

und, and

TOTALS.
lbs.
....
434
1930
4'45

they were
, ground

TOTALS.
lbs.
—
519
2,295
4'26

2. They
in Pen 2,
aked in
l drink.

TOTALS.

lbs.
—
671
1,652
9,345
2'46
13'92

TABLE V.

Pen 4 contained 4 swine, 2 crossbred Poland-China-by-Yorkshire and 2 crossbred Berkshire-by-Yorkshire. They were fed upon an allowance of the same mixture as those in Pens 2 and 3, (viz. : equal parts of pease, barley and rye, *ground* and soaked for 12 hours), plus all the skim-milk they would drink.

	Jan. 4.	Feb. 1.	Feb. 29.	Mar. 28.	May 2.	TOTALS.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Live weight.....	306	395	520	675	842	—
Increase in weight.....		89	125	155	167	536
Feed consumed. { Meal.....		332	385	514	626	1,857
{ Milk.....		610	481	551	938	2,580
Do. per lb. of increase { Meal.....		3'73	3'07	3'31	3'74	3'46
in live weight. { Milk.....		6'85	3'84	3'54	5'61	4'81

Conclusions.—From these tests which continued seventeen weeks, it appears that :—

(1.) 4'45 lbs. of grain were consumed per lb. of increase in live weight, when it was fed *unground* and soaked for 48 hours ;

(2.) 4'36 lbs. of grain were consumed per lb. of increase in live weight, when it was fed *ground* and soaked for 12 hours ;

(3.) 1 lb. of grain was the equivalent of 6'65 lbs. of skim-milk in increasing the live weight ;

(4.) The swine, which were fed upon a ration containing skim-milk, were lustier and more robust in appearance, than those which were fed upon grain only.

EXPERIMENTS IN FEEDING FROZEN WHEAT.

The first test in this series was undertaken to discover, (1) what results could be obtained from the fattening of large-sized swine upon a ration of frozen wheat, and (2) how frozen wheat compared with a mixture of equal parts by weight of pease, barley and wheat for increasing the live weight of the animals.