THE FLOWERS COLLECTION

The Danbury Reporter.

STOKES AND CAROLINA.

VOLUME XXXIII.

DANBURY, N. C., THURSDAY, AUGUST 31, 1905.

NUMBER 31

HOW TO GROW TOBACCO.

ADDRESS DELIVERED BY MR. W. A. PETREE BEFORE THE STOKES COUNTY FARMERS' CONVENTION AT DANBURY JULY 27, 1905.

(Continued from last week.)

'The next thing I wish to speak you of the best rotations for tobacof is the kind of soil best suited to co and for other land I know of. that the quickest, the easiest, tobacco culture. Doubtless you And now I wish to say our land is all know that the tobacco plant somewhat like a bank, unless we thrives or does best in a fresh make some deposits, we cannot rows with a shovel plow of medium virgin soil. The principal reason expect to take anything out. Neith- width, I generally go twice in the of this is that such soils contain er can you expect to make a cow more humus or decayed vegetable give you large quantities of good depth and width of the furrow. matter than older soils. This rich milk unless you feed her well, and I am always careful not to humus furnishes not only a cer- And so it is with our land, we make the furrow too deep especialtain amount of plant food itself, must feed it if we expect it to feed ly if the land is an open sandy nabut it unlocks other fertilizing us.

that it does not add vegetable mat- topped.

elements in the soil and brings The next thing I wish to speak zer leach out in case there is them into a condition in which of is the plowing or the pre- much rain. When the furrows the plants can take them up. It paration of the land for the are opened, I distribute the ferenables the land to hold more crop and the cultivation of the tiliger along in them as uniformwater, and keeps it from washing crop. Having broken the land ly as I can, putting it at the rate so badly. It keeps the soil loose thoroughly good and deep and of from 500 to 700 pounds to the and admits a free circulation of made it perfectly fine and mellow acre. That is, if I do not aim to air about the roots of the plants. in the spring, I like to cultivate fertilize the crop some, later on. But you all know as well as I do, its surface after every rain if I can But if I intend to fertilize the that our lands have been cleared until the time comes to run crop some while it is growing, I up and we do not often have fresh off the rows and put in the fertili- do not put so much fertilizer in soil on which to plant our tobacco. zer. This surface cultivaton keeps the land before the crop is plant-So the thing for us to do, is to the land clear of grass, mellows up ed. And I think that perhaps plants on one aere and top every be topped earlier, as you can top adopt some systematic rotation of the land, breaks up the capillaries this is the better plan, in case the. crops, one that will fill our land of the surface soil, and shuts off land is of an open nature and with an abundance of vegetable the evaporation of moisture from likely to let the fertilizer wash out matter, and bring it into a condi- the land, and holds it in store in case of much rain. After the tion as near like that of virgin soil for the tobacco plants when they fertilizer is distributed in the as possible. Now, a four year ro- are set. If the land has this kind furrows, I cover it up by followtation I have used with good of treatment before the crop is ing with another shovel plow a results is this: First, clover, then placted, then I think that all the little wider than the one the furand then back to clover. My tivation is just simple surface cul- one furrow or a furrow on just one off more uniformly after corn than and be done often enough to keep ing the fertilizer, and this furrow after almost any other crop, The all the grass and weeds killed, and should be run on the upper side worms, and especially the wire keep the capillaries of the surface of the row in case the land is not worms are not so bad on such land soil broken up so as to prevent the level. When this furrow is run as they are on other kinds of land. evaporation of water from the soil, the fertilizer is covered up and Then my experience is that such And this surface culture should be the row is ready for the plants land makes a finer and more sala- kept up till the crop or plants are which should be set in the lower ble quality of tobacco, than almost large enough to top. Infact, I side of the furrow just over the any other. The only objection I sometimes continue to cultivate fertilizer and down a little in the have to this particular rotation is my tobacco awhile after it is furrow just below the general level

