

Article From Progressive Farmer Concerning Late Application of Fertilizers.

There seems to be a general interest in making a second application of fertilizer during the growth of corn and cotton, and many seem to think that in making this application they must throw the soil away from the rows and put the fertilizer down alongside the plants and then throw the soil back.

All this is totally needless. In fact, the added fertilizer will do less good right alongside the plants than it will in the center of the middle spaces, for by this time the roots of cotton or corn are feeding in the middles, and the root hairs that get food from the soil are nearly all of them out there and not near the stalks.

Then, too, the turning of the soil away and back will surely damage the plants, and it is not at all necessary to bury the fertilizer with a plow. There would be no need for the second application to cotton if in the planting there had been plenty used, and as much applied broadcast as was put under the rows. This is especially true of the phosphoric acid and potash, which are never lost to the soil, but always stay there till used by plant roots. Where the cotton has not good color and does not grow thriftily, a dressing of nitrate of soda down to the rows at blooming time will help greatly. But remember that the place for it is in the middles where the feeding roots are and not right alongside the stems of the plants.

Few people fully understand how roots spread and feed. Outside of my garden fence on the street are some young Norway maple trees. The heads of these trees are not yet over six feet across, but I find that the roots have crossed under the sidewalk and are foraging in the well manured soil of my garden fifteen or more feet away. And you will find that the feeding roots of cotton by the time it is a foot high are all but in the middles.

One of the most successful cotton farmers I know never puts anything under the cotton but fertilizer, but he runs furrows down the middles and puts all the manure he has in the furrow, and by fruiting time the roots have found it and are making good use of it at a critical stage in their growth. I once saw a good farmer in South Carolina cleaning out his stables and hauling and spreading the manure between the cotton rows in August. He had no trouble in getting a stand of crimson clover sown among that cotton.

The one crop of the South where heavy applications of high-grade fertilizers will pay better than on almost any other crop is the cotton crop, and yet there are thousands who imagine they are fertilizing cotton when they are using only 200 pounds an acre of the poor 2-8-2 in the furrows. The low grade fertilizer is poor enough without being stung with it and it might do better if another 200 pounds were spread down the middles at planting time.

But it is far better to be liberal with the cotton and to use a high-grade article, at least so far as the nitrogen and phosphoric acid are concerned. There are sections in the lower Mississippi Valley where the experiment stations have decided that potash is not needed in a fertilizer. But in most of the cotton country of the South Atlantic Coast it is important to have a due percentage of potash in the fertilizer.

The man who puts 250 to 300 pounds of a good high-grade fertilizer under the cotton and as much more broadcast at planting time, will never need to apply a side-dressing in the summer. The fever for side-dressing has grown out of the neglect to fertilize right at the start.

So long as you go through shallow and level you can keep the cultivators running in cotton and corn as long as you can get through handily. If you think that you must bank up the earth to corn or cotton when laying-by, try a portion perfectly level and shallowly cultivated and see what the difference is in the crop.

Union Meeting.

The union meeting of the 2nd division of the Edgefield Baptist association will meet with Ebenezer church on Saturday and Sunday, July 29th and 30, 1911 at 11 a. m. Devotional exercises conducted by J. D. Hughey, moderator. Roll call, delegates to make verbal reports of their churches.

1st Query—What is the mission of the church? Its influence over moral and material welfare of the community. J. H. Courtney, J. C. Whitlock, S. B. Mays.

2nd Query—How can the men of the church aid in the good work done by the W. M. S., W. C. T. U., and other organizations of the women? Rev. J. P. Mealing, W. D. Holland, C. C. Jones.

3rd Query—What should be the Christian rule of giving? Rev. G. L. Knight, G. W. Medlock, D. E. Lanham.

Sunday morning 11 a. m., some suggestions or remedies for keeping our young people in the Sunday school. J. D. Hughey, C. M. Mellichamp, Rev. J. T. Littlejohn. Missionary sermon by Rev. J. P. Mealing or Rev. P. B. Lanham.

Sunday afternoon to be provided for.

C. M. Mellichamp,
For committee.

A Peck Into His Pocket.

Would show the box of Bucklen's Arnica Salve that E. S. Loper, a carpenter, of Marilla, N. Y., always carries. I have never had a cut, wound, bruise, or sore it would not soon heal, he writes. Greatest healer of burns, boils, scalds, chapped hands and lips, fever sores, skin eruptions, eczema, corns and piles. 25c at Penn & Holstein's, W. E. Lynch & Co., B. Timmons.

Improved Standard Machines.

Come in and let us demonstrate to you the merits of the Standard central needle sewing machine. After a lady sees and appreciates the advantage of this machine she will use no other. We are in a position to save you money on a sewing machine. Edgefield Mercantile Co.

We have opened up a lively business in connection with our sales business. We can furnish you good safe teams at all hours day or night. New rubber tire buggies; good gentle horses and good drivers. Wilson & Cantelou.

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Wofford, S. C.

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We have just received a line of new medicines that are highly recommended—Liquid, Purin-Pepsin, for the digestion—Glyco-phosphate an excellent tonic—Glyco-mullein, for coughs and colds—liquid Divortine, for the kidneys—Laxinacea for constipation. Try these remedies.
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Respectfully,
JAMES E. HART.
4-5-11.

Excursion Rates Via Southern Railway.
From Edgefield, S. C.
Monteagle, Tenn. and return, \$12.80. Sewanee, Tenn., and return \$12.80. Account opening week, July 1-10, 1911. Monteagle Bible School, July 15-25, 1911. Monteagle Sunday School Institute, July 25-August 30, 1911. Tickets on sale June 30-July 1, 8, 15, 22, 29-August 11, 12 and 18, 1911 good returning September 5, 1911.
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Vacant Scholarships in The Citadel.
The Military College of South Carolina, Charleston, S. C.
One (1) vacancy in the beneficiary scholarships in the Citadel from Edgefield county will be filled by competitive examination on August 11th 1911.
For full information concerning these scholarships address the superintendent, at the Citadel, Charleston, S. C. Next session begins September 20th, 1911.
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