



## Tobacco Control Situation Is Discussed By Weed Specialists

Editor's Note: In the interest of the tobacco industry of North Carolina and the economy of this area, The Duplin Times is publishing an article from tobacco specialists at N. C. State in its entirety. It is seldom that we feel any article of this length should be published. We hope that you will take the time to read this article in detail — every bit of it.

By R. E. Bennet, S. N. Hawks, Jr. and W. G. Maxwell, N. C. State College Tobacco Specialists

There are no known sucker control chemicals recommended for use on tobacco in North Carolina at this time.

Tobacco should be topped and hand suckered in the interest of producing good yields of high quality tobacco to provide the consumer with a satisfying smoke and to hold our foreign market.

Research work was begun in North Carolina in 1947 with the use of hormones and a little later with the use of white mineral oil for the control of suckers in tobacco.

It was observed that white mineral oil, then used as a carrier for Naphthalene acetic acid, was killing tobacco suckers.

Because of the severity of stalk rot leaf drop associated with sucker control, research shifted to a mixture of white mineral oil, an emulsifier and water. Oil emulsions generally have caused less stalk rot and less leaf drop than the straight oil. However, it is not uncommon to find some

stalk rot and/or leaf drop following the use of oil emulsions.

With both the white mineral oil and white mineral oil emulsion there is usually some burning of leaf and stalk tissue at the base of the leaf, particularly under certain conditions. When this burning is severe enough, especially if the weather is hot, it may cause leaves to drop off. Stalk rot may occur when oil or oil emulsion moistens the stalk at the soil line and gets into the scars left where the ground suckers are removed or where the plant bed leaves have fallen off.

Indications are that the burn and leaf drop may cause more damage if the plants are treated in very hot weather. Leaf drop may be more severe if rapid growth and increase in leaf weight takes place following treatment. Stalk rot may be increased if the weather is cloudy, humid and rainy following treatment.

Sucker control has generally been satisfactory with white mineral oil emulsion or white mineral oil, though not as good as with MH-30. Some growers have used this treatment for a number of years without appreciable loss, while others have experienced more loss from stalk rot or leaf drop than they feel they can afford.

There have been a number of physical and chemical evaluations of MH-30 as compared to hand suckered tobacco. The Experiment Station and some of the tobacco companies have cooperated in conducting these tests. There have been some changes reported in

certain chemical and physical properties of tobacco, as compared to hand suckered tobacco. The degree of these changes has been considered by some to be small, though they affect important constituents.

In recent years, there has not been as much interest shown by companies in evaluating oil or oil emulsion treated tobacco as has been shown in MH-30 treated tobacco.

One company reported that differences in aroma and flavor in treated tobacco as compared to non-treated tobacco, detected in smoke tests, probably was similar to the strength and harshness associated with tobacco topped too low and suckered too close. To date, there is little on known organized effort to condemn the use of white mineral oil or white mineral oil emulsion as a sucker control treatment by the manufacturers.

Oils or oil emulsions are not recommended for use on tobacco because of the possible effect on the growing crop (stalk rot and leaf drop) and due to lack of information on the effect on the quality of tobacco.

Any grower who elects to use oil emulsion may reduce his risk of loss from stalk rot and leaf drop by reducing the dosage to 1/2 to 1 teaspoonful of the oil emulsion per plant. It may be better to sacrifice some chemical sucker control toward the bottom of the plant by using only enough oil emulsion to control the top or to sacrifice some chemical suckers should be removed by hand, fairly early. Avoid applying the oil emulsion in very hot weather and in the hot part of the day. Early morning or late afternoon is probably the best time for application.

used without seriously affecting the quality of tobacco for use in manufacturing cigarettes.

The North Carolina Agricultural Experiment Station began experiments on the use of maleic (continued on back)

## Briefs

### To Attend Convention

Mrs. Thelma D. Taylor will attend the Superintendents of Welfare Association in Raleigh on Tuesday, Wednesday and Thursday of next week. Mrs. Taylor states that many subjects will be discussed at this meeting.

