

Blue Mold Attacks North Carolina Tobacco Plants; Robeson County Reports

Blue mold, the dreaded fungus parasite that attacks tobacco plants while they are too young to fight back, has struck again.

This year it made its first North Carolina appearance in Robeson County, near the Bladen County line. The attack was discovered late last week.

It first appeared this year in Georgia plant beds several weeks ago and has spread northward with warm weather, crippling tobacco plants that stood in its path. Ter Heel farmers are warned to keep a close watch on their plant beds and start treating for control as soon as the downy mildew appears in their area.

The warm, wet weather of last week was ideal for the spread of the disease and it is likely that it has already appeared in other sections also, according to State College plant pathologists.

North Carolina tobacco farmers are generally familiar with blue mold, having suffered severe losses over a period of years. In 1949 approximately 40 per cent of the plant bed acreage of the state was destroyed, forcing farmers into a frantic search for tobacco plants with which to plant their allotment. The annual loss is estimated at about \$4 million.

A cooperative team of federal, state and local workers keeps a sharp watch for the spread of the disease as it spreads northward. But the success of the reporting team is dependent to a large extent on how promptly individual farmers report outbreaks on their farms. For this reason farmers are requested to contact their local county agent immediately when they discover blue mold in their plant beds.

Sixty-five per cent zineb and

per cent ferbam are the chemicals now recommended for blue mold control in North Carolina. Either material gives excellent control when properly used. Neither will cure the disease, but both will prevent its spread.

Right Management Key Chick Raising

A quality chick should possess through inheritance the ability to live, grow and perform. But these profitable characteristics may be torn down in a very short time by careless and indifferent management, according to R. S. Dearstyne, head of the department of poultry science at N. C. State College, says there are many ways in which the poultryman can retain in his chicks their inbred characteristics of vitality and production.

One sure way is to feed them a balanced diet. A chick at the time of hatch will weigh about two ounces. At three pound weight, which should be reached in 10 to 12 weeks, the chick will have increased its weight 3,400 per cent. Growth is obtained solely from the feed entering the chick's body. The diet must contain the proper type as well as the right amount of protein, carbohydrates, fats, minerals, and vitamins if the desired end is to be reached.

To secure such a diet is not difficult as there are many reputable brands of mash on the market which should supply all the necessary food factors. The great possibility of poor results in feeding lies in not having adequate feeding space at the start and in failing to increase

THE CHAMP By Alan Mauer



CASEY, NOT CONTENT WITH BEING THE FIRST TO WIN 5 FLAGS IN A ROW, GOT OFF TO AN EARLY TRAINING START TO BE 5TH MANAGER TO NEED TWO HANDS TO COUNT HIS WINS

Distributed by King Features Syndicate

this as the birds grow larger. Chicks should have one-half inch feeding space for the first three weeks and time until the eleventh week. Secondly, chickens may go with-

out feed for days and still live, but if deprived of water they soon die. Healthy chicks will drink if clean water is conveniently available and ample drinking space is supplied. Research indicates that dependent on diet, the average water consumption of 100 chicks ranges from 2.8 to 3.7 gallons per day. Chicks should have three half-gallon founts per 10 chicks for the first three weeks and two three-gallon founts or one four-foot trough from then on through the tenth week.

The chicken is a relatively small animal. It has, however, a high metabolism rate and its requirements from fresh air are high in comparison to other animals.

About 3.5 per cent of the air exhaled by the chicken is carbon dioxide. If carbon dioxide is inhaled consistently, even in a relatively small quantity by chickens, there is developed a depression and because of this a slowing up of body activities. Quality disappears in the chick. This emphasizes the necessity of carefully controlled ventilation. There should be a constant inflow of fresh air without direct drafts on the birds if health is to be maintained. Good ventilation also is one of controlling factors of wet litter. It is a fundamental health measure.

A quality chick, as far as possible, must be a disease-free chick. The work of the N. C. Department of Agriculture is blood-testing for pullorum carriers has reduced the chances of pullorum in chicks to a very low level. However, diseases other than pullorum may occur in chicks. The efforts of the poultryman should be pointed largely toward the prevention of disease. This is best accomplished through good sanitation and careful management. Many thousands of quality chicks perish each year because managerial errors have reduced vitality to the extent that disease outbreaks have occurred.

Calypso Joins Finer Carolina Contest

Along with one hundred and sixty-three other towns, Calypso has joined in the "Finer Carolina" contest.

Calypso is a small town, but cooperative and there is a big difference in the whole town working to win a contest and just one person alone trying to win. We are all striving to make Calypso a "Finer Carolina" town.

The Ruritan Club, The American Legion, the Firemen, the Adelpian Club, the Town Officials and the Home Demonstration Club all have a part in the contest. Practically everybody in and around Calypso is working through one or more of the organizations to reach the goal - as we must, in order to win in this contest.

Spot Planting May Be Profitable As Forestry Aid

What does a farmer do with an unusually large area of wasteland? The question may receive a partial answer, at least, in a practice being carried out on the farm of C. B. Hatch of Dudley.

Hatch has 275 acres of wasteland, according to Steven E. Lewis, assistant Wayne County farm agent for the State College Extension Service. "By wasteland," says Steven, "I mean land that was stripped of its timber and no provisions left for a seed source with the exception of a few hardwoods."

