

STATE COLLEGE ANSWERS TIMELY FARM QUESTIONS

QUESTION: How do peanuts compare with soybeans and cottonseed as a producer of vegetable oils needed in the war effort?

ANSWER: Measure for measure, the peanut is the heaviest yielding of the principal oil crops, says Dr. E. R. Collins, Extension agronomy leader of N. C. State College. According to the U. S. Department of Agriculture, the average oil yield of the peanut crop over the past five years has been at the rate of 226 pounds to the acre as compared with 167 pounds for soybeans and 72 pounds for cottonseed. However, cottonseed is ordinarily regarded as a by-product of fiber production.

QUESTION: How much silage should be fed to a dairy cow each day?

ANSWER: John A. Arey, Extension dairy specialist of N. C. State College, says that cows will consume about 3 pounds of silage per day for each 100 pounds of live weight. Or to state it another way, a 1,000-pound cow will eat about 300 pounds of silage during the day. Silage should be fed liberally during the winter months. Many good feeders mix their grain ration in the manger with the silage.

QUESTION: Are barley, wheat and rye good feeds for workstock?

ANSWER: Oats and corn are the standard rations for horses and mules, according to L. I. Case, Extension animal husbandman of N. C. State College, but he says that barley, wheat and rye can be fed to workstock if the grain is crushed and ground. Wheat and rye should be fed in limited amounts, he said, and they should be mixed with other feeds to prevent digestive disturbances. Cottonseed meal is often used as a protein supplement, but a safe rule is not to feed more than one pound of cottonseed meal per 1,000 pounds liveweight of the horse or mule.

Home Canning Is Best Answer To Food Crisis

"If North Carolinians want to eat in 1943," says Dean I. O. Schaub, director of the State College Extension Service, "it is imperative for farm and urban families who have the land to grow a garden and practice home canning next year." He said that approximately one-half of the estimated 1943 commercial pack of canned vegetables, fruits, and juices has been reserved for the Government.

A recent War Production Board order specifies that all of the commercially canned carrots, blueberries, figs, and blended orange and grapefruit juice must be reserved for the armed forces and lend-lease shipments.

In addition, said Schaub, the Government will need 84 percent of all the beets, 71 percent of the tomato puree and fruit cocktail, 70 percent of the cherries and pineapple, 63 percent of the peaches and apples, 61 percent of the tomato catsup, 58 percent of the snap beans, 56 percent of the lima beans, 49 percent of the tomatoes, 48 percent of the spinach and peas, and 42 percent of the

sweet corn canned by commercial packers.

"Few of us realize what these restrictions will mean," the Extension leader declared. "Unfortunately, a large percentage of our tobacco farmers have in the past relied on cash from their leaf crop to pay for canned fruits and vegetables from the grocery store shelves. These canned goods will not be available in 1943, at least not in sufficient quantities."

"All of us must, therefore, set aside part of our land for a Victory Garden and then make arrangements to can the surplus. We should start now to prepare the soil for the home garden, and lay in equipment for the food conservation job."

What You Buy With WAR BONDS

The ordinary machine gun is too cumbersome for our Marines, especially for parachute troops. So the Marines have adopted new models of the Reising sub-machine gun, a .45-caliber weapon.



The new gun used by the paratroops is a compact model with a pistol grip and a steel-frame stock which folds out of the way when not in use. You can help buy these for our Boys in the Solomons and elsewhere with your purchase of War Bonds. Join the Payroll Savings Plan and let's "Top that ten percent."

WORKERS

The number of persons employed on farms December 1 was 3,551,000, including 7,272,000 family workers and 2,279,000 hired hands, according to the U. S. Department of Agriculture.

Widow's weeds exposed to continued sunshine soon disappear.

What You Buy With WAR BONDS

The 50-caliber Browning machine gun is one of the most efficient short range weapons used by U. S. Fighting forces. It is effective at ranges up to 2,000 yards and fires about 600 forty-five caliber bullets per minute.



