

Table 1 Mean concentrations of some water quality parameters in earthen pond systems

WET SEASON 1							
Farms	pH	Temp. °C	DO (mg/L)	TDS (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Ammonia (mg/L)
OOF	7.2 ±0.04	28.8 ±0.10	9.0 ±0.01	201	0.04 ±0.01	10.0 ±0.01	0.2 ±0.07
SFL	7.8 ±0.02	30.0 ±0.10	4.5 ±0.02	286	0.10 ±0.02	6.2 ±0.05	0.4 ±0.01
KFF	7.5 ±0.04	27.6 ±0.11	6.4 ±0.01	280	0.25 ±0.02	17.2 ±0.07	0.1 ±0.05
WET SEASON 2							
Farms	pH	Temp. °C	DO (mg/L)	TDS (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Ammonia (mg/L)
OOF	7.1 ±0.02	28.0 ±0.10	15.4 ±0.01	279	0.05 ±0.02	2.40 ±0.01	2.0 ±0.01
SFL	6.8 ±0.09	27.5 ±0.12	5.8 ±0.02	298	0.10 ±0.01	10.0 ±0.01	0.8 ±0.01
KFF	6.9 ±0.04	28.6 ±0.12	7.5 ±0.01	365	0.50 ±0.01	5.2 ±0.02	0.4 ±0.02