

## Fumigating Tobacco Soils Effective If Done Properly

A pest that annually costs North Carolina tobacco growers millions of dollars is being given the "gas treatment."

Tar heel producers are using fumigation in an effort to rid their tobacco soils of destructive nematodes.

These microscopic pests last year reduced the value of the North Carolina flue-cured tobacco crop by an estimated \$6 million.

Crop rotation, plowing and stubbs after harvest and fumigation are three anti-nematode measures being followed by producers.

"Fumigation can be one of the most effective measures a farmer can use in reducing the nematode population in his fields," comments Furney Todd, extension plant pathology specialist at North Carolina State.

"But its use is not something that can be given a blanket recommendation," the specialist added. "Unless a farmer is willing to follow directions carefully and do the best job possible, fumigating soils may be of no benefit to him and could actually do a certain degree of harm."

Todd listed several suggestions for the producer who plans to use fumigants in tobacco soils this spring.

First, the farmer should select the right material from the relatively large number of fumigants available. "The level of nematode infestation, the kinds of nematodes present and the crop rotation that has been followed help determine which fumigant to use," said Todd.

Among the materials recommended are D-D, Telone, EDB-85, Dordone, Fieldfume and Penphone.

Penphone has been used in research and demonstration tests for the past three years and is making its debut on the market. Tests have shown it to be effective against root knot nematode, according to Todd.

The specialist continued by suggesting that farmers obtain from their county extension a-

gent a table of application rates.

"The rate of application is very important," said Todd. "Under application will only result in an added cost of production that won't pay off. Over application can damage the tobacco plants and reduce crop value."

Farmers should take extra precautions in calibrating equipment and checking it at least twice a day. "There is no room for guesswork here," Todd warned.

Continuing, Todd said the fumigant should be applied at least eight inches below soil level. "The fumigant changes into a gas once it is in the soil," he explained. "It is the gas that does the job. Therefore, depth of application is important."

If the row method of application is used, the fumigant should be applied about 14 inches from the top of a high, wide bed.

A seal should be provided immediately after application. This can be done with row method of application by throwing a large bed with a turning plow or four discs on a tractor with a large sweep behind the tractor running middles.

If the broadcast method is used, the soil may be firmed with a log or by dragging.

After the fumigant is applied, the farmer should wait at least two weeks before transplanting. "The best plan to follow is to apply the fumigant at the earliest date possible after soil temperature reaches 50 degrees," said Todd.

If heavy rains occur after application, the bed should be opened for aeration and then rebedded before transplanting.

"Fumigation can be a valuable practice when it is done properly," Todd said. "It is a practice the farmer himself has to decide on."

Every duty which we omit, obscures some truth which we should have known.  
John Ruskin

## Scott's Store

Guests of Mr. and Mrs. Jones as Dail Sunday for dinner were Rev. and Mrs. Francis Garner and children of Mt. Olive. In the afternoon, Mr. and Mrs. Paul Howell and son of Raleigh, Mr. and Mrs. Currie Dail, Mr. and Mrs. Claud Powell and Sonya and Ben Sutton of Warsaw visited with them.

Bill Dail and his mother Mrs. Della Dail visited the Lester Outlaw family in the Summerlin Crossroad section. J. D. Outlaw Jr. of Hialeah, Florida was called here Wednesday because of the sudden illness and death of his father Jeff D. Outlaw.

George W. Sullivan left Tuesday for Kingsport, Tenn. where he will visit with his niece and family, the Howard Mosters.

Mrs. Sudie Malpass of Kennedy Home near Kinston spent the weekend here with her son and family Mr. and Mrs. Calvin Malpass and boys.

Durwood Outlaw and sister Mrs. Carroll Kellum of New Smyrna Beach, Fla. were here last week a few days to attend the funeral for their uncle Jeff D. Outlaw.

Miss Wanda Bell had as her guests for supper on her birthday Friday evening Misses Rachel Smith Betty Smith, Diane Jackson and Martha Shepard of Pink Hill, Rose Stafford and Patricia Grady, Albertson, Phyllis Waller and Denise Kornegay of Herring Store section.

Mr. and Mrs. O. W. Scott visited Mr. and Mrs. Charles Holmes in the Herring Store section Sunday also Mr. and Mrs. Ivey Sullivan of the Oak Ridge area.

