation for forgetting at least half 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 less excuse for forgetting what he had learned.—W. H. Hand, in Columbia State.

EVANS CASE HALTED.

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

The following is from Wednesday's State: Acting upon the request of Solicitor Cobb for the prosecution, the supreme court yesterday continued until next Monday morning at 10 o'clock, the hearing on the disbarment proceedings against Barnard B. Evans, attorney of Columbia.

Don't be surprised if you have an attack of rheumatism this spring. Just rub the affected parts freely with Chamberlain's Liniment and it will soon disappear. Sold by all dealers.

citizens of Saluda county. He named several persons in Saluda. Following this statement Solicitor Cobb asked for a continuance of the case until next Monday so that the persons mentioned by Evans might be summoned to give testimony.

Geo. L. Salter of Saluda was recalled by the prosecution. He denied that he had made more than one application for a loan from Frank & Sons through Evans.

ROYAL Baking Powder

is the greatest of modern-time 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.

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Mr. Salter said that both applications were signed when he secured the loan of \$650.

Piles Cured in 6 to 14 Days Your druggist will refund money if PAZO OINTMENT fails to cure any case of itching, blind, bleeding or protruding piles in 6 to 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 houses. Property of J. F. Williams, price per acre...\$20.00

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

134 Acres near Riverside Wadesboro and Landsford road, joins lands of Wm. Sistare, etc., close to churches and school, per acre only...\$12.75

44 Acres 3 miles east of Heath Springs, good grade, close to church and school, good road, etc. Owner, J. M. Knight, price per acre...\$25.00

120 Acres two miles north of Riverside, 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 Lancaster on 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, two dwellings, painted and all buildings in good repair, a well, improved place. Owner, N. J. Hinson.

60 Acres close to Camp Creek church. Owners, A. P. Pyle & Bro. Sold.

223 Acres 6 miles east of Lancaster, buildings cost \$5,000. Owner E. L. McManus.

150 Acres in Bell Town section, lies rolling, but a bargain. Owner, Wm. Sowell. Sold.

300 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

270 Acres of timber only, near Pleasant Valley. Owner, Alex Barber. Per acre \$21.50. Sold.

571 Acres 1 1/2 miles from city, land strong and well improved, will cut into small tracts and sell cheap.

468 Acres 3 miles northwest city, known as the J. A. P. Sistare place, has large 10-room house and splendid barns and tenant houses. Simply look at land and hear low price, or will rent portion of it.

440 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

58 Acres on Monroe road, joins Lee Roberts, etc. Owner, H. Toole, Rock Hill. Per acre \$40. Sold.

50 Acres in and adjoining Ford Lawn, level. Owner, T. M. Hughes. See it.

1127 Acres 5 1/2 miles west of Heath 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. Per acre...\$8.50

119 Acres, 5 miles north of Lancaster. Owner J. H. Nell. Sold.

250 Acres, 6 miles southwest of Lancaster. Owner R. B. Sowell. Sold.

119 Acres, 9 miles southwest of Lancaster. Owner, W. B. Williams. Sold.

198 Acres, 8 miles from Lancaster on Cooch ferry road. Owner, T. M. Hughes. Sold.

512 Acres near Riverside, a fine quality of land and good buildings. See me.

64 Acres, 5 1/2 miles southwest of Lancaster, good land with 3-room house. Owner, Orin C. Blackmon.

348 Acres at Tradesville, 150 acres in cultivation, extra fine timber. Good dwelling and outbuildings. Property of W. A. Punderburk. 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 4 1/2 miles northwest of town of Lancaster, near Riverside, 6-horse farm in cultivation, 3-room dwelling and six tenant houses. Property of Cunningham and Steele. Price...\$9,800

148 Acres 2 1/2 miles west of Lancaster, 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 \$21.50

750 Acres, the great "Cedar Grove" farm, four miles west of Lancaster. 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. Property of W. W. Parks. Price per acre...\$31.00

150 Acres on Turkey Quarter creek, joining lands of Walter Stewman, etc., level, good buildings, a fine plantation.

80 Acres on Coil road 1 1/2 miles north of Stoneboro, with 40 acres good timber, lies level. Joins lands of Wm. Crenshaw and T. S. Hendrix. Has good 3-room house. Property of Mrs. Ella Cauthen. Easy terms. Price per acre \$20

996 Acres in Cedar Creek township, 9 farms in cultivation, lies rolling, 5 tenant houses. Property of Mrs. Lida B. Jones. Price per 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 bales cotton. Property of S. B. Roberts.

30 Acres 5 miles east of Lancaster on New Cut road, lies level and within 1/2 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

77 1/2 Acres 3/4 mile south of Monroe and Wadesboro roads, 7 miles northeast from Lancaster, 30 acres fine wood land, strong land, two 4-room dwelling, large, celled and piazzas. Property of E. M. Hardin, known as the "Bob Steele place." Price per acre. \$26.00

337 Acres, 2 1/2 miles west of Lancaster 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. E. McDow's home place. Will cut to suit you. Property of T. Y. Williams. Price per acre \$12.50

52 Acres, 1 1/2 miles south of Lancaster on Charlotte-Camden road, lies well, one building. Price per acre...\$50.00

HOUSES.

\$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. Mary O. Sowell.

\$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. Johnson.

\$2,500 For 5-room house on W. Cemetery street, with all up-to-date conveniences. Rents for \$14.00 per month.

\$2,500 For lot near Cotton mill, size 40x100. Owner, Sheriff Jno. P. Hunter.

About 37 lots on "Sinclair Heights" and "Greenwood," all owners with a small profit on their investment.

We make no charge for listing your property or showing it, but must object to any fictitious 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 think of "dirt" get in touch with "a live wire." We can do you good. DO IT NOW.

T. M. HUGHES Agent