ter to the soil quite as fast as I Now about fixing up the land bacco is planted this way it grows having ripened so long in advance demonstrated or proved its corthink it should be. But we can ready to plant, I like to do this off more quickly than it does when of the top leaves, it is almost sure rectness by an actual test, and I Sunday School Convention. remedy this very materially by when there is good season in the the fertilizer is covered up by runto be the case that when the to- made this test last year. Of course, Messrs. Willie and Charlie sowing cowpeas in the corn at the land, and set the plants at once, as ning two furrows one on each side bacco is cut and put in the barn, I did not plant all my tobacco in last working; and even this can be they grow off more quickly when of the row. And now, gentlemen, the bottom leaves will yellow, this way last year, but I planted improved upon by sowing rye set in freshly prepared land than there is a reason for this, and the sponge and turn brown before enough of it in this way to make down in the peas when the corn is they do when planted otherwise, reason is not hard to find and I the top leaves are yellow enough a proper test; and it enabled me out of the way, and working it in And now there is a reason for this want to fix it on your minds so to cure. When you let your tobac- to get my tobacco cut and cured Mr. Frank H. Petree left Montake up and hold up much of the bacco, the plants just stand there zer is covered up by running a ed and topped this way, it often that institution ng this line cause you to plant food in the soil, and keep it and are slow to take root in the furrow on just one side of the row, happens that while we are waiting the extremes and plant your tofrom leaching out and in the soil. On the other hand, if the the other side of the row is left for the top leaves to get ripe bacco too close and top it too low, spring the dead pea-vines and weather is warm when the plants unbroken or still connected with enough to cut, cool weather comes Neither do I want you to take it green rye can all be worked are set, they take root and grow the balk, middle or land between on and the tobacco does not yel. for granted that I mean that 30,into the land to feed the tobacco off quickly; and this is the princi- the rows, this protects this side of low and cure well when it is put 000 is the correct number of to-Winston Friday. crop which follows. By this pal reason why tobacco grows off the row from the air and sunshine into the barn, but dries up of a bacco leaves to grow on an acre of method, if you count the first cut- more quickly on freshly prepared and allows the water in the balk or bluish green, and is inferior in land. I had to use some number ting of the clover, you take off land than it does on land just after land between the rows to feed out character. How, then, can we with which to explain the prinfour crops from the land during it has had a packing rain. to the row where the tobacco remedy all these difficulties ? Just ciple and get it before you; and as second growth of clover you return er. Why is it warmer? Because fertilizer is covered up running of the bottom leaves and the ripe- for my land, I just used that numher grandmother. three crops back to the land during when the land is freshly prepared, two furrows, one on each side of ning of the top leaves closer to ber, but of course, there is some the four years. You take off the the capillaries of the surface soil the row, the list or row is cut loose gether in point of time. But how land that will produce more than first cutting of clover, the corn are broken up and the evaporation from the middles or land on each can we do this? Simply by top- 30,000 leaves to the acre, and there crop, the tobacco crop and the of water from the soil is stopped, side of it, and this list or ridge is ping our plants lower. But we may be some land that will not wheat crop, while you return the and this keeps the land warm, left exposed to the air and sun- have already seen that one acre of produce so many. Each farmer nelia Farm.' second growth of clover, the crop The evaporation of moisture from shine and as the water in the balks land is sufficiently strong to pro- must be his own judge in this of pea vines and the green rye all the surface of the land lowers its or middles cannot feed out to it, duce 30,000 good medium leaves, matter, bearing in mind the nature back to the land. This should temperature and keeps it cold. it soon dries out. And when to and we would have to top every or the strength of his soil. keep your laud well supplied with Suppose we have a thermometer bacco is set on such a ridge it does one of our 3000 plants to ten The next thing I wish to speak vegetable matter. Another good hanging up here, and here is a not grow off as rapidly as when it leaves in order to get the number of, is the stage of growth the torotation, is to extend the series or glass of water and we dip a feather is set the other way. Then, it of leaves the land is capable of bacco plant should reach before it period to six years instead of four, in the water and wet the bulb of takes less labor to cover up the making. If we were to top the is topped. Generally, if the crop and run wheat and tobacco twice, the thermometer, you would notice fertilizer by, running just one fur- plants to less than ten leaves the is of good medium growth, I like each, in the rotation. This would that as the water evaporated or row than it does to run two. And leaves would grow rough and for the plants to run up just a litgive us clover first, than corn, dried off the thermometer the it takes less labor to cultivate the coarse, because the land is capa- the before they are topped. I think next, tobacco, then wheat, then mercury or temperature would fall tobacco after it is planted, because ble of making more. So the rem- this keeps the leaves from growing peas right lown on the wheat showing that the evaporation takes it is easier to cover up any grass edy is to distribute or allot the coarse as it insures relatively or piping. stubble, and a the fall sow rye away heat. And just so it is with that may be growing around the 30,000 leaves to a greater number comparatively small stems and down among the pea-vines, the our land; just after a soaking or plants when they stand down in of plants to the acre. If we were fibers. It also causes the leaves to to be worked into the land the pump the water up to the surface level of the land than it is to cov. and top every plant to eight leaves, and this insures a free circulation next spring to feed the tobacco of the land, and here it evaporates er it up when the plants are stand- we would get the 30,000 leaves the of air and heat through the to-Now, brother farmer, I have told ly prepared the capillary action of tobacco to keep it down on a level leaves by planting just 3000 plants (Continued on fourth page.) company.

