

**TABLE IX.**  
 Amounts of Feed Consumed Per Hundred Pounds Gain, November 3, 1922, to March 5, 1923, Inclusive (123 days).

	Lot 5 Shelled Corn Cottonseed Meal Corn Silage Clover Hay Straw	Lot 6 Shelled Corn Cottonseed Meal Corn Silage Straw
Feed per cwt. gain—		
Shelled corn .....	593.17 lbs.	633.03 lbs.
Cottonseed meal .....	113.59 lbs.	126.12 lbs.
Corn silage .....	968.73 lbs.	1,515.00 lbs.
Clover hay .....	251.05 lbs.	
Straw .....	22.27 lbs.	36.88 lbs.

Lot 5 gained more than Lot 6. Lot 5 ate more corn than did Lot 6, but required less corn for each hundred pounds of gain. Lot 5 ate less cottonseed meal, silage and straw than did Lot 6, and consequently required much less of each of these feeds per cwt. gain. In this experiment Lot 5 required 39.86 lbs. less corn and 12.53 lbs. less cottonseed meal per cwt. gain than did Lot 6, while in the preceding experiment Lot 6 required 29.48 lbs. less corn and 4.72 lbs. less cottonseed meal per cwt. gain than did Lot 5.

Lot 5 in this experiment required 238.42 lbs. less silage per cwt. gain than did lot 5 the year before, but this was offset by 107.42 lbs. more clover hay and 18.39 lbs more straw. This is partially due to the fact that in the second experiment silage was fed only 70 days and clover hay was fed 63 days, while in the first experiment silage was fed 86 days and hay only 37 days. The cost per cwt. gain is given in Table XI. The average daily gains made by each lot are shown in Table X.