

**Protein availability of AminoPlus vs. soybean meal as measured by the performance of young chicks.**

448 Ross x Ross one-day old chicks were utilized to determine if the protein in AminoPlus has equal bioavailability to the protein in soybean meal. There were 7 treatments in the experiment with 8 replicate pens/treatment and 8 birds/replicate pen. The chicks were fed diets in which 0, 33, 67 and 100% of the soybean meal in the diet was replaced (on a total lysine basis) by each of two separate batches of AminoPlus. The diets were formulated to contain amino acids below the requirement level so performance would be reflective of the bioavailability of protein in AminoPlus. The lysine levels in the diets were formulated at 1.05% vs. a requirement of 1.14% lysine.

The results of this experiment are shown in the following table:

The influence of replacing soybean meal in the diet with AminoPlus on an equal lysine basis on the performance of chicks from 1 to 21 days of age.

Soybean Meal Source	Avg. Daily Gain, gm	Feed/ Bird/ Day, gm	Feed/ Gain
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