Several from this community were in Raleigh Saturday to attend the Robinson-Waller wedding.

Sunday Mrs. Helen Waller had as guests for dinner Mr. and Mrs. Gerald Carr and Daly of Rose Hill, Dr. and Mrs. W. C. Adams and children Benson and Dr. and Mrs. Robert L. Summerlin and family of Dublin. Afternoon visitors were Phyllis Waller of Herring Store and Mr. and Mrs. William Wal-

ker and Faye. Mrs. Liston Summerlin of Warsaw and Mrs. O. W. Scott visited their aunt Mrs. Web Jones in the Corbett Hill Community Tuesday evening.

Visiting Mrs. D. S. Waller and Lorena Sunday were Mrs. Gilbert Holmes and grandchildren of Bowden, Mr. and Mrs. Steve Waller Donna Leigh and Joe Dan and Mrs. Joe Odom of Mt. Olive, Mr. and Mrs. Norwood Phillips and family Warsaw and Phyllis Waller of Herring Store.

Miss Blythe Bell of Buies Creek was here for Mother's Day week end with her family the Jasper Bells.

Saturday Mr. and Mrs. Albert S. Smith of Jacksonville and Mr. and Mrs. D. L. Scott, Jr. of Rocky Mount were luncheon guests of Mr. and Mrs. D. L. Scott, Sr. Sunday visitors in Scott home were Mr. and Mrs. Norman Whitfield, Mrs. Kenneth R. Barwick and son

## Taint Funny, Sonny!

Suppose, for argument's sake, that one out of every four or five people you passed on the street had some clear evidence of illness or injury. Say a swollen face, maybe a severe limp, or marked nervous twitch. Wouldn't that give you a jolt?

Of course it would. One of

Ken of Mt. Olive, John Smith and Dowdy Outlaw of Pink Hill, Mr. and Mrs. Carl Rivenbark and boys Mrs. Thelma Hargrove, Darry and Clarry.

Mr. and Mrs. Claud Powell and Sonya of Warsaw were dinner guests of Mrs. A. J. Scott Sunday.

Mr. and Mrs. Taft Herring and Janet and Mr. and Mrs. Bill Herring and son of Clayton visited with the Cecil Kornegays Sunday.

man's chief grace is his ready concern for the hurts of his neighbor. He may listen nonchalantly to reports of an overseas catastrophe costing the lives of tens of thousands. But let the fellow next door slip and crack his collarbone, and your ordinary citizen will be in there summoning his doctor, running his errands, cooking his prunes, even holding down his job for him if need be.

Oddly enough, there's one trouble spot where this healthy team spirit doesn't seem to operate. We show almost tearful solicitude over our friends' toothaches and falling hair, but we seldom bat an eye when confronted with a certain really serious, potentially dangerous symptom of disease—namely, a chronic cough. Tradition requires that we dismiss this with a flip reference to "smoker's cough." And that's mostly what we do.

Symptoms of illness aren't immediately visible in one out of every four or five people you meet. But roughly that proportion of our cigarette-smoking population does have a chronic cough. And medical science has nailed down the fact that chronic coughers and chronic cigarette smokers are most numerous among people who come down with chronic respiratory diseases.

Instead of whimsy about "smoker's cough," your Christmas Seal Association has a different suggestion. Next time you come across one of those chronic coughers, take him on a personally conducted tour to his doctor for a look-see. The suggestion goes double if the cougher happens to be yourself!

## Outlaw's Bridge

Mrs. J. H. Parker Cor. Mrs. Alton Powell will be

hostess to the Home Demonstration club Monday May 18, at 3:00 p. m. All members are urged to attend the meeting.

Mr. and Mrs. Douglas Smith visited relatives in Spartanburg, S. C. during the week-end.

Among visitors here for Home Coming and Mother's Day program were from Greenville, Kinston, Goldsboro, New Bern, Wilson, Mt. Olive, and Lumberton.

Eldon Thornton of Clinton R. F. D. was a brief visitor with relatives Friday afternoon.

Jos G. Jones of Spartanburg, S. C. visited relatives Saturday night and attended Mother's Day program Sunday.

Rev. and Mrs. Don E. McMillan visited in Kinston Sunday night. Mr. McMillan filled his regular appointment in the Kinston church.

Mrs. Mable Price visited relatives in the Drumville area Saturday and Sunday.



Ray Bell



C. L. Nicholson

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