



# APPENDIX 5. COMPLETION DATES

## RESEARCH AREA: PRODUCTION OPTIMIZATION

Research Theme	Project Leader	Report Title	Research Theme Code	Study End Date	Report Received
Pond Dynamics	Boyd	Pond Soil Characteristics and Dynamics of Soil Organic Matter and Nutrients *	8PDR1	05/98	Final
	Diana	Effect of Mud Turbidity on Fertilization, and an Analysis of Techniques to Mitigate Turbidity Problems in Wet Season	8TR1	07/98	Final
	Bowman	New Site Development and Characterization	8KR1	12/98	Final
	Boyd	Pond Soil Characteristics and Dynamics of Soil Organic Matter and Nutrients	9PDR2	06/00	Progress
Feeds and Fertilizers	Green	Intensification of Tilapia Production: Effects of Feeding at Different Stocking Rates on Pond Water Quality	8HR1	12/99	Final
	Bowman	Relative Contribution of Supplemental Feed and Inorganic Fertilizers in Semi-Intensive Tilapia Production	8KR3	08/98	Final
	Lochmann	Nutritional Contribution of Natural and Supplemental Foods for Nile Tilapia: Stable Carbon Isotope Analysis	8KR3A	12/98	Final
	Bowman	Global Experiment: Optimization of Nitrogen Fertilization Rate in Freshwater Tilapia Production Ponds	8FFR1K	08/99	Progress
	Diana	Global Experiment: Optimization of Nitrogen Fertilization Rate in Freshwater Tilapia Production Ponds during Cool Season	8FFR1T	01/99	Final
	Brown	Global Experiment: Optimization of Nitrogen Fertilization Rate in Freshwater Tilapia Production Ponds	8FFR1Ph	04/01	None expected
	Brown	Timing of the Onset of Supplemental Feeding of Tilapia in Ponds	9FFR4	12/99	Progress
Reproduction Control	Shelton	Methods for Androgenesis Techniques Applicable to Tilapia	8RCR1B	06/99	Final
	Phelps	Methods for Contribution from the Male and Female Genome to Sex Inheritance	8RCR1C	08/99	None
	Phelps	Methods for Development of YY Lines of Male and Female <i>O. niloticus</i>	8RCR1D	08/99	None
	Phelps	Detection of MT in Pond Water after Treatment with MT Food	8RCR3B	04/99	Final
	Bowman	Strain Variations in Sex Ratio Inheritance	8KR2	08/98	Final
	Fitzpatrick	Masculinization of Tilapia by Immersion in Trenbolone Acetate: Effect of Treatment Timing and Dose on Masculinization with Trenbolone Acetate	9RCR5A	07/99	Final
Aquaculture Systems Modeling	Fitzpatrick	Masculinization of Tilapia by Immersion in Trenbolone Acetate: Growth Performance of Trenbolone Acetate-Immersed Tilapia	9RCR5B	07/00	None expected
	Piedrahita	Aquaculture Pond Modeling for the Analysis of Environmental Impacts and Integration with Agriculture: Model Evaluation and Application to the Ecological Analysis of Integrated Aquaculture/ Agriculture Systems †	8ASMR1A	09/98	Final
New Aquaculture Systems/ New Species	Piedrahita	Aquaculture Pond Modeling for the Analysis of Environmental Impacts and Integration with Agriculture: Modeling of Temperature, Dissolved Oxygen, and Fish Growth Rate in Stratified Ponds Using Stochastic Input Variables †	8ASMR1B	12/98	Final
	Diana	Culture of Mixed-Sex Nile Tilapia with Predatory Snakehead	9NS2	01/00	Abstract

RESEARCH AREA: ENVIRONMENTAL EFFECTS					
Research Theme	Project Leader	Report Title	Research Theme Code	Study End Date	Report Received
Effluents and Pollution	Green	Estuarine Water Quality Monitoring and Estuarine Carrying Capacity	8HR2-1	09/98	Final
	Ward	Evaluation of Shrimp Farming Impacts in Golfo de Fonseca Region, Honduras †	8HR2-2	09/98	Final
	Green	Water Exchange to Rectify Low Dissolved Oxygen	8HR4	05/99	Final
	Wood	Use of Pond Effluents for Irrigation in an Integrated Crop/Aquaculture System	9ER1	02/00	Progress
	Fitzpatrick	Fate of Methyltestosterone in the Pond Environment: Detection of MT in Soil after Treatment with MT Food	9ER2A	07/99	Final
	Fitzpatrick	Fate of Methyltestosterone in the Pond Environment: Detection of MT in Pond Soil from a CRSP Site	9ER2B	07/00	Abstract
	Diana	Integrated Recycle Systems for Catfish and Tilapia Culture	9ER3	03/00	None expected

RESEARCH AREA: SOCIAL AND ECONOMIC ASPECTS					
Research Theme	Project Leader	Report Title	Research Theme Code	Study End Date	Report Received
Marketing and Economic Analysis	Engle	Nonparametric Estimation of Returns to Investment in Honduras Shrimp Research	8MEAR1	12/98	Final
	Engle	Risk Analysis of Shrimp Farming in Honduras	8MEAR2	12/98	Final
	Engle	Development of Central American Markets for Tilapia Produced in the Region	9MEAR3	01/01	Progress
	Engle	Economic and Social Returns to Technology and Investment in Thailand	9MEAR4	04/01	Progress
Adoption/Diffusion	Molnar	Fish Culture in the Peruvian Amazon: Producer Perceptions and Practices in Three River Systems †	8ADR1-1	12/98	Final
	Molnar	Sources of Technical Assistance for Fish Farmers in the Peruvian Amazon †	8ADR1-2	10/99	Progress
	Lovshin	Impacts of Integrated Fish Culture on Resource-Limited Farms in Guatemala and Panama: An Ex-Post Evaluation	8ADR2	12/98	Final
	Bowman	Regional Outreach in Africa	8KR5	07/98	Final
	Bowman	Aquaculture Training for Kenyan Fisheries Officers and University Students	9ADR3	03/01	Progress
	Bowman	Establishment of Companion Sites in the Africa Region	9ADR4	03/01	Progress
Decision Support Systems	Bolte	Decision Support Systems for Fish Population Management and Scheduling in Commercial Pond Aquaculture Operations	9DSSR2	04/01	None expected
	Bolte	Enhancing the POND <sup>®</sup> Decision Support System for Economics, Education, and Extension	9DSSR3	06/00	Progress

\* The final report for 8PDR1 was combined with and is printed as the progress report for 9PDR2.

† Title of report is different than study title listed in the *Eighth Work Plan*.

