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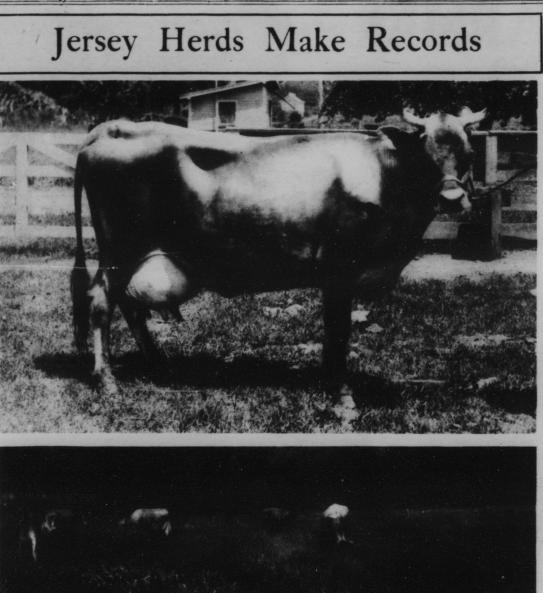
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#### THE STATE FARMER SECTION



Among North Carolina's outstanding Jersey herds is that of Miss Helen Gottfried, Tryon. Her herd of five cows last year, from the time they were two until they were three years old, averaged 436.84 pounds of butterfat, 7,793 pounds of milk for a year of testing. All of the cows were sired by the Silver Medal bull, Sybil's Jubilant Gamboge. The herd is now on test for the second year. Pictured above is Eminent's Happy Girl, owned by the Mountain Branch Experiment Station at Swannanoa. She produced 498.12 pounds of butterfat and 10,926 pounds of milk in 305 days to become the State Champion, Class AAA senior three-year-old a few years ago. In the lower picture is Miss Gottfried's prize herd.





# WORK CALENDAR FOR MAY

1. Run a harrow or weeder over cotton. This will help young seedlings push through the soil crust and will also kill young grass and weeds, thus reducing hoeing later.

2. Chop cotton as soon as safe, but be careful about chopping during cold weather or while plants are dying. Leave two or three plants in each hill a hoe's width apart.

3. Plant peanuts now, using at least two seed to each hill of the larger varieties. Have the hills 10 to 12 inches apart.

4. Dip tobacco plants in a solution composed of one pound of arsenate of lead to 50 gallons of water before setting. Put this solution in two tubs and dip the tops of the plants in one and the roots in another. Dipping will help considerably in preventing young plants from being destroyed by flea bugs and will also help control cutworms.

5. *Plant in the garden* sweet corn, sweet potatoes, pole beans, tomatoes, and late peas.

6. Cut barley, oats, rye and wheat harvested for hay just as soon as they

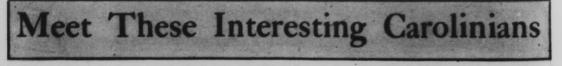
come into head. Remember the longer they stand after the heads appear, the less valuable they will be for feed.

7. Plant Sudan grass for summer grazing. Sow 25 to 30 pounds of seed per acre and cover to a depth of one inch. It is usually advisable to apply about 400 pounds of high grade fertilizer or 150 to 200 pounds of nitrate of soda at seeding time.

8. Spray canteloupes when they begin to run, using the standard bordeaux mixture. Repeat the spraying after each rain until two or three applications are made.

9. Examine birds and chicken houses carefully for insects. A pinch of sodium flouride placed where the lice are found —usually under the wing, on the back, and up the neck of the bird—will give good results, or, the birds may be dipped in a solution containing one ounce of sodium flouride to each gallon of water.

**10.** Put fences in order and see that plenty of fresh water is available before putting livestock on the permanent pastures for steady summer grazing.



# An Inspiration

"He's an inspiration to any person who farms or is interested in farming," says Frank Jeter, extension editor at I came back to the farm determined to get the most out of life and as far as possible put a little science into the farming business."

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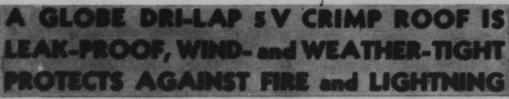
GLOBE DRI-LAP has exclusive, patented improvements that make a scientific leak-proof roof; that provide for extra nailing and tight contact between the sheets at the laps. The result—a roof that is both wind- and weather-tight.

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Mr. Moss is a great believer in lespedeza, which has made so many rundown farms fertile. He devotes 125 acres of his farm to lespedeza, although he'll tell you he only needs about 25 acres to furnish his Percheron horses, Guernsey cattle and Berkshire hogs all they can consume with plenty left over for bedding.

Mr. Moss owns "Quaker," a fouryear-old, 1,800-pound, Percheron stallion, grandson of "Dragon," great show stallion that won first at the Chicago International. Six beautiful Percheron mares, granddaughters of "Carnot," \$40,000 undefeated Percheron stallion, roam the Moss pastures when not busy with regular farm work. Each produces a fine Percheron colt annually to add to the Moss livestock family.

## Scientific Farmer

Dudley Bagley was one farm boy who didn't want to be a farmer. He studied Mechanical Engineering at the University of Virginia, but just as his degree was in sight the doctor ordered him back to the farm for his health.

"At that time," he'll tell you, "that was the greatest defeat in my life. But He succeeded.

Today he is well-known as a commercial seed breeder. On his farm near Moyock, N. C., he selects and breeds vegetable and field seeds under contract, trying always to get something better. His work requires scientific knowledge and patience. "Sometimes I work five years only to find my work has been in vain—then I start all over again," he said.

A little over a year ago Mr. Bagley was drafted away from his farm to direct the North Carolina Rural Electrification Program. His wife carries on the seed breeding work, with what assistance he can give her. People who know him well say he yearns to be back on his 183-acre farm.

# 4-H Boy

Robert Braxton Flye, Battleboro, N. C., is young in years, but is proving he has what it takes to be a good farmer. An ardent 4-H Club member, last year he took tobacco as his project and won first prize at the Coastal Plain Fair at Tarboro.

He kept careful records on his 1 1-4 acres of tobacco; at the end of the year his books showed: gross income, \$248.15; expenses, \$59.55; net profit, \$188.60.