

AGSSIP – POLYCULTURE PROJECT

POLYCULTURE OF NILE TILAPIA *OREOCHROMIS NILOTICUS*, CLARIAS GARIEPINUS, *HETEROBRANCHUS LONGIFILIS*, PRAWNS AND GREY MULLET.

By

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Abstract

The AgSSIP polyculture project started in June 2003 and ended in October 2006. The project sought to find appropriate technologies in fish culture that could easily be transferred to fish farmers to help improve their output from pond culture activities.

Specifically, the aims of the project were;

- i To determine appropriate stocking combinations that will ensure maximum utilization of natural food resources and subsequently fish yield from ponds.
- ii To diversify species in culture and determine species with highest potential for culture.
- iii To transfer technologies acquired to farmers to improve their outputs from pond culture activities.

The project consisted of two phases, on-station and on-farm trials. The first phase, which was the on-station trails at the CSIR WRI Aquaculture Research Development Center (ARDEC) at Akosombo, involved polyculture of Nile tilapia (*Oreochromis niloticus*) with other species viz: *Clarias gariepinus*, *Heterobranchus longifilis*, prawns and grey mullets in various species combinations.

