

equal parts by weight, and dwarf essex rape, was 0.77 of a pound.

The hogs that were fed peanuts presented a better appearance than those fed corn and rape only. Their coats were much smoother, and they were more thrifty generally.

TABLE 17.—Weights and Gains, in Pounds

	Lot I*	Lot II	Lot III
Weights at beginning of test, Jan. 31, 1913 (five pigs) .....	335.0	469.0	469.0
Weights at close of test.....	453.0	624.0	635.0
Gain in forty-three days .....	118.0	155.0	166.0
Average gain per head .....	29.5	31.0	33.3
Average daily gain per head.....	0.686	0.72	0.774
Average daily gain per 1,000 pounds live weight	8.2	7.7	8.25
Pounds of feed to make one pound of gain....	4.67	4.44	4.14

\* Four pigs in Lot I

TABLE 18.—Pounds of Feed Consumed

	Lot I	Lot II	Lot III
Shelled corn .....	551.0	516.0	344.0
Dwarf Essex rape .....	103.0	129.0	129.0
Peanuts .....	.....	172.0	344.0

TABLE 19.—Daily Rations, Pounds per Pig

	Lot I	Lot II	Lot III
Shelled corn .....	3.2	2.4	1.6
Dwarf Essex rape .....	.6	.6	.6
Peanuts .....	.....	.8	1.6

### EXPERIMENT IX

The third experiment was conducted with fifteen head of pigs. The pigs in lot I were fed shelled corn and dwarf essex rape. Lot II was fed shelled corn, three parts; ground velvet beans, one part by weight, and dwarf essex rape. Lot III was fed shelled corn and ground velvet beans equal parts by weight and dwarf essex rape. All of the lots received the same amount of dwarf essex rape.

The experiment began January 9, 1914, and continued thirty-one days. During this time the pigs in lot I, fed shelled corn and dwarf essex rape, gained 47.3 pounds. During the same time, pigs in lot II, fed shelled corn three parts and velvet-bean meal one part by weight with dwarf essex rape, gained 35.3 pounds. The pigs in lot III, fed shelled corn and ground velvet beans equal parts by weight with dwarf essex rape, gained 31 pounds.

These results (see tables 20, 21, and 22) indicate that corn and dwarf essex rape produced the best results in this test. However, the gains were not satisfactory in any of the lots in this experiment.