



APPENDIX 4. 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	PDR1	5/31/98	Progress
	Kohler	New Site Development and Characterization ¹	PR2	5/31/98	Final
	Bowman	New Site Development and Characterization	KR1	12/1/98	Abstract
	Diana	Effect of Mud Turbidity on Fertilization, and an Analysis of Techniques to Mitigate Turbidity Problems	TR1	7/31/98	Final
Feeds and Fertilizers	Diana	Management of Organic Matter and Nutrient Regeneration in Pond Bottoms	TR2	7/31/98	Final
	Green	Intensification of Tilapia Production: Effects of Feeding at Different Stocking Rate on Pond Water Quality	HR1	12/31/99	None
Reproduction Control	Green	Global Experiment: Optimization of Nitrogen Fertilization Rate in Freshwater Tilapia Production Ponds (Honduras)	FFR1H	7/31/98	Final
	Bowman	Relative Contribution of Supplemental Feed and Inorganic Fertilizers in Semi-Intensive Tilapia Production	KR3	8/31/98	Progress
	Lochmann	Nutritional Contribution of Natural and Supplemental Foods for Nile Tilapia: Stable Carbon Isotope Analysis	KR3A	12/31/98	Progress
	Bowman	Global Experiment: Optimization of Nitrogen Fertilization Rate in Freshwater Tilapia Production Ponds (Kenya)	FFR1K	8/31/99	Progress
	Diana	Global Experiment: Optimization of Nitrogen Fertilization Rate in Freshwater Tilapia Production Ponds (Thailand)	FFR1T	1/31/99	Progress
	Fitzsimmons	Development of Low-Cost Supplemental Feeds for Tilapia in Pond and Cage Culture	PHR1	6/30/99	Progress
	Phelps	Methods for Strain Variations in Sex Ratio Inheritance and Methods for Contribution from the Male and Female Genome to Sex Inheritance ²	RCR1A & RCR1C	6/30/99	Progress
	Shelton	Nile Tilapia Gamete Management for Chromosome Manipulation*	RCR1B	8/31/99	Progress
	Phelps	Methods for Development of YY Lines of Male and Female <i>O. niloticus</i>	RCR1D	6/30/99	None
	Fitzpatrick	Steroid Immersion for Masculinization of Tilapia: Immersion of Tilapia Fry in MDHT	RCR2A	8/31/99	Final
Fitzpatrick	Effect of Fish Density on Efficacy of Masculinization by Immersion in MDHT	RCR2B	10/31/97	Final	
Phelps	Masculinization of Tilapia Fry by Immersion in Trenbolone Acetate (TBA) at a Production Level*	RCR2C	6/30/98	Final	
Fitzpatrick	Detection of MT in Aquarium Water after Treatment with MT Food	RCR3A	3/31/98	Final	
Phelps	Detection of MT in Pond Water after Treatment with MT Food	RCR3B	4/30/99	Abstract	
Bowman	Strain Variations in Sex Ratio Inheritance	KR2	8/31/98	Abstract	
Aquaculture Systems	Piedrahita	Model Evaluation and Application to the Ecological Analysis of Integrated Aquaculture/Agriculture Systems*	ASMR1A	9/30/98	Progress
Modeling	Piedrahita	Modeling of Temperature, Dissolved Oxygen, and Fish Growth Rate in Stratified Ponds Using Stochastic Input Variables	ASMR1B	12/31/98	Progress
New Aquaculture Systems/ New Species	Kohler	Development of Sustainable Pond Aquaculture Practices for <i>Piaractus brachipomus</i> in the Peruvian Amazon*	PR1	5/31/98	Final

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

¹ Study PR2 was carried out in lieu of the Global Experiment (FFR1), as work with tilapia in Peru is prohibited by the Peruvian government.

² Results of studies RCR1A and RCR1C were submitted as one report.

Eighth Work Plan Completion Dates (cont.)

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	HR2-1	9/30/98	Progress
	Ward	Analysis of Honduran Shrimp Farm Impacts on Channel Estuaries of the Gulf of Fonseca *	HR2-2	9/30/98	Progress
	Green	Influence of Daily Water Exchange Volume on Water Quality and Shrimp Production	HR3	5/31/98	Final
	Green	Water Exchange to Rectify Low Dissolved Oxygen	HR4	5/31/99	Abstract
	Diana	Management to Minimize the Environmental Impacts of Pond Draining: Effect of Harvest Draining Technique on Water Quality and Fish Growth *	TR3-2	7/31/98	Final
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	Economic and Social Returns to Technology and Investment and Risk Analysis of Pond Management Strategies ³	MEAR1 & MEAR2	12/31/98	Progress
Adoption/Diffusion	Molnar	Tilapia Producer Perceptions and Practices in Five PD/A CRSP Countries *	ADRIA	12/31/98	Progress
	Lovshin	The Influence of Fish Culture Technology, Extension Methodology, and Socioeconomics on Success of Fish Culture on Limited-Resource Farms Training	ADR2	6/30/99	Progress
	Bowman	Regional Outreach in Africa	KR4	7/31/98	Final
	Bowman	High-Input Green Water On-Farm Trials in Northeast Thailand *	KR5	7/31/98	Progress
Decision Support Systems	Diana		TR4	7/31/98	Final
	Bolte	POND® Software Development and Refinement * ⁴	DSSR1A, DSSR1B, & DSSR1C	4/30/98	Final
	Bolte	Macro-Level Agroecological Systems Analysis and Socioeconomics of Pond Aquaculture	DSSR1D	4/30/98	Final

* Title of report is different than study title listed in the *Eighth Work Plan*.³ Results of studies MEAR1 and MEAR2 were submitted as one report.⁴ Results of studies DSSR1A, DSSR1B, and DSSR1C were submitted as one report.