One of these guns costs about \$1,500, while a thirty-caliber machine gun costs approximately \$600. Our fighting forces need thousands of these rapid-fire guns. Even a small town or community can buy many of them by uniting in the purchase of War Bonds. At least ten percent of your income in War Bonds every pay day will do the trick.



Betsy

The little girl tugged gently at her mother's sleeve. "Now, Mother?" she asked. "Now can't we write my letter?" "Why, of course, Betsy," Mrs. Carson grinned. "Are you going to write it or am I?"

"Well," Betsy said. "Maybe you'd better kind of say it to me. Only I'd love to write it."

"All right, then, Miss Carson, take a letter," her mother said, walking slowly up and down the room. "Ready? Dear Mr. Morgenthau: The way I save money for War Stamp buying is to steer all the jobs toward my daughter, who is eight years old. She is so keen about buying War Stamps that I know all the money I might have paid to someone else for doing the job will go toward Victory when paid to her."

"Now make a list, Betsy. Windows washed, 60 cents. Apples picked from under the tree, 35 cents. Emptied trash cans, 4 cents. Sold string beans from the garden, 15 cents. Sold strips of spotted film to children for sunbathing, at one cent a yard, 30 cents. Total \$1.24. Yours helpfully, I hope, and then I'll sign it at the bottom."

Betsy was puffing like a grampus from her labors. The tall, painstaking letters tottered bravely across the sheet of paper. Gravely Mrs. Carson took the pen to sign.

"Mother, would it be the proper etiquette if I signed it too?" "Perfectly proper, I think," Mrs. Carson said without a smile, and handed the pen back to Betsy.

(Letter from an actual communication in the files of the Treasury Department.)

Every member of the family should invest in America's future. Make certain at least 10 percent of the family's total income is pledged to Victory no later than New Year's Day.

U. S. Treasury Department

Andy Gump says—



"OH, MIN!—We're going to buy more War Bonds. Like everyone else we're going to top that 10% by New Year's."

Lil' Abner says—



Gawd! There ain't much time 'fore New Year's—and we gotta sign up for War Bonds with 10% of our pay by this time!

1942 Was Banner Year In Dairy Production

Despite many difficulties, 1942 was a banner dairy year in North Carolina, says John A. Arey, Extension dairyman of N. C. State College. Production was high but costs were great and labor problems were many.

As for the future, Arey said: "Milk is an essential war food. It is the greatest builder of body resistance to disease of all foods. The need for it in this State during 1943 will be greater than in 1942. The supply, on the other hand, will be governed by the price received for it by the farmer. An unfavorable price will make it impossible for him to pay present high prices for labor and feed. Without a supply of both, milk production will drop."

The Extension man said that scores of dairymen had either a large or complete turnover in labor during 1942. Much of the new labor, when any could be secured, has been high priced, green and inefficient. "This condition, said Arey, "together with the ceiling price on milk, has in some instances eliminated all profit from the dairy business and resulted in the disposal of a number of herds."

Yet, interest in dairy farming was at a peak in North Carolina during the last 12 months. During August, the top month in milk production, dairy processing plants in the State received 11,967,970 pounds of milk. This is 1,836,930 pounds more than the 1941 August receipts and is the largest on record.

Arey said that the annual cattle sales fostered by the State Ayrshire, Guernsey and Jersey breeding associations in 1942 were top. Through these sales 561 purebred animals, many of them buffers, were sold for a total of \$72,501.75. As least 680 cows, most of which were Holsteins, were purchased from within the State by local dairymen.

WINNING the WAR Begins on the farm

IT'S TRUE . . .

that no planes roar down upon your home . . . no shells plow your fields . . . no armies trample your crops and fields. Yet in this war, victory begins on your farm—by producing more Food for Freedom—and by saving more in War Bonds and Stamps.

Here indeed is an opportunity every American will welcome. For by saving your money, you help save for yourself as well as your country. What's more, your money invested in War Bonds helps keep down the prices of the things you buy, helps make the money you spend go further—now. By putting your money into War Bonds and keeping it up regularly, month after month, you will be sure of having the money when you can use it best. And if you need the money, you can get it back any time after 60 days from issue date of the Bond.