### Driveways Completed

E. C. Tyndall reported that on Wednesday, June 24, the Highway Department has completed all school drive ways in Duplin County. Each driveway has been paved.

### ATTEND HIGH SCHOOL SCIENCE INSTITUTE

Laura Anne Penney and Woody Fowler Oakley, both of Kenansville and James Kenan High School are participating in the science institute for high school sophomores, juniors and seniors now in progress at East Carolina College.

Dr. Frank W. Eller of ECC science institute is director and coordinator of the science institute, which is sponsored by the college and financed by the National Science Foundation.

There are 16 girls and 24 boys registered for the institution. These students were chosen for their high academic standing in school.

### RED CROSS MEETING

The annual Red Cross meeting will be held on June 26 at 8:00 p.m. in the chapter office in Kenansville. Mrs. N. B. Boney, Executive Secretary of the Duplin County Chapter, announces. All interested persons are urged to attend.

### Maleic Hydroxide (MH-30)

Growers are cautioned against the use of MH-30 on growing tobacco for sucker control until it can be determined under what conditions, if any, MH-30 can be



THE MUSICAL MESSENGER QUARTET composed of Top row reading left to right Rev. J. Kennedy, bass; Rev. Melvin Worthington, second tenor; Bottom row, left to right, Rev. Milton Worthington, first tenor; Dave Cochrane, baritone.

## Musical Messengers Conduct Services

From July 5 through July 11 they will conduct services at the Sarecta Free Will Baptist Church near Kenansville. The pastor of Warsaw, Rev. Gordon Hart, extends a cordial welcome to all to attend. Services will be at 7:30 p.m. on Sunday nights and at 8:00 on each week day night.

## American Legion Planning Program Attend Meeting Friday Night June 26

Among the many things that were discussed and decided at the past meeting of Post 127 was that a new meeting "time" would probably be more suitable and the last Friday night of each month was decided upon. Although there has been one meeting this month on the second Wednesday night, it was decided that the new meeting would begin next Friday night because there is still so much work needs to be discussed in the line of business.

It was also decided at the June 10th meeting that Charles R. Gavin Post 127 would invite the other Civic Clubs of Warsaw to take an active part in the Veterans Day celebration in Warsaw. In all the years past, Post 127 has been selfish to a degree in that the members of the Post have undertaken all the work in preparation and carrying out the November 11th celebration. As of this coming Fall this will be different, if the Rotary, Lion, and Jaycee Clubs are willing to act as committees to carry out preparation and completion of the big celebration along with the American Legion Post 127.

Many members of these Clubs are Legionnaires and have taken an active part in the many hours of work and worry which a successful celebration of Veterans Day requires, but there are many members of these same Civic Clubs who have not had the pleasure of seeing the fruits of their own labor. It is the opinion of Commander Wilbert S. Boney of Post 127 and many Legion members that the Rotary, Lion, and Jaycee Clubs should have an opportunity to share in the Veteran's Day celebration in Warsaw because it should be a combined Community

## Correspondents Take Notice

Please get your correspondence in one day early next week as we will have to publish on Wednesday due to the 4th of July holiday.

## Booker Perry Is Held On Assault Of J. Mewborn

Booker T. Perry, Negro, of Seven Springs, near Moss Hill, is in Duplin County jail pending the outcome of John Lewis Mewborn, Negro, of the Summerlin's Cross Road section.

Mewborn is in Duplin General Hospital with a fractured skull as the result of a fight with Perry. Mewborn was struck over the head with a piece of iron, according to Sheriff Ralph Miller.

Perry was picked up by Le-noir County officers Monday afternoon near Hussey's Store and turned over to Duplin authorities.

