

TABLE VIII.

Pen 3 contained 4 swine. They were fed upon a mixture of equal parts by weight of wheat, barley and pease, *unground* and soaked for an average of 42 hours.

—	Dec. 28.	Jan. 25.	Feb. 22.	Mar. 14.	Totals.
	lbs.	lbs.	lbs.	lbs.	lbs.
Live weight.....	747	816	963	1114	.....
Increase in weight .....		69	147	151	367
Feed consumed .....		673	935	620	2228
Do. per lb. of increase in live weight .....		9.75	6.36	4.10	6.07

*Conclusions*.—From these tests with heavy swine, it appears that :—

(1.) When the frozen wheat was fed, *ground* and soaked for 12 hours, 11.3 lbs. of increase in the live weight were obtained per bushel of wheat ;

(2.) When the frozen wheat was fed *unground* and soaked for 12 and 42 hours, 9.1 lbs. of increase in the live weight were obtained per bushel of wheat ;

(3.) When the frozen wheat is to be fed *unground*, it should be soaked for at least 42 hours ;

(4.) Leaving out of the reckoning, the weeks during which the frozen wheat *unground*, and the mixture of wheat, barley and pease *unground*, were soaked for only 12 hours, 5.24 lbs. of frozen wheat were consumed per lb. increase, and 5.22 lbs. of the mixture of wheat, barley and pease were consumed per lb. of increase in the live weight.

The second test in this series was made with younger and smaller swine to discover, (1) the quantity of frozen wheat consumed per lb. of increase in live weight, and (2) the quantity of skim-milk which would be the equivalent of a pound of frozen wheat in increasing the live weight of the swine.