

Effect of PHYTOCEE® on Shrinkage Loss Due to Pre-Slaughter Transportation Stress in Pigs

OBJECTIVE

To evaluate effect of PHYTOCEE® on shrinkage loss due to pre-slaughter transportation in finisher pigs.

MATERIALS AND METHODS

A total of 1128 finisher pigs in one group were maintained as normal control (T0) and in another group consisting of 560 finisher pigs was maintained as PHYTOCEE® treatment group and supplemented with PHYTOCEE® at 300 g/ton for 6 weeks (T1). Body weight was recorded before and after pigs were transported to slaughter house (3-4 hr transportation period). The shrinkage percentage was calculated before and after transportation and shrinkage loss due to transportation of pigs was evaluated.

RESULTS

Effect of PHYTOCEE® on shrinkage loss due to transportation

Parameters	T ₀ -Control (n=1128)	T ₁ - PHYTOCEE® (n=1560)	Difference (T ₁ – T ₀)
Mean BW at farm, kg	127.07	129.94	-
Mean BW at slaughterhouse, kg	122.54	126.87	-
Mean BW loss during transport, kg	4.52	3.07	-1.45
Shrinkage %	3.60	2.40	-1.20

BW, Body weight

CONCLUSIONS

PHYTOCEE® supplementation at 300 g/ton of feed for 6 weeks before slaughter reduced the body weight loss due to transportation by 1.45 kg (per animal) as compared to control, and thereby decreased the shrinkage loss by 1.2%.

OUTCOME

Hence, PHYTOCEE® (300 g/ton) could be suggested to supplement for reduction of weight loss due to transportation stress in finisher pigs.