

10 Points Given For Handling Beef Cattle

L. I. Case, Extension animal husbandman of N. C. State College, says there are 10 fundamental points in beef cattle production. He lists them as follows:

1. Beef cattle cannot be produced economically without utilizing pastures to the maximum.
2. Make use of the less saleable roughage as much as possible, especially with the breeding herd during the winter months.
3. Use a purebred bull, preferably a proven sire. Not only should the bull be a good individual,

ual, but he should be of good ancestry.

4. Provide a balanced ration, including proteins, necessary minerals, and vitamins.
5. Do not construct or maintain costly quarters for beef cattle. Overhead cost must be kept low.
6. Keep animals free from parasites, both internal and external. Feeding parasites is always too expensive.
7. Make an effort to secure a high percentage of calves. The main causes for the low percentage of calf crops are contagious abortion, and lack of attention at breeding and calving time.
8. Conserve the manure. Since the maintenance of soil fertility is a much greater problem than can be satisfactorily met by the use of commercial fertilizers, the proper conservation of manure is an important consideration.
9. Have pigs to follow fattening cattle. One pig to two or three steers will add profit to the enterprise.
10. Guard against disease, especially Bang's disease and tuberculosis.

Conscript



This week the first group of conscripts will be mobilized. A private displays the clothing and equipment conscripts will receive. He carries all these in the field.

sion has many advantages over the P. D. B. method.

QUESTION: What varieties of strawberry plants are recommended for a home garden?

ANSWER: For Eastern North Carolina, H. R. Niswonger, Extension horticulturist, recommends the Blakemore, Massey and Fairmore. For Western North Carolina he suggests the Premier, Fairfax, Massey or Fairmore. Not less than 10 plants and not more than 300 plants are desirable for a home planting. The strawberry plants may be set in January or February in Eastern Carolina, and in March or April and after periods of soil freezing and thawing have passed in Western Carolina.

QUESTION: How should stomach worms in dairy calves be controlled?

ANSWER: John A. Arey, Extension dairyman, says that poorly drained pastures is the chief cause of the infestation of calves with stomach worms in the fall and early winter. Salt acts as a preventive and should be accessible to the calves at all times. Medical treatment consists of drenching the infested animals with a solution of copper sulphate made up by dissolving one-fourth pound of clear blue crystals of copper sulphate in one pint of boiling water, and then add cold water to make three gallons of the solution. Calves should have 3 to 4 fluid ounces at a dose.

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FARM QUESTIONS ANSWERED

QUESTION: What is a good control for peach tree borers?

ANSWER: J. O. Rowell, Extension entomologist of State College, says that the ethylene dichloride emulsion is especially advantageous at this season of the year. It can be applied in the late fall, or even in the winter. It is well, however, to use the treatment in November when the larvae are still small and easily killed. Ethylene dichloride emul-

Supply, War Called Major Cotton Factors

Cotton farmers, who will vote December 7 on a marketing quota for their 1941 crop, should give serious consideration to the European War and its effect on cotton, declares E. Y. Floyd, AAA executive officer of N. C. State College. Quotas will be in effect if approved by two-thirds of the farmers voting in the Nation.

"Regardless of the outcome of the war," Floyd said, "cotton farmers face difficulties ahead. If Germany and her allies win, the United States may be faced with unfavorable trade policies and economic blockades. If Great Britain wins, it will be extremely difficult to carry on normal trade in the markets of the world because a great part of the world's resources and purchasing power will have been dissipated."

Already the war has caused a severe reduction in cotton exports. During the first three months of the 1940-41 marketing season, the United States sold less than 300,000 bales of cotton abroad as compared with about 1,750,000 bales during the same period last year.

Domestic consumption of cotton, Floyd stated, continues at a high level. Estimates are that about eight million bales, a new record for domestic consumption, will be used in this country in the 1940-41 season. "However," Floyd warned, "loss in exports will more than offset the prospective gain in domestic consumption."

"Clearly," he continued, "cotton farmers must use every provision of their farm program to meet this situation. They must work together to keep supply in line with demand. Only in this way can they hope eventually to solve the problems affecting cotton which have been further aggravated by the war. Considering the situation which confronts cotton farmers, they have need for marketing quotas in 1941 more than ever before."

TO CHARLOTTE

The Cotton Stamp Plan, designed to remove cotton surpluses from the market, has been extended to Charlotte and Mecklenburg County, announces the U. S. Department of Agriculture.

HOLLY

Oregon Experiment Station workers have found that defoliation of holly sprays and wreaths during shipment at Christmas time may be prevented by dipping the holly in a naphthalene-acetic acid.

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