## Carey L. Carter Of Wallace Succumbs

Carey L. Carter, 66 of Wallace, died in James Walker Memorial Hospital in Wilmington Friday afternoon. He was a member of the firm of Brice and Carter livestock market here, a member of the Wallace Baptist Church and a veteran of World War I. He is survived by his wife, Mrs. Jessie Fleetwood Carter of the home; four daughters, Mrs. L. Bennett Gram of Columbia, Pa., Mrs. Ralph E. Sprinkle of Fayetteville, Mrs. Benjamin Powers Boney of Hamlet and Mrs. John P. Jones of Decatur, Ga., eight grandchildren; three sisters, Mrs. Luke W. Boney of Wilmington, Mrs. Roy Baines of Wallace and Mrs. Carl B. Adams of Greensboro. Funeral services were held at the Wallace Baptist Church, Sunday at 4 p.m. Entombment was in the family mausoleum in the Rockfish Cemetery in Wallace.

## Rackley Finds Grain Loan Beneficial

Many Duplin County farmers will find, when they harvest their grain on their farms, that they could have increased their income considerably by being able to store their grain at harvest time.

Mr. Felton Rackley of Rose Hill, N. C., one of our Duplin County farmers who secured a grain loan through Agricultural Stabilization Conservation, states that it is very beneficial to a farmer to store his grain and wait until later in the season

when prices are higher to sell his grain rather than sell it at harvest time when prices are low. Mr. Rackley stated that in 1958 he secured a loan for a bin to store his grain. At the time of harvest, corn was selling at the rate of \$1.20 per bushel. He did not wish to let his corn go for this low price so he stored it in his bin and kept his corn until prices were raised to \$1.54 per bushel. This was a gain of 34c per bushel and when selling 1000 bushels of corn this would value \$340.000 which is enough profit to justify a farmer to purchase storage facilities to hold his grain until prices are higher. This farmer can tell quite a difference in rats, mice, and other insects around his farm since he did not store his corn loosely in a crib where rats and other insects were free to run and multiply.

Mr. Rackley also says it is "good business" for a farmer to build his farm storage facilities with the profit he will gain by holding his grain when prices are low and selling the grain when prices are higher.

There are quite a few farmers in this county who are not financially able to build storage facilities for their grain. The U. S. Government has lightened this burden on these farmers by enabling the Agricultural Stabilization Conservation program to make a loan to them of up to 80% of the uncorrected cost of the bin with four years to repay the loan at the rate of 4% interest. If you feel that you might need additional grain storage this year, visit your ASC office in Kenansville and receive full details on an assistance that can be made available for the purchase of this equipment.

Patients At Duplin General Hospital

The following patients were admitted to Duplin General Hospital during the past week.

Chinquapin: Juanita K. Maready, Baby Girl Maready, Lulie Brown, Susie Mabel Lanier, Bernie A. Sholar, Dorothy Norris Batchelor, Baby Boy Batchelor, Turkey, Baby Girl Wallace, Warsaw: Ann Williamson, Julia Annie Hopkins, Rhodolph Best, Neicy Moore, Baby Boy Moore, Nina Mangum Garner, Abner Phillips, Calypso: Jesse Pearsall, Grimesland: Hugh T. McDaniel, Mt. Olive: Willie James Carlton, John Lewis Newborn, Rose Hill: Adelle Lanier, Baby Boy Lanier, Kathleen King Powell, Wallace: Pauline Plummer Teachey, Eugene Bryant Garganious, Betty Louise Brice, Baby Boy Brice, James Richard Carter, Kenansville: Leonard Keith Sasser, Sandra Jean Williford, Betty Sue Williford, Nina Elaine Williford, Terry Emerson Williford, Mattie M. Raynor, Johnny Mercer Benson, Faison: Sarah Royal Harper, Baby Girl Harper, Annie Mae Hocutt, Baby Boy Hocutt, Eloise Williams Boykin, Vera Lee, Fred Barksdale, Bernard Cox, Magnolia: Chanicy D. Evans, Eric Betha, Teachey: James Earl Melton, Albertson: John William Kornegay

## Nature Tours Of Cliffs Park Are Now Available

Cliffs of the Neuse State Park Nature Study Program is now open and open to the general public.

