

er pound of
e duration
first period
was three
of ground
pea ensil-
ble feeding

of swine.

Lot 6, four
wine; grain,
fed raw and
cold, and
sugar beets.

Grain	Sugar Beets
lbs.	lbs.
3-17	0-84
2-76	2-23
3-81	2-32
3-15	2-13
0-51	8-25
6-58	6-00
3-89	2-73

is to the

of grain
of swine,

y of feed
the second
t exceeds

then they

near the
med, per

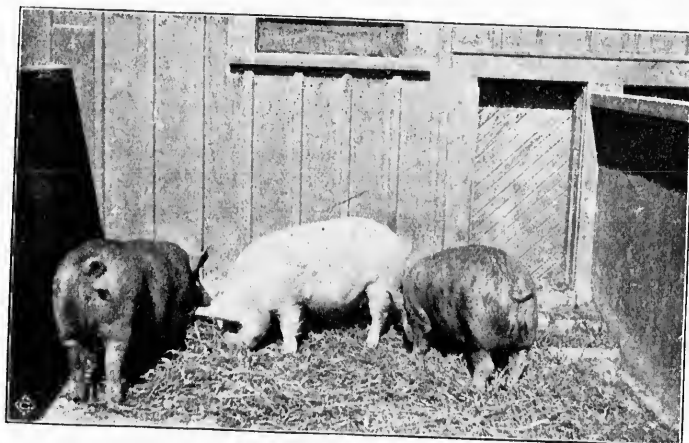
lbs. of a
pound of

limited

ough the
weeks of
ould be

allowed. By full ration is meant all the animals will eat up clean, and by a scant ration some considerable amount less than this.

Very few experiments have been tried along the line here, nor yet do many other experiment stations appear to have done anything very important upon the question. The importance of this line of research has in the past not been so great as at present and nowhere on the American continent is it quite so worthy of pursuit as here.



UNLIMITED RATION LOT.

The question of the cost of producing hogs of the weight of 160 to 200 pounds, which shall show not over $1\frac{1}{2}$ inches of fat along the back as contrasted with the cost of producing the thick hog showing from $1\frac{1}{2}$ to $2\frac{1}{2}$ inches of fat is at present of paramount importance, owing to the recent rapid development of our bacon export trade which demands the former class of hog.

No conclusive deductions may be drawn from our work here along this line, but the following report is submitted of an experiment with twelve swine recently completed.

TABLE XV.

Experiment.	Feed.	How Prepared.	No. of Swine.				No. of days fed.		Average amount feed eaten.	Average amount feed for 1 lb. gain.
			Average weight at start.	Average weight at finish.	Average net gain.	Average daily gain.				
			lbs.	lbs.	lbs.		lbs.	lbs.		
1 Oats, pease and barley	Whole, amount limited	Limited	4	103	185	82	76	1 08	307	3 60
									254	3 09
2 Oats, pease and barley	Ground, amount limited.	Limited	4	101	190	89	76	1 17	307	3 43
									254	2 85
3 Oats, pease and barley	[ground,] whole; unlimited	Limited	4	103	188	85	76	1 11	326	3 84
									254	2 90