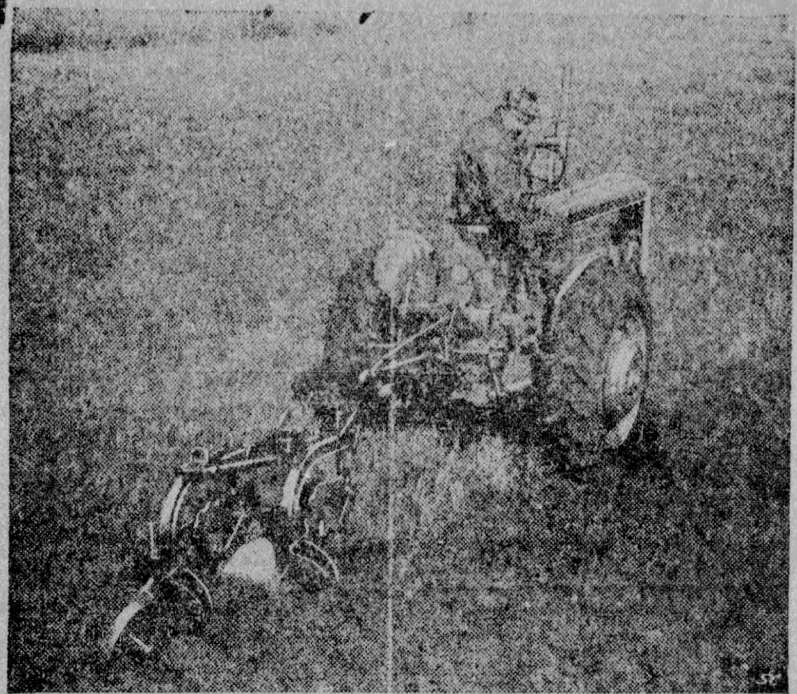
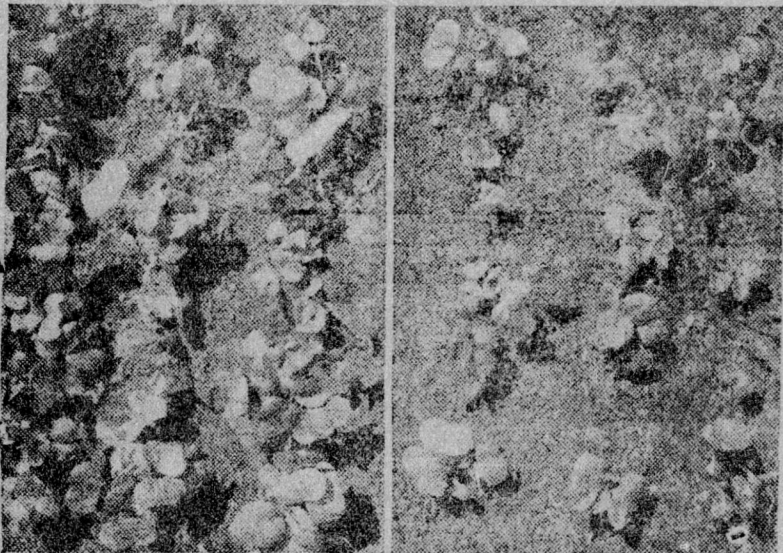


HANDY ROTATING ASSEMBLY OF HOOKS for use in barn can be made from old cultivator wheel with rim removed and spokes bent upward. Wheel is pivoted to a ceiling joist with a long lag screw.



Damage to plows by stumps and stones is pretty well prevented with a new Break-Away plow developed by engineers of the J. I. Case Co. Because tractor-mounted plows are poorly suited to ordinary release hitches, the Break-Away plow itself separates when it strikes stump or stone, leaving its fore-frame still mounted on Eagle Hitch of the Case tractor. It is automatically recoupled by backing the tractor.

For a BETTER COTTON CROP



SEED TREATMENT MEANS— BETTER STANDS, HEALTHIER PLANTS

In the flat on the left above are cotton seedlings from treated seed. Seed from the same source was planted in the same type soil without treatment in the flat on the right. Results such as this are frequently encountered in the numerous experiments on cottonseed treatment conducted by the Experiment Station.

