

Table 3 Growth performances of *O. niloticus* from geographically isolated lakes in pond system at Sebeta

Parameters	<i>Oreochromis niloticus</i> from lakes		
	CH	TA	HA
Initial mean weight (g)	16.7±1.1 <sup>a</sup>	14.9±0.6 <sup>a</sup>	16.9±1.2 <sup>a</sup>
Final mean weight (g)	59.6±9.5 <sup>a</sup>	39.4±4.5 <sup>c</sup>	46±5.3 <sup>b</sup>
Mean weight gain (g/fish)	42.9 <sup>a</sup> ±8.7	24.5 <sup>c</sup> ±3.9	29.1 <sup>b</sup> ±4.5
Mean daily growth rate (g/day)	0.4 <sup>a</sup> ±0.07	0.2 <sup>b</sup> ±0.03	0.2 <sup>b</sup> ±0.04
Specific growth rate (%/day)	1.1 <sup>a</sup> ±0.11	0.8 <sup>b</sup> ±0.07	0.8 <sup>b</sup> ±0.07
Feed conversion ratio (FCR)	2.5 <sup>a</sup>	4.2 <sup>b</sup>	4 <sup>b</sup>
Survival (%)	95	84	94
Gross fish yield (kg/ha/yr)	3433	1985.7	2718.5