

Course Planned For Farmers

Discussions on a variety of subjects will be presented in the Farm Management Short Course to be held at North Carolina State College from February 5 through 8.

The subjects include the outlook for 1952, farm records, chemical weed control, farm machinery, labor management and supervision, leasing arrangements, production of livestock, control of insects and diseases, and long-range adjustments needed in North Carolina agriculture.

The course is designated for professional farm managers, representatives of banks who handle farm loans, and farmers who desire to learn more about farm management in order to make the farm into a more profitable business unit. It is sponsored by the Society of Farm Managers and Rural Appraisers, the college's Department of Agricultural Economics, and the Division of College Extension.

Persons desiring to attend should submit application as early as possible. The registration fee is \$5. Further information is available from local county agents or from Eugene Starling, Division of College Extension, State College Station, Raleigh.

Several tours will be made during the four-day course.

W. H. Pierce, C. B. Ratchford, M. S. Williams, and H. B. James will serve as chairman for various phases of the program. All discussion will be led by members of the School of Agriculture faculty and staff.

Soil Conservation News

By JOE N. CRAVER and SAM A. JENKINS
Soil Conservation Service

"The glory of Lebanon shall come unto thee, the fir tree, the pine tree, and the box together, to beautify the place of my sanctuary; and I will make the place of my feet glorious." Isaiah 60:13.

Many other passages from the Bible could be quoted that tell how our forests serve us and how we should protect them. Today, more than ever before, civilization is calling on our forests to provide the raw materials for countless products needed in everyday living. Soil and water conservation are linked to the forest in unmistakable terms.

This year, farmers, school children, 4-H club and F. F. A. members will plant approximately 200,000 pine seedlings in Cleveland County. The Cleveland County Agricultural Workers Council has several thousand seedlings which will be given free to the farmer, or others wishing to do reforestation. Beautify your sanctuary by planting an acre to trees. The ugly erosion scars on Mother Earth's face in Cleveland County could certainly use more than 200,000 pine seedlings in its badly neglected and long overdue face lifting.

Prizes totaling \$60.00 will be offered to White high school students of Cleveland County, grades 9 through 12, by F. S. Dedmon, in a speaking contest on "Green Pastures, Their Use and Management." The North Carolina Bankers Association is sponsoring the contest on a state-wide basis. The North Carolina Bankers Association and business men like Mr. Dedmon are extending to the high school students an invitation to assist in attaining a widespread knowledge of proper management of pastures. They recognize that management and use of pasture land are essential to abundant and economic production of livestock in North Carolina and Cleveland County, R. L. Whitesides of New House community, is carrying on a reforestation program on his farm. Last year, Mr. Whitesides planted 10,000 pine seedlings and is planting another 10,000 pines this year and prior to these two years, he had planted several thousand seedlings. He has cooperated with the Broad River Soil Conservation District since 1934.

W. E. Clary and Shafter Putnam of the Mount Sinai community are also planting several acres to trees. Mr. Putnam is planting 1,500 black locusts for future fence posts on his farm. It looks as if a guess of 7,000 cords would not be bad for the number of cords of pulpwood shipped from Cleveland County last year. Yes sir, it looks as if there might be a little money "in them thar woods."

For two straight years, reserve feed stocks in the United States have gone down while livestock numbers have increased.

Basketball Boxes

Games of January 22

Kings Mountain (42)		Cliffside (33)	
Players	Pos.	Players	Pos.
Dieke McTackin, f	4	D. Scruggs, f	4
Charles Painter, f	0	Mathney, f	4
Charles Mauney, f	2	B. Scruggs, f	3
Oliver Harris, f	0	Davis, g	1
Fred Tate, c	0	Ingram, g	0
Bill Ruth, g	1	Fowler, f	0
Jimmy Kimball, g	3		
Johnny Kiser, g	3		
TOTALS	18 4 42 11	TOTALS	12 9 33 14 6

Kings Mountain (55)		Cliffside (71)	
Players	Pos.	Players	Pos.
Shirley Falls, f	14	Betty Greene, f	16
Evlyn Gline, f	1	Betty Forbes, f	3
Gladys Jenkins, f	6	Beth Lell, f	12
Pat Davis, g	1	Fasty Ingram, f	0
Wynne, g	1	Shirley Holteclaw, g	0
Janel Medin, g	3	Shirley Humphrey, g	2
Rachael Jolly, g	4	Gurt Talley, g	4
TOTALS	21 13 55 15 10	TOTALS	31 9 71 18 10

Officials: Scorer Sink; Timer Briggs and Falls.

