

\$200 Per Acre Savings Seen For Leaf Growers

Many Tar Heel tobacco growers could cut their production costs by as much as \$200 per acre by taking full advantage of all the new technological developments in tobacco production.

This is the opinion of Dr. Kenneth R. Keller, director of tobacco research at North Carolina State University.

A \$200 reduction in cost would mean an additional 10 cents a pound in net profits on the average size crop of 2,000 pounds an acre.

Such a reduction, Keller believes, would help tobacco growers compete more strongly for world tobacco markets. These world markets are expanding rapidly despite the slight decline in cigarette output which has been noted in the United States.

Here are some of the specific cost-cutting suggestions mentioned by Dr. Keller:

1. The planting of more

varieties which have a high level of disease resistance to root knot, black shank and Granville wilt. He estimates that this practice alone would increase the average grower's income by \$30 per acre.

2. The use of 12-6-6, a new plant bed fertilizer. Growers can save about \$5 per 100 square yards of plant bed by using 12-6-6, which would mean a savings of about \$2 per acre of tobacco.

3. The use of high analysis field fertilizer. A common practice is to use about 2,000 pounds of 3-9-9 per acre. A farmer can get the same nutrients under his crop by using 500 pounds of 6-12-18 and 200 pounds of 15-0-14. The savings could amount to over \$30 per acre.

4. Reducing the number of leaves per acre. Research has shown that 120,000 leaves per acre will give a farmer about as much income as 150,000 leaves per acre, because the leaves

will be larger. Yet, a farmer can save \$20 per acre by having 30,000 fewer leaves to handle.

6. Combining a contact type sucker control chemical with a systemic. Most farmers now use only a systemic type sucker control chemical—MH-30. The use of a contact type chemical early followed by MH-30 can mean \$20 per acre to farmers by cutting labor costs and increase the value of the average crop.

7. Reducing the number of primings. Instead of priming their tobacco six or seven times, some farmers are priming only three or four times. The result is a labor savings of several dollars per acre.

8. Using less insecticides. Insects are usually not a major problem on tobacco. Yet, many farmers still apply insecticides routinely as a precautionary measure. Keller urges that insecticides be applied only when needed. In this way a farmer can save money and cut down on pesticide residue problems.

9. Using stringing machines. Many farmers have saved as much as \$60 per acre with a stringing machine. Other farmers are turning to bulk curing as a means of saving labor and reducing costs.

Dr. Keller said that one of the things that made him optimistic about the future of tobacco was the availability of new technology which can be used to cut costs.

He observed that a new type of tobacco farmer is emerging, who is quick to seize upon this new technology and to use it to increase profits.

FFA Teams Win At Meet

Hoke High teams won first place in parliamentary procedure and quartet competition at the recent FFA Sandhills Federation contests held at North Moore School.

Members of the winning quartet are Johnny McNeill, Marvin Clark, James Bratcher and Lee McComis. S. L. Williams is the instructor for the quartet.

The parliamentary procedure team includes Kenneth Frederick, Mitchell Whitt, Michael Adkinson, Alvin Hadley, Richard Locklear, Dale Norton, Lee McCormis and Davis Willis. Proctor Locklear is the instructor.

The teams will compete next in the FFA district field day at St. Andrews College in Laurinburg.

Church Starts Fund Drive

The Mt. Calvary Church of God in Raeford has begun a fund drive to finance replacing the outdoor toilet facilities of the church with indoor plumbing.

The drive will end with a special service April 5.

Donors of \$25 or more will have their names placed on the "Outstanding Donor's List", unless requested to do otherwise by the donor, Eldress Louise Kemp Thomas, pastor said.

A prize will be given to the person representing the group turning in the largest financial donation to the church.

Donation's made by mail may be sent to: Mt. Calvary Church of God, P.O. Box 632, Raeford, N.C.

Bond Sales Drop In Jan.

