



PD/A CRSP EIGHTEENTH ANNUAL TECHNICAL REPORT

STABLE CARBON AND NITROGEN ISOTOPE ANALYSIS OF TILAPIA AND CLARIAS FED COMMERCIAL FEEDS OR AGRICULTURAL BY-PRODUCTS

*Ninth Work Plan, Feeds and Fertilizers Research 2A (9FFR2A)
Abstract*

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ABSTRACT

Samples of feeds, fertilizers, fish, mud, and plankton from the final feeding study in Kenya were received in Pine Bluff, Arkansas, in late June 2000. These samples are being freeze-dried and ground. In addition, mud must be treated to remove carbonates. All prepared samples will be submitted to a laboratory for isotope analysis, which will begin in two to three months. Final results should be available by 31 December 2000. Since all samples were received only after the feeding trial was completed, there are no preliminary isotope data to report. Several sets of feeds and feedstuffs have been subjected to proximate analysis at University of Arkansas at Pine Bluff to verify results of analysis conducted in Kenya.