

WI, FIRE, BLUE MOLD MEAN TROUBLE FOR BURLEY GROWERS

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Burley tobacco growers in Western North Carolina and other areas know that wildfire and blue mold spell trouble and reduced profits. They know that these names identify two diseases which often destroy young tobacco plants in the seed bed. Wildfire is perhaps the better known in the burley growing area but either disease is capable of causing wholesale destruction in a short time. Wildfire is even a greater menace because this disease may also spread later or in the field from plants which carried the deadly germs from the plant bed to the field. Field infections cause poor quality tobacco. For this reason, even the plants which may survive an attack of wildfire in the plant bed are unfit for setting in the field. Such a plant may appear to be perfectly healthy and still be a carrier of the wildfire organism.

Why Do Growers Gamble?

Why should growers take a gamble on destructive diseases like these when they can be controlled at little cost? Perhaps it is because the treatments for wildfire and blue mold are preventative rather than cures. It seems that many growers always hesitate to use pest control measures when the plants appear to be doing nicely. Instead, they feel that they will get by somehow without treating their beds, and sometimes they do. However, when conditions favor these diseases and they strike suddenly, as they did in the spring of 1949, these growers then would be willing to try almost any remedy. But that's too late!

According to Dr. C. J. Nusbaum, who spends all his time working with tobacco diseases at the N. C. Agricultural Experiment Station, there are no satisfactory cures for wildfire or blue mold—only preventatives. To be effective, these preventative measures must be applied before the diseases make their appearance. This is a very important point. In fact, it is the key to success in avoiding serious damage from wildfire or blue mold. Year in and year out, all growers would be able to produce better plants more cheaply by making disease control a regular practice and enjoying the satisfaction and profits that a well-managed plant bed can give.

Different Diseases — Different Treatments

Wildfire and blue mold are separate and distinct diseases caused by two different organisms. Growers in the burley area often confuse blue mold with wildfire. Blue mold does not produce the round, yellowish or brownish spots, surrounded by a light band, as does wildfire. Instead, the affected leaves at first take on a yellowish cast and turn downward at the edges. A bluish or grayish moldy growth appears on the undersides of these leaves. Later the leaves or even the entire plants may be killed, either in spots or throughout the bed, producing a "burned over" appearance. While both diseases are favored by wet weather, each one develops differently and requires different treatment. Methods for control will be published next week.

THE OLD HOME TOWN By STANLEY



Story Of Textile South Offered Travelers On Southern Railroad

CHARLOTTE — The Southern story is being put on the Southern. It's the story of the South rather than the story of the Southern, although the Southern has played a large role in the Southern story. If so many "Southerners" in the foregoing are confusing, let it be explained that one of them stands for the Southern Railway System. And the story is the story of the "New South", an appellation that

has far more significance today than ever before.

In a less hectic age it would be called a "revolution." But the fact is that economically and otherwise the region is growing as never before and is being reshaped by diversified agriculture and expansion of industry, paced by modern textile mills and related industries.

An attractive folder in the shape of a booklet, with many striking photographs symbolic of the modern South, is being placed on the passenger trains of the Southern

STATE COLLEGE FARMER'S AID

QUESTION—Where is the best place to plant camellias and azaleas?

ANSWER—Both camellias and azaleas will grow in full sun, but semi-shade is desirable. Too much shade makes the plants spindling and open and they will develop few flowers. Plants on northern exposures, or otherwise protected from too much winter sun, especially early morning sun, will generally stand more cold than will those on southern exposures. Northern exposures provide more constant temperature conditions. Too, on northern exposures plants enter the dormant period earlier in the fall and remain dormant later in the spring. Protection from winter winds also helps. Always place these plants on well-drained locations. This is highly important.

QUESTION—Is building up the litter a good practice in poultry production?

ANSWER — Many poultrymen start their chicks on two inches of clean litter. During the fourth, fifth, and sixth weeks of brooding

Railway System. Not only can a traveller read the booklet and gain a new insight into the South, but he can mail one home or to a friend in a handy accompanying envelope.

Singing Sunday At Gay Methodist Church

The 4th Sunday Singing Convention will convene at the Gay Methodist church Sunday afternoon, beginning at 2 o'clock. Everyone is invited to attend.

Round kernels of seed corn are just as good for planting as flat ones, and a lot cheaper, according to a seed specialist at State College.

they add one inch of clean litter on top of the old. By doing this they have been very successful avoiding acute outbreaks of coccidiosis. It is also an excellent practice to add an inch of litter over the old litter every two or three days in the case of an outbreak of several other contagious diseases. This practice has proved very satisfactory under field conditions, and it saves much labor since the house does not have to be completely cleaned and re-furnished with litter.

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