Total sales of Series E and H Bonds and Freedom Shares in January amounted to \$5,616,033, a decrease of 7.6 percent over sales in January last year.

Hoke County sales, according to R.B. Lewis, volunteer chairman of the Savings Bonds Program in the county, were \$31,584.00 in January. Chairman Lewis said, "with the higher rate of interest now being paid, U.S. Savings Bonds are a better buy

than ever; and sales should increase sharply in our county."

The new rate of interest paid on Series E Bonds is 5 percent, when held to maturity of 5 years, 10 months. H Bond interest has been increased to 5 percent when held to maturity of 10 years. E and H Bonds purchased prior to June 1, 1969, will receive comparably higher interest rates for the remaining period to maturity or extended maturity.

If you spend more time watching the weather than you do with your family, you're missing something in life.

an electric dryer



Carolina Power & Light Company



VISITING YOUTH TEAM - Students from Wingate College will hold special youth services Friday and Saturday at Robbins Heights Baptist Church. Members of the Youth Team are (left to right) Donnie Cason, Sylvia Tuttle, Shelby Coley, Nancy Brewer and Jimmy Yow.

Garden Time Youth Team Will Give Programs At Robbins Heights Baptist Church

By M. E. GARDNER
Dept. of Horticultural Science
N. C. State University

Strawberries, blueberries, raspberries, grapes - and the birds. If we could set this theme to music, we would probably arrange an unhappy tune with a sour note or two.

Most home gardeners and commercial growers are familiar with the usual protective measures for preventing damage by birds - mesh covers and manufactured noise makers. Mesh covers are not feasible for large plantings but can be effectively used for small home plantings. Manufactured noise makers are only partially effective under commercial conditions.

A study of the bird-small fruit problem is being made in Ohio under the direction of Dr. Larry C. Holcomb of the Department of Zoology, Ohio State University. Since the approach is a little different, I am passing along certain aspects of the study for the information of my readers.

A study is being made of most of the problem bird species in Ohio which are very similar to our own - robins, bluejays, catbirds, starlings, and the common grackle. Researchers are seeking weak links in the life cycle which might prove to be valuable as an aid in preventing damage.

Since most birds have certain territories which they defend while nesting, there are not enough birds present to cause damage during this period. By the time small fruits are ripening, the young have usually been raised and flocking begins in areas where food is available. It is thought that by studying the life cycle of the bird, a method may be found to protect crops by disturbing or interrupting some key point in reproductive potential or flock behavior.

Birds communicate by movements or sounds which other birds of the same species interpret as flight, stress, courting or feeding. By analyzing the various components of bird sound, a particular portion may be found which would cause fruit-eating birds to flee an area. If recorded playback of calls could be made economical, a control may result. Some stress calls have been recorded and one company sells tapes of these calls to shoo away starlings.

And so, after all, our beginning theme may some day be set to music with a happy tune and a sweeter note.

I am trying to obtain additional information. If successful, I will pass it along to you.

C.J. Benner, Jr. Assumes Pastoral Of Va. Church

Claude Jennings Benner, Jr., who graduated from high school in Raeford as salutatorian, has recently assumed a post as pastor of Urbanna Baptist Church in Urbanna, Va.

He was ordained to the ministry by the Raeford Baptist Church on Feb. 10, 1963.

He graduated from Wake Forest University in 1957 with a degree in history. While in school he was active in student affairs, a member of the Wake Forest Touring Choir and selected to be listed in "Who's Who Among Students in American Colleges and Universities."

He was a member of Theta Chi Sigma fraternity and Eta Sigma Phi and Phi Alpha Beta honorary fraternities. He was also a member of the National Guard after enlisting in 1957.

Before attending Southeastern Baptist Theological Seminary at Wake Forest in 1960, he worked for two years as archivist with the

North Carolina Department of Archives and History in Raleigh.

During his years as a ministerial student, the Rev. Mr. Benner also worked as a psychiatric aide at Dorothy Dix Hospital until his graduation in 1963.

