

As in the preceding year the steers had become accustomed to silage and were eating 45 pounds each daily at the beginning of the experiment. On November 4 this was increased to 50 pounds. They had become accustomed to cottonseed meal also and were eating 1.4 pounds per head. The first day's ration of corn was 3 pounds per steer. As the corn and cottonseed meal were increased the amount of silage eaten fluctuated slightly but did not begin to decrease materially until December 9, on which date each steer was eating 11.4 pounds of corn and 2.8 pounds of cottonseed meal. From January 20 to the end of the experiment the steers in Lot 6 ate approximately 20 pounds of silage per head daily. From February 3 to the end of the experiment the steers in Lot 6 were given slightly more cottonseed meal than were the steers in Lot 5. This was not done in the first experiment.

After the substitution of clover hay in Lot 5 it was planned to keep both lots consuming the same amounts of shelled corn, but much difficulty was experienced in keeping Lot 6 up to the standard set by Lot 5, so that from time to time the corn fed to Lot 6 had to be reduced in amount.

On February 15 an attempt was made to increase the corn to 20 pounds per head daily, but the steers in neither lot would consume this amount, so that the practical maximum of corn fed at any time was 18 pounds.

After the steers had become accustomed to cottonseed meal it was increased gradually so that it was fed at the rate of slightly over 2.5 pounds per 1,000 pounds of live weight.

The steers ate very little straw, tho at times they would pick some out of their fresh bedding. No straw was fed to Lot 5 while clover hay was being fed.

The amount of feed consumed per hundred pounds of gain is shown in Table IX.