

KULACTIC Research Trial in Swine Starter Feeds

Introduction: A field trial was conducted by a feed company in the Midwest USA on pigs in the starter phase.

Objective: The effect of KULACTIC™ replacing part of the whey in the starter feed was tested.

Materials & Methods: There were two treatments tested, with each treatment having 28 pigs. The trial lasted for 18 days and each pig was weighed individually at the beginning and end of the trial to determine gains. Feed consumption was measured on a daily basis. Feed costs were evaluated.

The control group diet was a typical starter-grower pelleted feed for this age of pigs. The diet for the trial group was identical, except for the addition of 2.5% KULACTIC replacing 2.5% of the regular whey powder.

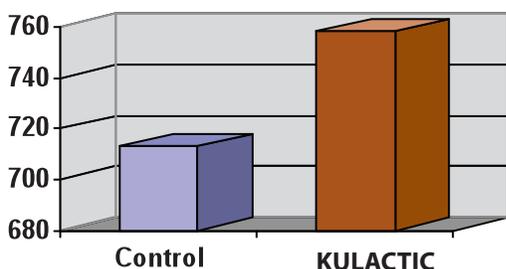
Results: The pigs on the KULACTIC treatment gained 45 grams per day more than pigs on the control diet. The animals on the KULACTIC treatment had higher ADFI than the control group, however, the feed cost per unit of gain was lower. Complete results are shown below.

Conclusions: Pigs consuming diets with KULACTIC replacing part of the dietary whey had increased ADG, higher ADFI and lower cost/unit of gain versus the control diet with whey.

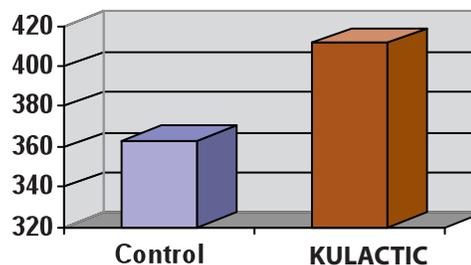
Results Table: All values are per animal and shown in pounds with kilos in parentheses ().

| Parameter | Control | KULACTIC |
|------------------------------------|-------------------|-------------------|
| Beginning weight/pig - Pounds (kg) | 21.7 (9.84) | 21.6 (9.79) |
| Ending weight/pig | 36.1 (16.37) | 37.9 (17.19) |
| Total Gain/Pig | 14.4 (6.53) | 16.3 (7.4) |
| ADG | 0.801 (363 grams) | 0.908 (412 grams) |
| ADFI | 1.57 (713 grams) | 1.67 (758 grams) |
| Feed/Gain | 1.96 | 1.83 |
| Feed Cost/pound of Gain US\$ | 0.2417 | 0.2279 |

ADFI, Grams



ADG, Grams



To learn more contact your nutritionist, veterinarian or Arm & Hammer Animal Nutrition representative.