The entire 275 acres doesn't have a single pine bearing seed and hasn't had for the past 35 years, according to the assistant county agent. Hatch tackled the problem of bringing the 275 acres into productivity by making "spot plantings" of pine. He finds clearings that will support seedlings and plants loblolly pines.

At the transition zone between the high ground and swamp he has disturbed the soil and planted a band of loblollies around the entire swamp. Some hardwoods are being logged out of the swamp as the ground is torn up and clearings created. Hatch spot plants a few seedlings. But he is careful to place the seedlings in an area that is not likely to be flooded.

Says Steven: "The idea is something worth following up. If it proves successful Mr. Hatch has accomplished something very worth while. I am of the opinion that it will come out all right. He has based it on good sound reasoning."

LOSES BALANCE

No wonder a man so often loses his balance when his wife goes on a shopping spree.

TALKING TURKEY

Many a wife has to talk turkey to convince her husband he is the one to bring home the bacon.

TIME A FACTOR

Everyman has his price, every woman her figure - it's only time that makes it problematical.

Food Production Keeps Pace With U. S. Population

Although population in the United States has increased 29 million since 1940, food production has more than kept pace, according to H. D. Godfrey, state ASC administrative officer.

On a per capita basis the present estimated population of 161 million eats 15 per cent more food than in the period just prior to 1940. It is significant, says Godfrey, that most of the increase in food production has come since the Agricultural Conservation Program started providing the means and encouragement for farmers to carry out soil and water conservation practices.

Godfrey hastens to add, however, that he doesn't mean to give the ACP all the credit. But the conservation practices carried out by the farmers cooperating in the program "have been a major factor."

Production figures show that except for potatoes there was no significant increase in the per acre yield of any major crop in all the 70 years before 1937, says Godfrey. Since then the per acre yield of all major crops has gone up.

Godfrey gives a great deal of credit for increased yields to the work of agricultural scientists. Improved varieties, better fertilization, more effective means of controlling disease, insects and weeds, and better soil management have gone a long way in providing the increase. Educational services have provided farmers with a strong background of information. The ACP, with its elected farmer-committees in every county in the state and with its direct financial assistance has provided a means of getting quick action by farmers.

Looking at it from this standpoint, Godfrey says the ACP is a consumer program as well as a farm program. "The program gives assurance that an increasing population can continue to eat well."

DIPLOMATIC TACT

It takes the tact and experience of a diplomat to mind other people's business successfully.

Have you been to Calypso lately? If so, you noticed some of the things that have been done. A new stainless steel sink has replaced the old discolored zinc one in the school lunch room; also, there is a new asphalt tile cover on the old cement floor. We are working for a better water system for the school.

We have a new Fire Station and Town Hall and we are working on a modern jail. The Legion hut has had its face lifted. Shrubbery has been planted and work done on the interior. The cemetery has had its share of attention and part of that "gone and forgotten look" has disappeared. The open, hazardous ditch has been filled in and with our new power mower, the cemetery will really take on a new look this summer.

Old dwellings on Main Street that were really rat harbors have been torn down and the land levelled. The ditch which was an eye sore to the Bank lot has been tiled and filled. The added street lights are a great benefit, and you should see our big red fire truck!

We truly welcome you to Calypso and will continue to do all we can to make it a "Finer Carolina" town, for we the residents to live in, and for you to visit.

A landscaping program is being sponsored by the Home Demonstration Club so that everyone will have an opportunity to learn more about beautifying their yards. This Club is also preparing a large "Welcome" sign to welcome people to Calypso.

INCREASE YOUR YIELD
PREPLANT APPLICATION

MATHIESON
ANHYDROUS AMMONIA
GIVES YOU

- 1 NITROGEN in its most economical form**
- 2 NITROGEN to maintain organic matter in the soil.**
- 3 NITROGEN which becomes tightly bound to the soil particles—resistant to loss from leaching.**

MATHIESON CHEM. CORP.
Standard Fertilizer Division
Cooper Gore W. W. Loftin

Tobacco Farmers

Protect Your Investment Against

Big Root

In Tobacco With

DOW-FUME W-85

We Can Make Immediate Delivery

J. O. Stokes

In Kenansville

FERTILIZERS

THE OLDEST BRANDS

Made in the newest way

It's the best you can buy for any crop-

BAUGH'S

FOUNDED 1817

ANIMAL BONE

FERTILIZERS

BAUGH & SONS COMPANY
NORFOLK, VA. - NEW BERN, N. C.

See Your Local Baugh Agent or

J. O. STOKES, Kenansville or
FRED REVELLE, Warsaw

For Board Of Education

I hereby announce my candidacy for the office of member of the Board of Education of Duplin County, subject to the will of the people to be expressed in the Democratic Primary Saturday, May 29th.

If nominated and elected, I will continue to do my best to provide educational opportunities in all of our schools that are equal to the best in North Carolina, because I believe that children in a rural county deserve the same opportunities enjoyed by city children.

I believe that the experience I have obtained during three and a half years as chairman of the Board of Education will enable me to perform my duties in an acceptable manner. Your vote and influence in my behalf will be appreciated.

William Dallas Herring

We Carry A Complete Line Of Merchandise

R.C.A. and Zenith Television

R.C.A. Electric Cook Stoves

Hardware, Groceries

Dry Goods, Furniture, Seeds

Building Materials

Robertson and Armours

Fertilizers

Your Business Will Be Appreciated.

M. B. Holt & Co.

Albertson, N. C.