

TABLE 1.—Weights and Gains, in Pounds

Weight at beginning of test, January 29, 1910 (5 pigs).....	593
Weight at end of test, March 20, 1910 (51 days, 5 pigs).....	775
Average daily gain .....	0.71
Average daily gain per 1,000 pounds live weight.....	6.02
Pounds of feed to make 100 pounds of gain.....	1406

## EXPERIMENT II

The second test was conducted with twenty-five pigs. This test began December 13, 1910, and lasted sixty days, closing February 11, 1911. The twenty-five pigs in this test were divided into five equal lots, of five pigs each, size and quality being considered. The feeds used were velvet beans in the pod, Japanese cane, and sweet potatoes. These were fed just as they came from the field, except the Japanese cane, which was cut into short pieces with a hatchet.

Lot I was fed velvet beans in the pod only. Lot II was fed equal parts by weight of velvet beans in the pod and Japanese cane. Lot III was fed velvet beans in the pod, one part, and Japanese cane, two parts, by weight. Lot IV was fed Japanese cane only. Lot V was fed velvet beans in the pod and sweet potatoes, equal parts by weight.

The three crops used in this feeding experiment are grown, or can be grown, in all parts of Florida. It is evident from the results of this feeding test that, in the proportions in which the feeds were fed, they were not all satisfactory in financial returns. However, it is the information that comes from such work that is of value to the livestock interests of the State.

TABLE 2.—Weights and Gains, in Pounds

	Lot I	Lot II	Lot III	Lot IV	Lot V
Weight at beginning, Dec. 13, 1910..	230	230	235.0	215	215.0
Weight at end, Feb. 11, 1911 (60 days) .....	255	234.3	227.3	154	227.3
Total gain or loss in 60 days .....	25	4.3	-7.7	-61	12.3
Average daily gain or loss .....	0.08	0.01	-0.03	-0.20	0.04
Average daily gain or loss per 1,000 pounds live weight .....	1.8	0.30	-0.53	-4.84	0.95

TABLE 3.—Pounds of Feed Consumed

Feeds	Lot I	Lot II	Lot III	Lot IV	Lot V
Velvet beans in pod .....	673	450	405.5	...	474
Japanese cane .....	...	450	804.5	3046.5	...
Sweet potatoes .....	...	...	...	...	489

If we should judge the results of this feeding test by the gain in pounds produced by the different feeds, we would be likely to condemn the whole test, and say it was a failure, and that the