DNESDAY, JULY 31, 1935

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APPLICATION

Pilot Want Ads.

THE STATE PORT PILOT, SOUTHPORT, NORTH CAROLINA

History Of Growing And Curing Tobacco In North Carolina Is Reviewed By Tobacco Specialist de is to use a one-horse turn blow with the second size mold-board (or wing) and scatter the board (or wing) and scatter the plant is so and other factors may necessitate prolonging or shortening any one of the plant would break the top of the plant is so and other factors may necessitate prolonging or shortening any one of the plant would of the stages. Approximately

ed Tobacco Has Been One Of The Chief Cash Crops For This State; Peak Of Production In In 1930

CONTROL PROGRAM **INCREASES PRICE**

Flue-Cured Tobacco Grown gia And Parts Of Florida

By E. Y. FLOYD Extension Tobacco Specialist, North Carolina State College For many years flue-cured tobacco has been reasonably profitable and one of the state's main cash crops. The peak year in production was 1930, which amounted to 585,990,000 pounds. The average poundage for the five

pounds.

Whether you

Want To

or

SELL

The WANT

A D S

Will Do It

wice as Well

For Many Years Flue-Cur-

In Virginia, North And South Carolina, Geor-

gether to control production. This year under normal conditions. was when the adjustment proaddition to the splendid increase have in the past. in prices.

belts in 1934 was 50 or 60 per cent better than 1932 and there was some increase in the consumption of manfactured tobac-

The second application should the excess water.

as leafy tobacco but not as val- second growth as if cultivated to 8 inches apart will give the becomes a mottled brown to dark uable as a thin, bright, luggy flat. cigarette type of tobacco. We

find that the closer we space the thinner the tobacco will be bad from the time tobacco is 6 the lack of air. when cured. I would suggest inches high until it is topped and that the maximum distance be- the most effective control method

es for growing flue-cured tobac- the plant shows signs that it is you will have controlled practic- usually from 85 to 100 degrees that the tobacco may come in co have the advantage over most taking root. The best practice is ally all your budworms and the Fahrenheit. This temperature is "order or case," so that the toably in 1933 after an agreement of the foreign markets in that to cultivate lightly and break majority of the early hornworms maintained until the leaf is fair- bacco can be removed from the the seasons and soils are a little the crust around the plant with as well. One peck of this mix- by yellow, requiring from 24 to barn without breaking. Frequent-

ly reduced to take out the sur- and aroma that is now demanded every week to ten days until

flue-cured tobacco and should be sible should be put around the tilizer used, and the seasonal grees until 135 to 140 degrees butt of the leaves showing on the ity of tobacco over the entire practiced by all growers in order plant with the siding furrows, conditions. For instance, it may Fahrenheit has been reached. outside. Tobacco so cooped should but keep in mind, at all times, be necessary to top some plants Hold this temperature until the have enough moisture in it sothese two precautions: First, so in the field 18 to 20 leaves high. leaf tissue is dry. During this that it will straighten out nicely Varieties are very essential. adjust the plow that it does not Other plants in the poorer part period, the color will be fixed. As and undergo such changes as are White Stem Oronoco, Virginia disturb the root system of the of the field 10 or 12 leaves high. soon as the leaf is dry, raise the necessary for the improvement in Bright Leaf, Bonanza, and Gold plant that has already developed; Flue cured tobacco should be temperature from 5 to 10 degrees color. On the other hand, if it is This is a splendid example of Dollar are the types that have second, do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the tobac-back do not leave the row in topped just as soon as the toback do not leave the row in the sound to represent the row in the represent to the represent t

ter the middle each time the to- this stage, the stalk has gotten to cure a barn varies from 84 to

bacco is sided. If the middle of so hard that the plant is injured 96 hours. the row becomes hard and the when the top is broken out and This outline for curing is gentobacco doesn't look as if it is the top of the plant never de- eral and should be variously growing as it should, one of the velops as it should. If it were modified as good judgment dicbest methods to scatter the mid- possible to do all of the topping tates. Weather conditions, the dle is to use a one-horse turn while the top of the plant is so amount of sap in the tobacco, board (or wing) and scatter the out with your two fingers, the prolonging or shortening any one middle with two furrows. This development of the plant would of the stages. really breaks the soil in the mid- be much better.