Similar results are found to occur under practical farm conditions as is shown by a 4-year summary of cottonseed treatment demonstrations conducted by the Extension Service. Results from a total of 261 demonstrations conducted over the 4-year period showed that an average of 431 plants per 100 feet of row emerged from treated seed while untreated seed only produced an average of 305 seedlings per 100 feet of row. This means that treated seed produced over 41 per cent more seedlings than did untreated seed. Three times as many plants were killed by sore shin in untreated as in treated rows and 76% more of the living seedlings had disease in untreated rows than in treated rows. At picking time there was an average of 134 plants per 100 feet of row from treated seed and only 101 per 100 feet of row in untreated rows. Better stands mean higher yields.

Later work by the Experiment Station shows that where cotton seed of good germination is properly treated farmers may safely reduce their seeding rate and even avoid thinning.

Consult your County Agent for seed treatment recommendations.

YOUR brain budget

- Members of which group have only two legs: (a) covey, (b) dove, (c) swarm?
- The Magna Charta makes one think of which name: (a) George, (b) Henry, (c) John?
- Which of these takes place on the seas: (a) mutiny, (b) anarchy, (c) insurrection?
- Which table item comes from a Duro-Jersey: (a) eggs, (b) pork, (c) milk?
- The term "ripard" is suggestive of which occupation: (a) aviation, (b) sewing, (c) sailing?

ANSWERS
1. (a) covey
2. (a) George
3. (a) mutiny
4. (a) eggs
5. (a) aviation

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GARDEN TIME
ROBERT SCHMIDT
N.C. STATE COLLEGE

CENTURY CAKE

Vegetables are generally grouped or classified in one of three ways: 1—according to botanical families, such as the lily family which includes onions, garlic, leek and chives.

2—according to the plant used for food such as beets, acrota and plants which are root crops.

3—according to the vegetable's ability to withstand low temperature.

This last grouping is probably of greatest importance to the average gardener because it concerns the survival and success of his crops. According to their ability to withstand low temperatures, vegetables are classified as hardy, half hardy and tender.

The hardy vegetables are those that will be damaged by moderate to hard frost after they have been planted. This group includes turnips, spinach, garden peas, mustard, radishes, lettuce, cabbage, kale, onions and endive.

The half-hardy vegetables are those which thrive in cool weather but are often severely damaged by moderate frosts or even light frosts after they are up. This group includes beets, chard, carrots, cauliflower, broccoli and celery.

The tender vegetables are those that will not withstand any frost and will not grow at their best

CHICAGO—Towering twenty-foot tall and aglitter with 101 candles (there's one on top to grow on), this giant cake rises to the occasion of Marshall Field & Company's one-hundredth birthday. Since its founder first declared, "Give the lady what she wants," the Chicago store has grown with this city, the Midwest and the nation. Now visitors from all over the world gather around the "century cake at Field's to help celebra-



DETROIT, MICH.—Blazing torches slash into outmoded machinery in former powerhouse of Chrysler Corporation's Dodge Main plant here to bolster vital U. S. defense supplies of scrap metal. The 41-year-old landmark, now replaced by newer powerhouse with larger capacity, will add more than 1,600,000 pounds of iron and steel to scrap bins when completely dismantled. Chrysler Corporation's special drive to find extra scrap so far has netted more than 9,500,000 pounds of dormant iron and steel.

The SNAPSHOT GUILD



A mother won the \$1500 grand prize in the Newspaper National Snapshot Awards with this picture.

Mothers Star as Child Photographers

IN THE picture with today's column we have proof of something I've been saying for a long time—that mothers are tops when it comes to taking pictures of children.

In addition to the fact that a woman won the top prize for the second time in the 13-year history of the competition, more women had pictures in the final judging than ever before. Twenty-one percent of the pictures were made by women.

And what were their favorite and most successful subjects—children, of course. That isn't difficult to understand when you consider how well acquainted they are with their subjects—how well they know when they can reasonably expect the highest degree of cooperation.

I'm bringing all this up once more in the hope that more mothers will realize their snapshot potentialities and take advantage of their opportunities to make a picture record of their children.

—John van Guilder

STATE COLLEGE ANSWERS
TIMELY FARM QUESTIONS

QUESTION: Where is the new peanut research farm located?
ANSWER: It is the Old Lewis farm at Lewiston, in Bertie County. The farm contains 386 acres in the heart of the Roanoke-Cowan peanut producing area.

