

TABLE XVIII.

Lot No. 6.	First weight.	Weight at end of 1st four weeks.	Weight at end of 2nd four weeks.	Final weight.	Totals.
	lbs.	lbs.	lbs.	lbs.	lbs.
Live weight.....	515	632	840	989	
Increase in weight.....		117	208	149	474
Feed consumed.....		655	794	660	2,109
" per pound of increase in live weight.....		5.59	3.81	4.42	4.45

These 14 swine were shipped alive to the Ingersoll Packing Company, Ingersoll, Ont., to be slaughtered and cured in the manner followed by packers who send bacon and hams to the British market. The swine of each lot were marked differently, and a report was made upon them by the manager of the Ingersoll Packing Company according to the descriptive marks.

The report on the condition of the swine, 10 hours after they were killed, was as follows:—

"Lot 1, fed on mixed grain; leaf lard, fairly firm; best of the three lots.

Lot 2, fed on ground wheat; lard softish; not so firm as hogs of lot 1.

Lot 3, fed on ground buckwheat; lard soft, and hogs also soft.

The report on the sides of bacon after they were cured was as follows:—

Lot 1, fed on mixed grain; four hogs; all the sides turned out good hard meat, they were the best of the three lots.

Lot 2, fed on ground wheat; five hogs; six sides were soft and four quite firm.

Lot 3, fed on ground buckwheat; five hogs; two sides were soft and eight sides were firm.

"*Conclusion.*—From these tests it is evident that the feeding of wheat alone and of buckwheat alone is *not always a cause of 'soft' hogs and 'soft' sides*, since some of the swine fed on wheat and buckwheat yielded sides classed as firm."

Eight swine of a litter of cross-breds of *Tamworth* sire and *Poland China* dam were put into three lots as nearly even as possible.

TABLE XIX.

Lot No. 1 contained 3 swine.

They were fed on a *mixture* composed of equal parts, by measure, of barley, rye, wheat (all ground), and wheat bran, soaked in cold water for an average period of 30 hours.

Pen No. 1.	First weight.	Four weeks.	Eight weeks.	Twelve weeks.	Sixteen weeks.	Twenty weeks.	Totals.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Live weight.....	117	177	238	317	384	438	
Increase in weight.....		60	61	79	67	54	321
Feed consumed.....		198	210	239.5	233	224	1104.5
" per lb. of increase in live weight.....		3.30	3.44	3.03	3.47	4.14	3.44