Don't delay—your "fighting dollars" are needed now.

Make Every Market Day "Bond Day"—Invest At Least 10%.

NOTE—Now You Can Buy War Bonds Through Your Rural Postman!

BUY U.S. WAR Bonds * Stamps

This space is a contribution to America's All-Out War program by . . .

PUNCHES CLOCK AGAIN... FOR BOY IN JAP PRISON

Oscar used to be a first-class machinist. Five years ago he retired to live out the rest of his life on a pension.

The other morning he showed up again at his old plant, which now makes war equipment, and asked for his old job back. When payday came, he signed up with the Payroll Savings Plan to put 20% of his pay in War Bonds.

Seems Oscar's boy was on Bataan.

The Most You Can Save Is the Least You Can

With people like Oscar making real sacrifices to help win the war, is it too much for you to put aside as little as 10% of your pay for War Bonds? Sign up for at least 10% at your place of business today!

Retired machinist back in harness puts 20% in War Bonds

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THE HOME FRONT

(Continued from page 1)

one of our major problems in 1943. The War Manpower Commission expects that some 7,900,000 persons will be employed in year-round farm work, and additional millions will be needed seasonally in the various agricultural areas. In December, 1942, farm hired labor showed a decided drop over the same time two years ago. A large part of the loss was due to enlistment in the armed forces, the rest to the attractions offered by war industries. The deficit in farm labor must be met by keeping labor on farms and by enlisting the services of an army of volunteers throughout the country to help harvest the 1943 crop.

Additional labor, too, is needed to meet our lumber production goal of 1943, set at 82 billion board feet. While our civilian lumber require-

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This Newspaper	1 Yr.
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WALSTONBURG NEWS

Mrs. G. W. Eldridge of Buckingham, Va., has returned to her home after a week's visit with her sister, Mrs. L. H. Goin.

Mrs. E. F. Brooks has returned home from Sioux Falls, South Dakota, where she spent the last few months with her husband who is in the Air Force.

Friends will regret to learn that Mrs. Henry Wheeler isn't improving so rapidly after a recent operation.

Mrs. Carter Smith and mother, Mrs. J. W. Redick of Fountain spent Sunday with friends and relatives near town.

Mr. and Mrs. F. L. Eagles and son, Guy, and Miss Carol Yelverton were dinner guests of Mrs. W. E. Lang, Sunday.

Mr. and Mrs. Roland Fields and Johnnie, of Morehead City, spent the week end in and near town.

Mrs. W. E. Lang and son, Trust, spent Christmas Day in Wilson, the guests of Mr. and Mrs. Bob Lang.

Mrs. Bob Allred, of Randleman, spent the holidays with her grand parents, Mr. and Mrs. Rufus Diddy. Mrs. Allred was formerly Miss Bernice Harvison.

Mrs. J. H. Goin visited relatives here Christmas Day.

Mrs. Buck Winstead of Elm City spent a few days last week with her mother near town.

Mrs. Melvin Perry of Cochrane is spending the week with her mother, Mrs. H. C. Burch.

Mrs. Estelle Bailey and daughters, Cornelia and Evelyn Holt, of Durham, spent the holidays visiting friends and relatives here.

Little Frances Lang of Wilson is spending a few days with her grandmother.

Walter Ellis is in the Veterans Hospital in Fayetteville for treatment.

Mr. and Mrs. Earl Lang and daughter spent Christmas in Windsor.

Mrs. Nita Shackelford spent the holidays in Norfolk.

Mrs. Pearl Johnston has returned home after spending the holidays with her sister, Mrs. Ray West, Sr.

Mr. and Mrs. Charles Floyd and Eldred of Roper spent Christmas Mr. and Mrs. H. C. Burch.

Mr. and Mrs. Ray West, Sr., were dinner guests of Friends in Tarboro, Tuesday evening.

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