

TABLE 24.—Pounds of Feed Consumed

	Lot I	Lot II	Lot III	Lot IV*	Lot V*
Shelled corn	360.0	270.0	180.0	180.0	270.0
Velvet beans, cracked .....	.....	90.0	180.0	180.0	90.0

*Lots IV and V were given iron sulphate at each feed.

TABLE 25.—Daily Ration, Pounds per Pig

	Lot I	Lot II	Lot III	Lot IV	Lot V
Shelled corn	3.00	2.25	1.50	1.50	2.25
Velvet beans, cracked .....	.....	.75	1.50	1.50	.75

The results given in tables 23, 24, and 25 show that the pigs in all lots made more satisfactory gains than those in the previous experiment. The largest daily gain was made by the pigs in lot II which received corn three parts and cracked velvet beans one part by weight. The least daily gain was made by the pigs in lot I, fed corn alone. The cheapest pork was produced by the pigs in lot III, fed corn and cracked velvet beans equal parts by weight. The most expensive pork was produced by the pigs in lot I, fed corn alone.

EXPERIMENT XI

In this experiment nineteen pigs, which were divided into four lots of five pigs each, except lot III, which contained four, were used.

Lot I was fed shelled corn only, lot II was fed shelled corn one part and raw dasheens four parts by weight. Lot III was fed shelled corn and raw dasheens equal parts by weight. Lot IV was fed shelled corn one part, dasheens four parts by weight, and a small amount of velvet-bean meal.

This experiment began March 4, 1915, and continued fifty-nine days. It will be seen by looking over the table of weights and gains that the pigs in lot I and lot III are the only one that approached satisfactory gains. Lot II did little more than maintain their initial weight, and lot IV made an average daily gain of only 0.187 of a pound, which is a very unsatisfactory gain for hogs on feed.

This, however, is probably the first feeding experiment to be conducted with dasheens. It is possible that as we learn more about this crop we will learn methods of feeding that will give good results. It is evident that in this experiment raw dasheens were not satisfactory for fattening pigs. The results of this test are given in detail in tables 26, 27, and 28.