Harvesting

as possible without injuring it. ideal for root development when Harvesting should begin as soon each curing of green tobacco. be mixed thoroughly in the drill. 5. At each cultivation more ed and begin to ripen. The low- ing the humidity in the barn is The soil should be ridged so that soil should be added to the plant er leaves can be pulled when high and ample ventilation must when the tobacco is transplanted in order to fully develop the root they appear a little greener than be provided. If the humidity gets it will be above the level of the system. When the last cultiva- you would pull any other leaves very high during the yellowing soil. The young, transplanted tion is completed, (which should on the stalk because they gen-stage the ventilators should be plant will live much better if be about one week prior to top- erally develop a little more ra- opened enough to let the excess planted on a bed rather than on ping), the row should be built pidly than the other leaves. It moisture escape. When the leaf a small ridge. Tobacco plants up around the plant so it will is generally necessary, under drying stage has been reached, should also be kept above the have developed the maximum normal conditions, to prime to- the ventilators, both bottom and level of the ground with the mid- root system and will at the same bacco at least once a week. top, should be open. dles scattered to take care of time protect the plant from ex- Special care should be exercised will result if the moisture is not treme wet or extreme dry con- in order to select the most uni- removed as fast as it is given off. ditions and will have put all the formly ripe tobacco. Tobacco If the temperature is raised too Early tobacco should be plant- available plant food from the should not be crowded on the high, while the humidity is very ed closer together, by all means, middle of the row in reach of stock or in the barn. Three high, a greenish brown to greenbecause early planting has a ten- the root system of the plant so large leaves to a bundle and not ish black color will develop, dency to make small growth, it will develop early and the to exceed 26 to 30 bundles to known as "scalding," and the leaf

Tobacco Curing tween hills be 24 inches, and on known is this: Mix together, ods in the curing of flue-cured temperature above 140 degrees to very fertile soils 18 to 20 inches, thoroughly 2 pounds of arsenate tobacco. Namely: (1) the yel- make the leaf dry as it should. and the rows should be 4 feet of lead to 50 pounds of corn low stage, (2) setting the col- - A condition known as "run" meal; then drop what you can or, and (3) drying the leaf and may develop during the latter hold between your thumb and stem. Yellowing starts when the part of the leaf drying stage if The following plan has given two front fingers into the bud of leaf is primed off the stalk. A the temperature is allowed to see the first sign of budworm, the temperature raised in the cured, the fires are out, and the 1. The first cultivation of to- then follow with a similar appli- barn five to ten degrees higher temperature has gone down, the The above mentioned territori- bacco should begin as soon as cation in about two weeks and than the outside temperature, barn doors are opened in order

by reduced to take out the sur-plus. The surplus was taken out by the smoking public. The qua-about a week before you are Topping is very essential for dity with which the green is leaf. The barn is emptied and relity factor is one thing that the ready to top the tobacco. In the the production of high quality Fabra hold has been marked to the and a start to the start of the and the ready to top the tobacco. In the the production of high quality fading, until 120 to 125 degrees filled each week during the rush the growers received \$122,142,000. above mentioned territories must second cultivation begin putting cigarette tobacco. Tobacco should this time the been reached. By of the curing season. the growers received \$122,142,000. The growers will also receive a use every possible means to de-the soil to the plant in order to be topped leaving the right am-this time, the leaves should be ine growers will also receive a velop, if they expect to hold make it put out a new roof sys- ount of leaves on the plant that a pale yellow. This last raise from the barn, it is carried to total of \$12,454,459.48 for equalization, rental and adjustment their portion in the production that they the rent to the text of the owned tobacco that they the rent to the text of the owned tobacco that they the rent to the text of the owned tobacco that they the rent to the text of the owned tobacco that they the rent to the text of the owned tobacco that they the rent to the text of the owned tobacco that they the rent to the text of the owned tobacco that they the rent to the text of the owned tobacco thet they the rent to the text of the owned tobacco text of t payments, which will be paid in bare in the part that they the normal way the tobacco plant in order to top correctly the it will stand higher that. Hold long pile or windrow where it is The following are factors that 3. Each time the tobacco is consideration the fertility of the of the leaves begin to dry, then packed in a square coop with all In 1932 sales amounted to \$35,- greatly influence the quality of cultivated, as much soil as pos- soil, the amount and kind of fer-This is a splendid example of what can be accomplished by co-operation of tobacco growers with the tobacco. In any type of to-next cultivation. 4. It is very essential to scat- ping. When tobacco has reached of the barn. The time required market it.

