



PD/A CRSP EIGHTEENTH ANNUAL TECHNICAL REPORT

PRODUCTION OF IMPROVED EXTENSION MATERIALS

*Ninth Work Plan, Adoption/Diffusion Research 6B (9ADR6B)
Abstract*

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ABSTRACT

In our first year of work on the Ninth Work Plan Philippines Project, we have generated meaningful results in two areas: the reduction of feeds used in the initial phase of grow-out ("Timing of the onset of supplemental feeding of Nile tilapia (*Oreochromis niloticus*) in ponds," 9FFR4) and the cost-benefit of using only light application of fertilizers ("Global Experiment: Optimization of nitrogen fertilization rate in freshwater tilapia production ponds," 8FFR1Ph). Both of these lines of work lend themselves to extension effort. The results of the studies have been accepted by farmers near Central Luzon State University, suggesting that broader dissemination will have broader impact. We anticipate that a broad base of the fish farming industry in the Philippines will adopt methods shown convincingly to have the potential to improve their profits while reducing the amount of labor required. Thus far, we have presented results of the first of these two series of feeds experiments in a workshop ("Workshop on the timing of the onset of supplemental feeding of Nile tilapia (*Oreochromis niloticus*) in ponds," 9ADR6A), at an annual CRSP meeting, and at an international meeting and have drafted a manuscript. We are presently working on conceptual design for extension materials for dissemination and have collected similar extension materials (technical bulletins, fact sheets, etc.) from the US to use as models.