"B" Boxes

Games of January 17

K. Min. "B" (24)		Shelby "B" (40)	
Players	G FG TP	Players	G FG TP
George, f	0 1 1	Roberts, f	3 1 7
M. Carter, f	0 0 0	Price, f	3 1 7
Stone, f	2 2 4	Haynes, f	2 0 4
Marlowe, f	0 0 0	Dudley, c	3 0 6
Layton, c	0 0 0	M. Carver, c	1 0 2
L. John, g	0 0 0	Kouri, g	0 0 0
Falls, g	3 3 9	Lutz, g	0 0 0
A. Nathan, g	0 0 0	Gibson, g	1 0 2
Carter, g	1 1 3	Patson, g	4 0 2
Briggs, g	2 0 4	W. Ward, g	0 0 0
TOTALS	8 8 24	TOTALS	19 24 40

Technical Officials: Davis, Holteclaw, Sharpe. Officials: Gore, Referee: C. R. Sharpe. Umpire: Scorer Ramsey; Timers Briggs

New Bridge Now Opened To Manteo

MANTEO—Travel to historic Roanoke Island has been eased by the opening of the new bridge across Roanoke Sound between Nags Head and Manteo. The bridge, which took about a year to build, is nine-tenths of a mile long, with a 24-foot concrete floor. It replaces a 24-year-old wooden structure which will be dismantled. Thousands of visitors to the Outer Banks use the route each year to see "The Lost Colony." Paul Green's symphonic drama of the first English settlement in America, and restored Fort Raleigh which guarded the colonists.

Faraday's discovery of obtaining electricity from magnetism was observed through the use of an electroplating machine constructed by Prine and Company in 1844. Electroplating had a twofold effect upon nickel—introduced silverplated ware on a nickel silver base and nickel-plating it.

FORTUNE TELLER

ORIENT

2 3 4 5 6 7

YOU can have fun figuring out your message from the Orient by use of this pleasant little letter puzzle. If the number of letters in your first name is 5 or less, subtract from 7. If more than 5, subtract from 12. Now take this result and find your key letter in the word ORIENT at the top of this puzzle. Then, starting at the upper left corner, check each one of your large key letters as it appears from left to right. Below the key letters is a code message for you.

STATE COLLEGE

ANSWERS

TIMELY FARM QUESTIONS

QUESTION: How can I control lice on cattle and in cattle sheds?
ANSWER: Dr. J. Clark Osborne of State College says the following mixture can be used for control of lice on cows from which no milk is being used for human consumption: 5 per cent DDT powder prepared by mixing one tea-cup of 50 per cent wettable powder with 10 tea-cups of flower of sulfur. Apply dust around head and neck, along back, and between legs. Repeat in two weeks. Cows producing milk for human use should NOT be treated with DDT. A 1-2 per cent strength of Rotenone may be applied as a dust to milking cows to control lice. The dust treatments are recommended for winter use.

Buildings or sheds that are infested with lice, says Dr. Osborne, may be treated by spraying DDT-mixture upon all areas which are suspected of being infested. In warm weather a 2-1-2 per cent DDT spray is recommended for the control of lice.

QUESTION: What is the poultry outlook for 1952?
ANSWER: Higher production costs and slightly lower prices appear to be in store for the poultry industry during the coming year. For this reason, say State College specialists, it will be more important than ever that efficient production practices be used.

Egg prices are expected to be slightly to moderately lower during the first half of the year, but equal to or above those of 1951 during the last half. Broiler prices will average slightly to moderately lower for the first part of the year and perhaps the same as in 1951 for the last half of 1952. Turkey prices will average slightly lower. Poultry feeds probably will cost 10 to 15 per cent more this year, and labor costs will be higher.

Thirty Orange County farmers who grew the Arlington oat variety last season averaged 68 bushels per acre. The average oat yield for the entire county was only 32 bushels per acre.

Because of its rich content of sugar and protein, dairy waste may be a serious source of stream pollution.

Sheep Investments Prove Profitable

If managed properly, a good flock of sheep is one of the most profitable livestock enterprises a North Carolina farmer could have.

This is the opinion of J. S. Buchanan, livestock specialist for the State College Extension Service, who has just concluded an analysis of farm flock records kept in 1951 by 47 sheep producers in 11 counties.

The records show, says Buchanan, that the average net income per breeding ewe was \$29.68.

The flocks included the reports varied in size from six to 85 ewes, with an average of 22 per flock. The 1,026 ewes raised 1,066 lambs for a 103.8 per cent lamb crop.

The ewes averaged 8.6 pounds of wool per head, and the wool sold for an average of \$8.49 per ewe. The gross income per lamb was \$28.89 per head.

The total gross income per ewe was \$37.41 for lambs and wool. The average cost of keeping a ewe for the year was \$7.13 per head, leaving a net income of \$29.68 per ewe.

Buchanan says the records show that where grade or scrub rams were used, the income per ewe was \$9.39 less than in flocks where purebred, registered rams were used. In flocks where the buck lambs were not castrated, the income per ewe was \$4 per head less than in flocks where this practice was followed. Creep feeding lambs was worth \$2.69 more income per ewe.

The importance of minor minerals in crop production is becoming more apparent as more is learned about them.