4,000 to 5,000 pounds of moisture or sap must be removed during as the lower leaves have develop- During the first stages of curleaves which generally cure out plant will not be so easy to take the sticks placed on the tiers 6 tissue adjoining the main stem most uniform cures because they brown color. When a temperaare not crowded to the extent that ture of from 165 to 170 degrees Budworms are generally very the tobacco will damage due to Farenheit has been reached the humidity should be low and the ventilators closed. Sometimes it There are three distinct peri- may be necessary to raise the

> After the tobacco is thoroughly ture is sufficient for an acre of 36 hours. The temperature should ly, it is necessary to wet the then be raised 4 to 5 degrees each floor of the barn in order to hour, depending upon the rapi- hasten the softening of the cured

When the tobacco is removed

fibers not too large and alter-



cured tobacco is best grown on highest years, 1927, 1928, 1929, soils that have a previous sub-1930, and 1933 was 518,299,000 soil about 6 or 8 inches from the surface soils. Extremely sandy wide.

The price began to decline in soils with a sub-soil of 2 or 3 til the fall of 1933 when the not as satisfactory for growing us a net return of more than each tobacco plant. The first apgrowers with the aid of the government agreed to co-operate to- production and quality for each faulty cultivation.

with the manufacturers to bring better adapted for growing flue- a hoe. the price to a satisfactroy level, better adapted for growing file-provided the crop was sufficient-land arome that is now demanded every week to ten days until

to obtain the best results:

the Government in a control pro-gram. A control acreage pro-bacco, the selection of the seed 4. It is very e gram is the only method in plants in the field is very imwhich fair exchange value can portant. A broad leaf with the be expected from tobacco or any

have a control program so long as the majority of the growers are willing to cooperate. as foreign markets are concerned. Flue-cured tobacco is grown in a relatively small area, which includes northern Florida, parts

And

They Do It

For

LESS

MONEY

Any Other Kind Of

Avertising markable growth. THEM

of Georgia, South Carolina, North Carolina, and Virginia. Flue-**Booster** Of The Whiteville Mart the very best materials. The ni-trogen should be derived from

nating along the mid-rib, and ers of flue-cured tobacco can the leaves properly spaced on sults than the narrow type of tobacco, such as Willow Leaf, or to go to the other extreme, a ter position than cotton so far variety known as Big Gem. Big Gem has an extremely broad leaf and the fibers join at the midrib and extend out through the leaf in an opposite direction making a larger angle between the mid rib than the above varieties. This causes the leaf to break easily in case of wind. **Tobacco** Fertilizers

Fertilizers should be made of ¼ nitrate nitrogen, ¼ ammonia nitrogen, 1/4 cottonseed meal, and 1/4 from blood, fish of tankage. Urea which analyzes 46 per cent nitrogen is also a good source of nitrogen for tobacco. The phosphate should come from superphosphate. The potash should not exceed 2 percent muriate of potash and the remainder from sulphate. If no magnesium limestone has been used on your soil in recent years, it will be profitable to insist that your tobacco fertilizers carry at least 2 percent available magnesium oxide. Most soils of the state require at least 5 to 6 percent potash to give the most profitable results, however, there are some soils where 8 percent is necessarv. Under average soil conditions the rate of application should be

from 800 to 1,000 pounds per

acre. The producer in all cases

should know the productivity of

J. S. MANN

MANN DEPARTMENT STORE his soil to the extent that he J. S. Mann takes the same can make his application of ferpride in Whiteville that he takes tilizer to the best advantage, conin his store which is one of sidering the growth and quality Whiteville's most modern and up- necessary for the best market demand. We would recommend to-date.

Mr. Mann has been active for on light colored less productive many years in Whiteville's civic soils of the Coastal Plain and affairs, being a Mason, Rotarian Piedmont sections a 3-8-6. On and officer in the local post of the heavy more productive soils the American Legion. Mr. Mann a 3-10-6. Where tobacco follows served in the army 22 months a legume crop a 2-10-6 should be during the World War. In the used.

Under most soil conditions best thirteen years that Mr. Mann has called Whiteville "home" he has results are given when the ferseen Whiteville experience re- tilizer is applied in the drill a week to ten days prior to trans-With a force of eight sales peo- planting. On the light, sandy ple, Mann's Store is one of soils that leach readily during the leaders in this section and heavy rains, two applications of carries a complete line of ladies' fertilizer should be applied,-twoand men's ready-to-wear as well thirds of the fertilizer before transplanting and one-third about as children's clothes. 20 days after transpainting.





George A. Myers, Jr.

George A. Myers

For twenty (20) consecutive years we have given the farmers of this section the best of services and the highest market prices that could be obtained anywhere. This year we can assure you without fear of contradiction that tobacco sold here will bring as much if not more than any other market. Bring us your first load and we feel sure that you will sell the remainder of your crop here.

Myers Warehouse Geo. A. Myers, & Son CHADBOURN, N. C.

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