Stresses Grain-Saving

Animal Husbandry specialists of the State College Extension Service have come up with a plan to save cause of higher proportion of the more than five tons of grain per car load of beef cattle.

Here's the way to do it-Limit the amount of grain feed to god yearling steers to two-thirds of full feeding. The result - satisfactory beer carcasses and a saving of more than 500 pounds of grain per animal!

The experiments that showed the possibilities of such savings provi-ded data on feed requirements of cat tle of various ages and their subsequent fattening form arket. Normalmal develops from a calf into a two grain and medium-grade legume about the head and neck, shoulders year old it requires increasing a. hay as the roughage, together with breast, fyang or back.

greater maintenance réquirements ter. of the heavier animal, and partly be grain increment is in the form of

immature animals. In this process feeds are increased. the grade of carcass while not so high, weight for weight, as in heavy feeding is still very satisfactory to most consumers. Nsually, the limita tion of concentrate is made up by quent fattening form arket. Normally there are wide difference in the production of cattle on twoneeds for concentrate feeds in the thirds the full level of grain fed, idence sof the disease are rounded fatening of beef cattle. As an anithe investigators used barley as the scaly patches on the skin, chiefly

mounts of concentrates for equal a protein concentrate. This diet gains. This is partly because of the yielded top Good or low Choice cargreater efficiency of a young animal casses from steers weighing from in using feed, partly because of te 900 to 1000 pounds at timeof slaugh-

An adequate feed supply is primary importance in the profitable production of beef cattle. Farm-Limitation of grain in the ration ers going into the business should slows down somewhat the rate of limit their numbers at the start and fat formation and permits the build- increase their herds as experince is ing up of more lean tissue in more gained and as pastures and other

> Ring worm is a contagious disease of cattle which may be trans-

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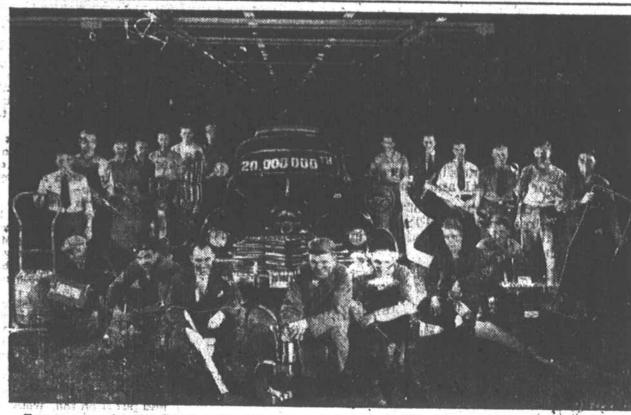
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representative of the myriad trades contributing to production of a motor vehicle, pose at Flint, Mich., with a "milestone model"—the 20,000,000th unit produced by Chevrolet in its 35-year history. From the engineer with

Almost Every Farm Harbors Some Rats

Practically every farm in North Carolina harbors at least a few rats. says Director I. O. Schaub of the State College Extension Service, and he points out that rats with plenty to eat are hard to trap or poison.

Thousands of bushels of grain de stroyed by rats each is not the only damage these pests cause. They are carriers of Bubonic plague, typhus, and other deadly diseases.

Rats never take vacations. They may raise 6 or more litters per year with from 6 to 22 in each litter. Ignoring the death rate, the offsprings from one pair of rats could exceed 350,000,000 in 3 years.

The population can be quickly re duced, however, by using improved modern control methods, and now is the time to put those control methods into effect.

Rats cannot be eliminated if they have places to hide. Piles of rubbish stacks of lumber or other material, and wooden flors close to the ground are favorite hiding places forrats. Many farms have several such hiding places close to granariies or other food supplies. Such a combination is a perfect "rat hotel."

Do not let your farm become a "rat hotel". Remove rat shelters (rubbishpiles), especially those near buildings. Pile lumber and other ma terial on racks at least a foot above the ground. Replace wooden feeding floors with concrete, wherever possi ble. Otherwise, raise them a foot or more above the ground, or prevent rats burrowing under them by surrounding with an underground barrier of concrete, sheet metal, or hard

Director Schaub urges every North Carolina resident to join in the state-wide rat control campaign which is scheduled to be held the first week in December. In cooperation with the Predator and Rodent Control Division of the U.S. Departs ment of Interior Fish and Wildlife Service, the Extension Service will sponsor the program in the rural area, while the State Board of Health supervises the work in urban cen-

Farmers Receiving High Price For Milk

Tar Heel tarmers are now receiving the highest cash income from na show butter production at 1,561,milk in the history of the State, and 000 pounds, American whole milk 1947 returns are expected to exceed cheese at 1,142,000 pounds and ice by a substantial amount, the 1946 record-breaking total of \$29,574,000, says J. A. Arey, in charge of Dairying for the State College Extension

milk industry to the State's Econo- ers a high quality product at the my is further evidenced by the new lowest possible cost. peak value of \$39,856,000 set on North Carolina's 361,000 milk cows which produced a total of 693,000,000 quarts of milk in 1946. Annual milk is a beter food bargain today than

Expanded utilization of North Car Mr. Arey said.

olina milk as fluid milk for drinking and cooking has increased the overall value of the State's milk out put as farmers heceive their highest price form ilk used in this form. Iatest annual figures for North Carolicream at 16,364,000 gallons.

Milk and its many products supply the essentials of god nutrition at low cost. The dairy industry is The growing importance of the constantly striving to give consum-

According to latest statistics, milk production per cow averaged 1,921 ever before, showing only about quarts.

CONGRATULATIONS

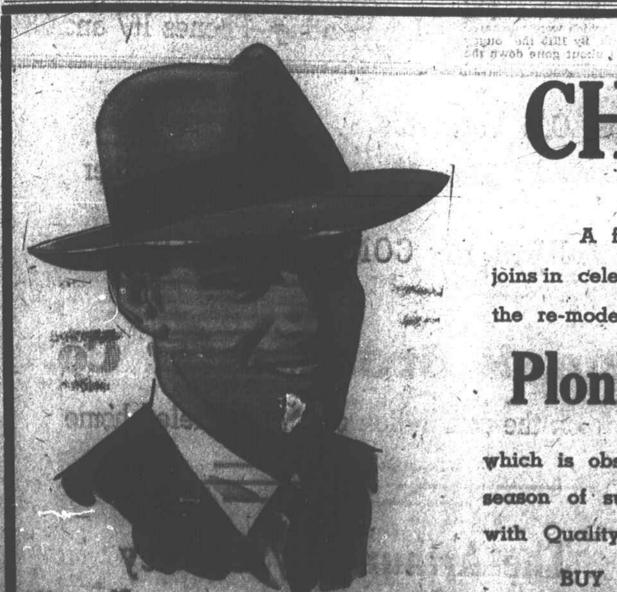
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