Park Naturalist Curtis Frederick, of Warsaw, is on hand all the time to guide groups through the Park and point out the many specimens of trees and other wild life in the Cliffs Park.

Park Superintendent Bruce Price said anyone or a group desiring to go on a nature tour of the Cliffs should contact Frederick at the Park, route 2, Seven Springs.



LOOKIN' DOWN ALLEY INSTEAD OF AISLE. Umpire Rev. Del Parkerson called a strike on first baseman Terry Quinn as Paul Britt, Jr. agrees. Quinn and his teammates (Rotary) lead the league in the Little League.

## TIMES SPORTS By Joe Costin

### KENANSVILLE DEFEATS CHINQUAPIN, 10 - 2

The newly organized Little League Baseball team in Kenansville under the very capable Manager Amos Brinson traveled to Chinquapin last week and came home with a 10-2 victory over the future Indians in their first game of the season. The Little League Leaguers have been working real hard getting in shape to play Little League Ball. And to be honest about their victory and interest in playing Little League Baseball... I will stick it out and say they look just about as good as any Little League team in this area... that is with no more experience than they have had... one day James Kenan High will be real proud of the long hours Manager Brinson has put in with these boys... and don't forget you will too. I would like to also note Manager Brinson's team is looking for games throughout the summer with other Little League teams in this area.

a long double and single. The leading hitter for Kenansville with three-for-four was lanky first baseman Woody Brinson. Mike Grady, Kenansville smart little catcher hit a tremendous triple to get the winners rolling. The other three hits by Kenansville were by Tommy Brinson, Allen Sasser, and C. T. Matthias.

Little Doc Brinson had Rudy Hasty turned in an outstanding performance on defense with three double plays... something very seldom seen in Little League play.

David Williams the losing pitcher had one of the three hits off Bostic, a home run.

The next game coming up for the Kenansville Little League team will be Thursday afternoon, July 2, 1959 at 4:00 p.m. The game will be played in Kenansville on the Little League Field. Manager Brinson and all the Little Leaguers are looking for your support at this game.

### WARSAW EDGES WALLACE IN PONY LEAGUE GAME 4-3

Neal Mitchell, pitched five innings of "no-hit" ball Monday of this week against a strong Warsaw team.

Mrs. N. B. Boney and the Kenansville Girl Scout Troop with the television which she was presented by the Girl Scouts, their parents, friends and former girl scouts, on last Wednesday afternoon. The Girl Scouts and their mothers gave a reception honoring Mrs. Boney who is retiring from active girl scout work after twenty years of service as leader. (Photo by Ruth P. Grady.)

## Mrs. Boney Honored By Scouts

by Mrs. C. B. Guthrie

In May of 1939 the mothers of Kenansville became interested in girl scout work. Mrs. N. B. Boney, who had been leading a group of Camp Fire girls, was asked to act as leader of the troop to be organized.

In order to organize, a troop must have a sponsor. The late Mrs. R. V. Wells, who was president of the Woman's Club, put the matter before the club and as a result they accepted the sponsorship gladly and remained its sponsor until they disbanded a few years ago.

Under Mrs. Boney's leadership, with the help of committee members, some of whom have been Mrs. Perry Dobson, Mrs. A. T. Outlaw, Mrs. Amos Brinson, Mrs. E. A. Newton and many more, a number of girls have been taught the principles of sharing, good sportsmanship, honesty, "handi-work" and urged to search for the good and wholesome things in life and to use them.

For the past twenty years, Mrs. Boney has never shirked her responsibility, always putting her scout work next to her church; giving her time each week, fifty-two weeks in the year. When she was asked how long was twenty years? Her answer was very readily, "Not long enough, as there was so much to do and to be done," she also said it was she who was most benefited by her work, because in working with youth, she had been able to have a younger person's viewpoint on living.