the surface soil is broken up and than to keep it up on a ridge, and topping them to ten leaves. this shuts off the evaporation of However, if the land is of a wet Why would it be better ? Because water and keeps the land warm. or springy nature, I have no ob- it would bring the ripening of the When we allow this evaporation to jections to planting the tobacco bottom leaves, and the ripening of go on, we not only lose the moisland cold

Now about running off the rows and putting in the fertilizer, I find cheapest and upon the whole the very best plan is this: Run off the same row to insure uniformity of

\$ 7.80

ture and likely to let the fertili-

of the land. I find that when to- if they do not dry up and drop off, matter of theory with me, until I

on a ridge, and keeping it on a the top leaves closer together in ture in the soil but we keep the ridge and I think that perhaps point of time, the bottom leaves

> culture is much better. shall we space or distribute these more uniformity as to size, and leaves uniform as to growth and other advantages in planting close quality'? If we were to plant 3000 and topping low, the tobacco can plant to ten leaves we would get a plant to 6 or 8 leaves earlier than the 30,000 leaves the land is capa- you can to 10 or 12 leaves. And

this is the better plan when you would not decay so badly while have such land for tobacco. In waiting for the top leaves to ripen fact, I know some farmers who and there would be more uniform. plant their tobacco on a ridge and ity among the leaves as to growth keep it on a ridge by using a and quality. But it seems to me turning plow and some of them that even this would throw the make splendid tobacco; but as a ripening of the bottom leaves and general thing, I think that level the ripening of the top leaves a

little too far apart in point of The next thing I want to speak time. If we were to plant 5,000 of is the distance or the spacing plants on one acre and top every of the plants over the land. I have plant to six leaves, then we would already said, that uniformity of get the 30,000 leaves the land growth and quality are things we would produce and at the same distant. want in the tobacco crop. So now time we would bring the ripening we will suppose that we have an of the bottom leaves and the ripenacre of land we wish to plant in ing of the top leaves so close totobacco, and that the land is gether in point of time, the bottom strong enough to produce we will leaves would not decay and drop say 30,000 good medium sized off while waiting for the top leaves salable leaves of tobacco, how now to ripen. Then there would be

leaves over one acre, so as to get the tobacco would yellow and cure the best results, by making the more uniformly. Then, there are