QUESTION: How many horses and mules are there on North Carolina farms? How many tractors?
ANSWER: In 1950 there were 355,077 horses and mules and 73,524 tractors on Tar Heel farms. In 1930 the number of workstock was more than 380,000 and the number of tractors was 11,423. Another indication of the trend toward mechanization is shown by the fact that the number of combines on farms in the State has increased from 3,904 in 1943 to 13,252 in 1950.

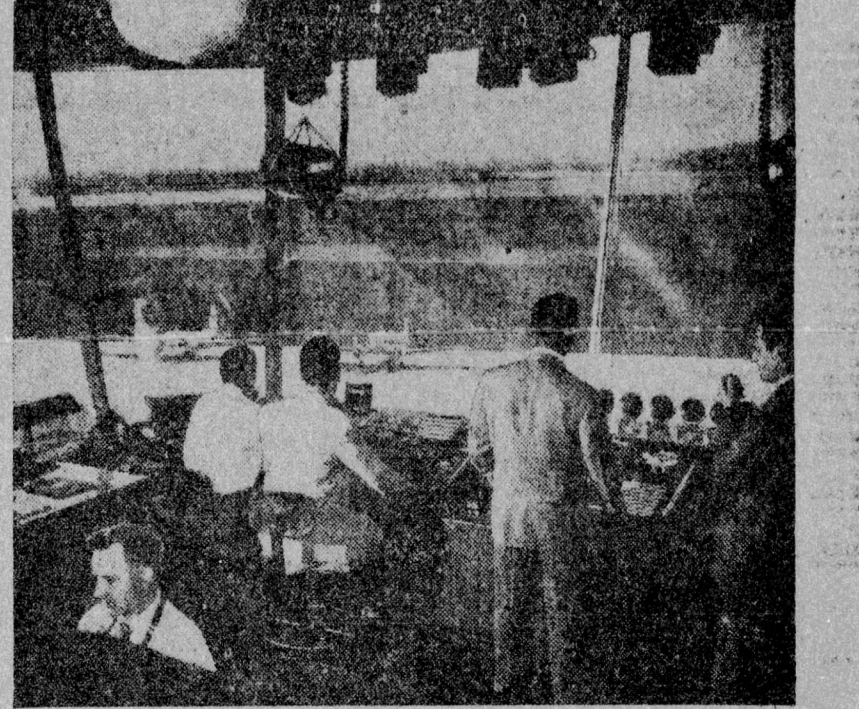
QUESTION: What practices should I follow in 1952 to make good yields of cotton per acre?
ANSWER: Research and farmer

experience have shown that there are seven practices that a farmer must follow to make good cotton yields. They are: plant recommended seed; lime and fertilize as needed; distribute fertilizer properly; mechanize planting and cultivation; apply sidedressing according to needs; follow complete insect control program; and sell cotton on grade and staple value. These seven practices are explained in detail in Extension Circular No. 345, "Seven Steps to Efficient Cotton Production." A copy may be obtained free from your county agent or by writing the Publications Department, N. C. State College Raleigh.



RECEIVES AIR FORCE MEDAL — Private G. A. Moore of New Bern, N. C., and a graduate of the North Carolina College at Durham with a major in business administration, recently received the American Spirit Honor Medal. Col. James R. Patterson, Pvt. Moore's commanding officer is shown here presenting the medal.

New Glass Reduces Heat And Glare



A heat-absorbing, glare-reducing glass used in airport control towers and other applications where extreme heat and glare have been a problem is now being mass-produced by the Pittsburgh Plate Glass Co. Named Solux, the glass will appear in 1952 automobiles and public buildings. It absorbs a large amount of the sun's ultraviolet and infrared rays, reducing interior temperatures from 10 to 20 degrees and preventing fading and deterioration of fabrics.

THE AMERICAN WAY



Stewing In His Own Juice

BREEZY
by TAPPELOVIN

CONTINENTAL FEATURES

WE CAN DO ALMOST ANYTHING! IT'S JUST A CASE OF MIND OVER MATTER!!

HEY, BREEZY!! WOTCHA DOIN'?

SKATING! CAN'T YOU SEE?

SO WHAT? IMPOSSIBLE! YOU CAN'T BE IT'S SPRING—NO ICE!

DOGGONIT!! WHY DON'T YOU TEND TO YOUR OWN BUSINESS? I HAD THAT MIND-OVER-MATTER IDEA WORKING PERFECTLY!