Because of all these things, Mrs. Boney hates very much to give us this work as an active leader, but as time moves on she feels she must.

Because of her decision, the present troop wished to recognize her for her work in a special kind of way. So, with the help of the members of the troop in past years and friends of the

town, they were able to present her with one of her "heart's desires," a television. This was done at their regular meeting time on last Wednesday afternoon in the Educational Building of the Baptist Church.

Mrs. Boney presided at the meeting with the usual scout rituals, then Frances Stroud read an original poem (written for the occasion by Mrs. F. W. McGowan) after which the girls, led by Mrs. Amos Brinson, sang the beautiful hymn "Others". Following this, Polly Brinson expressed the scouts regrets for her leaving and also their thanks by presenting the gift.

After thanking the girls, Mrs. Boney gave a short report on the activities of the troop in the past twenty years, after which she introduced her mother, Mrs. Kornegay, her sisters, Miss Margaret Kornegay and Mrs. Brown of Goldsboro, who were invited for the occasion. A delightful tea party was enjoyed with Mrs. Phil Kretsch and Mrs. Woodrow Brinson pouring punch. The scouts assisted by Mrs. Lester Brinson Mrs. Ivey Fields and Mrs. Harry Murphy served cookies, cheese straws, cheese biscuits and nuts. Mrs. C. C. Wood and Mrs. Boone said good by.

The table was overlaid with a white cloth caught up at the corners with nosegays of Marigolds, and centered with an attractively decorated birthday cake as Mrs. Boney was celebrating her birthday. This was cut and served to Mrs. Boney, the scouts & their mother following the tea.

Colorful arrangements of glads, calendulas and marigolds were used on the auxiliary tables and the guest register table. The scout colors of yellow and green were carried out.

Mrs. I. N. Fields and Mrs. Mary Murphy will be co-leaders for the coming year.

## Some Rain Fell Sunday, Wednesday Crops Over Duplin County Are Needing Rain Badly; Tobacco Harvest Started

Some sections of Duplin County received showers of rain Sunday and others Wednesday, but the rain which fell in most localities was not enough to help thirsty crops a great deal.

County Farm Agent Vernon Reynolds said today that crops throughout the county are "suffering a great deal from lack of water but that in most communities the situation is not critical as yet."

He points out, however, that where corn is planted on light, sandy land the situation is already critical. If corn is to be made this year on the light land, a good rain must come immediately. The corn ears are now being formed and without rain the ears will be hampered in their development.

In the case of tobacco, Reynolds said a lot of people are having to burn tobacco against

their better judgement and before the leaves are ripe in order to save the bottom leaves. The quality will be low on this tobacco which is cured before it is ready to be pulled from the stalk.

The drought has hampered the cucumber and pepper crop somewhat in that the season has been cut short because of lack of rain.

"If we get a rain right soon," Reynolds added, "We'll still have a good crop. But if it doesn't rain soon, then the situation will become very bad."

## FLUE-CURED TOBACCO MEET IN RALEIGH FRI.

The Thirteenth Annual Stock Holders Meeting of Flue-Cured Tobacco Cooperative Stabilization Corporation will be held in the Sir Walter Hotel in Raleigh, Friday, June 26th at 10:00 A. M.

Highlighting the session will be an address by Mr. James F. Richards, President of Tobacco Institute, Incorporated, Carl T. Hicks, President and L. T. Weeks, General Manager, will make a report on the over-all condition of Stabilization and their related problems that seriously affect each grower of tobacco.

All Tobacco Growers are invited to attend.

## Liquor Still Goes Down

A 100 gallon copper liquor still and eight barrels of mash were destroyed Saturday afternoon in Glisson Township by Duplin Sheriff officers.

Sheriff Ralph Miller said that no arrests were made. The still was located behind Charlie Blizard's house, Miller said.