EXECUTIVE'S NOTICE
Having qualified as executor of the estate of Frances Nair Garrison, deceased, all persons having claims against said estate will please file notice of same with the undersigned on or before January 15, 1952, or this notice will be pleaded in bar of their recovery. All persons indebted to said estate will please make immediate payment.
This the 15th day of January 1952
CAMPBELL PHIFER, Executor
1-17-52

GARDEN TIME

ROBERT SCHMIDT
N. C. STATE COLLEGE

Our garden soils and how we treat them will determine to a large extent how successful our gardening operations will be. Garden soils should be well drained. They should have good underdrainage as well as surface drainage. Deep tillage may help in that respect. Where there is a choice, sandy loam soils should be selected for early spring crops. Sandy soils do not hold moisture as well as heavier soils and therefore warm up earlier in spring. This makes them more desirable for early crops. The heavier soils retain moisture better and are therefore more desirable for late summer crops.

Most of our garden soils do not contain enough organic matter. Organic matter helps to make tight soils more porous and loose, makes sandy soils more retentive of moisture, and adds a considerable amount of fertility when it is broken down by soil bacteria.

Organic matter may be supplied in several ways - by application of stable manure if available by turning under green cover crops, by turning under straw, leaves, garbage, or old sawdust and applying composted materials to the soil. However, it must be kept in mind that in the rotting of these materials in the soil the bacteria will use up large amounts of nitrogen from the soil and may cause a nitrogen deficiency for the crop to be planted with disastrous results.

If this happens, as indicated by yellowing of the leaves and poor growth, quickly available nitrogen must be added in sufficient quantity to correct the deficiency. The nitrogen used by the bacteria in rotting the organic materials will eventually be returned to the soil for use by the crops. The more time allowed for the rotting of organic materials before a crop is planted, the better.

EYES EXAMINED **GLASSES FITTED**

DR. D. M. MORRISON

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Auto Dealers Employ 750,000

WASHINGTON, D. C.—Striking new evidence that it takes more people—about 40,000 new car dealers and their 725,000 employees—to keep new cars flowing to the American family than it takes to manufacture them was revealed today in a study made public by the National Automobile Dealers Association.

The study throws new light on the role of about 40,000 franchised new car dealers engaged in what the survey shows to be "big business", meeting a national payroll of 2½ billion dollars every year.

The dealers' employees, nearly three quarters of a million of them, are needed for the vital work of distributing, maintaining and servicing the new cars after the manufacturer's work is done, the survey shows, emphasizing the position of the new car dealer as a vital link in the national economy.

A report based on the study conducted by the NADA's Public Relations Committee under Chairman J. Eustace Wolfington, of Philadelphia, also brought to light for the first time other outstanding facts about the nation's new car dealers:

The average new car and truck dealer has been in business more than 20 years.

New car dealers contribute more than 47 million dollars a year to religious, educational and charitable organizations in their communities—a sum larger than most important philanthropic foundations can spend.

They are lending 12 million dollars worth of cars annually to high school driver training programs.

Eight out of ten new car dealers are active members of civic clubs, more than half of them served as officers.

Nine out of ten belong to community service organizations (Community Chest boards, Red Cross committees, Boy Scout councils, etc.) half holding office.

Showing unusual interest in community affairs, 34% of the nation's new car dealers hold or have held public office in their communities, counties or states.

Safer Cough Relief

When new drugs or old fail to stop your cough or chest cold—don't delay. Creomulsion contains only safe, helpful, proven ingredients and no narcotics to disturb nature's process. It goes right to the seat of the trouble to aid nature soothe and heal raw, tender, inflamed bronchial membranes. Guaranteed to please you or druggist refunds money. Creomulsion has stood the test of many millions of users.

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NOTE FROM YOUR BUICK DEALER:
Presented here is the story of a great new engine development, as told by the men who did the job. We repeat the story here in its entirety—as we couldn't beat it if we tried.

No, we didn't have to build a new engine. We took Buick's valve-in-head Fireball Engine—which makes the most of high compression. We drew on 12-patient years of Buick carburetion research.

And we came up with more might, more miles, from gas—right out of thin air, in more ways than one.

When you talk about "miles per gallon" you think of fuel, because that's what you buy. But air's free—and for every gallon of gasoline, a busy engine can gulp more than 8,000 gallons of air.

The problem is to deliver air in the right proportions, throughout the full range of speeds at which you drive.

A carburetor—big enough to supply the air needed at full throttle—can be wasteful in stop-and-go driving. A carburetor sized for thrift in city traffic literally smothers your engine when you really give it the gun.

So Buick engineers developed the Airpower carburetor—a four-barrel automatic—and here's how it works.

Loading along, two barrels are working, two stay closed. And you get a low-speed

thrift and smoothness that's out of this world. As you pick up speed, the "stand-bys" come into play—feeding not just more gas, but more air too—so you keep getting maximum power from each drop of fuel.

You have 170 effortless horsepower when you need it—a tremendous reserve ready to go into instant action at the nudge of your toe.

You have the satisfaction of knowing that you get this power with a frugal use of gas. At 40 you use less gas than you formerly used at 30.

That's the story of Airpower carburetion in facts and figures straight from the factory. But statistics can't tell you the breath-taking joy of heading for new horizons in a great-powered new ROADMASTER.

When can you do that? Better come in soon. Lots of other folks are flocking into our showroom these days to see the greatest array of new Buicks we've had in years.

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