ble of making, but many of them this earlier topping would insure would be very uniform. Why ? in earlier ripening of the tobacco, Because the order of nature is : and enable us to get it cut and in-First, birth, then growth to ma- to our barns while the weather is turity, and then decay. The warm enough to enable us to yelgrowth and maturity or ripening low and cure it well. Then, there corn, then tobacco, next wheat, crop will need in the way of cul. rows are opened with I run just of the bottom leaves would be too are other advantages. The leaves far removed in point of time from would be more evenly spaced or experience is that tobacco grows ture, but this should begin at once side of the row or furrow contain- the growth and ripening of the distributed over the land. They top leaves. The bottom leaves would shade the land more, and would get their growth and ripen perhaps prevent in some measure, before the top leaves would be the evaporation of moisture from sufficiently matured to make a the soil. Then, too, the leaves good quality of tobacco. When to- would be more uniformily exposbacco is planted wide and topped ed to the sunshine by not being so high this way, it often happens many over one another, so as to that the bottom leaves ripen, dry shade the bottom leaves, as is the up and drop off before the top case when the plants are topped leaves are ripe enough to cut, and high. Now, all this was just a

Briefs Adrift.

Some farmers in this section have began cutting tobacco.

Mr. T. Hutchens, of Madison, was here a short while Friday.

There are eight prisoners confined in jail here at present.

Miss Mamie King ,of Madison, ame up Monday to visit relatives.

Miss Maggie Davis, of Guilford College, visited here this week.

The hotel at Piedmont Springs will probably close in a few days.

Stokes court convenes September 25th, less than a month

Mr. D. S. Watkins, of Walnut Cove, passed through Danbury Monday.

Mrs. J. Spot Taylor, of Piedmont Springs, visited Danbury Monday.

Deputy Marshall Gaston H. Carroll, of Winston, was in Danbury Monday.

Mr. W. D. Bennett, of Walnut Cove, spent Sunday with his parents at Jewel.

Mr. Scales, representing the Madison Grocery Co., spent Monday night in town.

Miss Rachel Hollinsworth, of Mount Airy, is expected here Friday to visit relatives.

Miss Annie Kate Jones, who is at Piedmont Springs, spent Sat-urday and Sunday here.

Messrs. Leonard Irvin and Hurey Siceloff, of Mount Airy, spent a few days here the past week

Misses Louise and Blanche Pepper, after a visit here of several weeks, returned to their home at Winston Thursday.

Messrs, C. A. and Wilkes Mitchell, of Dillard, spent Friday night and Saturday here attending the

Moore, of Moore's Springs, spent Sunday in Danbury. They report about fifty guests at the springs.

the land. When the rye comes up and let us see what it is. You all that you will never forget it, for it co sponge you have a kind of rot-it gives a green cover crop to the know that if the weather happens will save you labor, and make you ten tobacco, rotted in the process fore. But now, I do not want any where he goes to resume his land during the winter, and will to be cool when you set your to- better tobacco. When the fertili- of curing. When tobacco is plant- of you to let what I have said studies in the law department of The family of Mr. J. C. Buxton, who have been occupying their cottage at Piedmont Springs this summer, returned to their home at Miss Nora Covington, of Delk. who has been attending the teachers' institute here, returned home the four years, and counting the The freshly prepared land is warm-, plants can get it, whereas, if the simply by bringing the ripening 30,000 is approximately correct Friday on account of the death of Mr. R. E. Smith, a prominent merchant and farmer of Francisco, visited Danbury Monday. Mr. Smith has named his place "Cor-Misses Anna Buxton. Hattie King, Edith and Julia Cunningham and Mr. Robah Gray and Mr. McAlister, who are at Piedmont Springs, visited Danbury Friday. Messrs. J. S. Whitten and Wiley Mabe, two of our good farmers of Peter's Creek, visited Danbury Monday. Mr. Whitten was enroute home with a load of Mr. R. R. King, who holds a green rye and lead pea-vines all packing rain, the soil capillaries the furrow just below the general to plant 3,750 plants on one acre, stand farther apart on the stalks, position with the Virginia Bridge & Iron Co., of Roanoke, visited his parents here the past week. erop following, then comes wheat and lowers the temperature of the ing up on a ridge. Then, I think land would produce, and it would hacco while it is being cured. If He has been in Oklahoma for some time erecting bridges for his