

Table 2 Mean concentrations selected of some water quality parameters in earthen pond systems

DRY SEASON 1							
Farms	pH	Temp. °C	DO (mg/L)	TDS (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Ammonia (mg/L)
OOF	7.3 ±0.01	31.0 ±0.10	4.0 ±0.02	304	0.06 ±0.01	9.40 ±0.02	0.3 ±0.01
SFL	7.4 ±0.02	29.0 ±0.12	5.04 ±0.01	379	0.20 ±0.01	3.70 ±0.04	0.4 ±0.02
KFF	7.5 ±0.02	30.0 ±0.10	5.08 ±0.02	364	0.02 ±0.02	4.60 ±0.02	0.2 ±0.01
DRY SEASON 2							
Farms	pH	Temp. °C	DO (mg/L)	TDS (mg/L)	Nitrite(mg/L)	Nitrate (mg/L)	Ammonia (mg/L)
OOF	7.3 ±0.01	30.0 ±0.10	9.1 ±0.02	380	0.03 ±0.01	4.2 ±0.01	0.4 ±0.01
SFL	6.9 ±0.08	28.2 ±0.12	6.8 ±0.02	378	0.02 ±0.01	9.4 ±0.01	0.3 ±0.03
KFF	7.0 ±0.02	31.0 ±0.10	12.0 ±0.01	365	0.02 ±0.01	4.6 ±0.02	0.2 ±0.01