After he was ordained here, he served as associate pastor of Franklin Baptist Church until he was commissioned first lieutenant as an Army chaplain.

He served at Ft. Lee, Va. until he was stationed in Vietnam where he served from February 1967 to February 1968. He received the Bronze Star for Meritorious Service for his service to 2nd Bat., 14th Inf., 25th Inf Div.

He was then stationed at Walter Reed Army Medical Center. He received the Army Commendation Medal in Jan. 1969 when he left the service.

The Rev. Mr. Benner is married to the former Linda Gail May of La Grange and they have a three year old daughter, Dawn.

Religious Emphasis Week Scheduled For Pembroke

Religious Emphasis Week, scheduled at Pembroke State University this week, is featuring guest speakers discussing God, race, sex, drugs and death.

The theme of the week is "Is That All There Is?"

The speakers are W.W. Finnlater, pastor of Pullen Memorial Baptist Church in Raleigh; Frank McDuffie, president of Laurinburg Institute; Rabbi Ruben Kestner of Lumberton and Whiteville; Rev. James Bailey, pastor of Chestnut Street United Methodist Church in Lumberton, and Pate Reese, reporter for the Fayetteville Observer.

Miss I. Ruth Martin, head of the Philosophy and Religious Department, is chairman of the Religious Emphasis Week Committee.

The Rev. Mr. Finnlater, known for his work with students, will be on campus all five days. He fought against capital punishment during the last two sessions of the North Carolina legislature.

The Rev. Finnlater and Frank McDuffie, president of

Laurinburg Institute who has also coached such basketball stars as Sam Jones of the Boston Celtics, Charlie Scott of the University of North Carolina and Charlie Davis of Wake Forest, spoke Monday on the topic of race.

Rabbi Kestner and the Rev. Finnlater spoke Tuesday on "Is That All There Is - Sex?" Wednesday the Rev. Finnlater and the Rev. James Bailey spoke to the students on death. The topic included suicide, murder, capital punishment, mercy killing and other aspects.

The topic for Thursday is "Is That All There Is - Drugs?" Speakers will be the Rev. Finnlater and Pat Reese, Fayetteville reporter and officer in Fayetteville Little Theatre.

The Interfaith Council will present the final session on God and I with the Rev. Finnlater as speaker.

Classes were dismissed during the sessions in order for students to attend.

Robbins Heights Baptist Church will host a Youth Team from Wingate College for special youth services Friday and Saturday night at 8 p.m. and at the morning worship services on Sunday.

The team consists of Donnie Cason from Lancaster, S.C., who is Baptist Student Union president at Wingate; Shelby Coley from Newton, a member of the debate team at Wingate; Jimmy Yow from Midland, a member of Wingate College Choir; Sylvia Tuttle, a sociology major; and Nancy Brewer from Kannapolis, a music major.

The team will be leading special music, worship and fellowships.

The youth of Robbins Heights invite the youth of Raeford to attend these special services.

New Course At Sandhills

A new course designed to acquaint the supervisor with the purposes and uses of time and motion studies will be offered at Sandhills Community College beginning March 9.

The 40-hour course, Work Measurement and Standards Development, will be conducted each Monday and Wednesday evening from 7-9 beginning March 9 and ending May 18.

Don E. Smith, industrial engineer for Pinebluff Products Division of Century Curtain, will instruct.

Areas of discussion will include wage plans, job analysis, method study, motion economy, process analysis, work measurement, predetermined time standards and standards determination.

There is no charge for the course.

Those interested may register for the course prior to March 9 by sending their names, address, employer's name and position to Henry I. Rahn, Jr., Director of Occupational Programs, Sandhills Community College, P.O. Box 1379, Southern Pines, North Carolina, 28387.

...

Houses in Venice, Italy, are numbered not by streets but in numerical order within each of six sestieri, or city districts, National Geographic says. A stranger finds it all but impossible to locate a destination without a guide.