

Table 2 Growth parameters of *O. niloticus* under different levels of *Tribulus terrestris* extract in the pond

|                     | T <sub>1</sub>           | T <sub>2</sub>           | T <sub>3</sub>           | T <sub>4</sub>           | T <sub>5</sub>           | T <sub>6</sub>           |
|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Initial weight (g)  | 0.76±0.028 <sup>a</sup>  | 0.82±0.030 <sup>ab</sup> | 0.85±0.032 <sup>ab</sup> | 0.95±0.037 <sup>b</sup>  | 0.98±0.036 <sup>b</sup>  | 0.77±0.029 <sup>a</sup>  |
| Initial length (cm) | 4.5±0.36 <sup>a</sup>    | 4.9±0.39 <sup>a</sup>    | 5.5±0.43 <sup>ab</sup>   | 5.8±0.53 <sup>ab</sup>   | 6.0±0.62 <sup>c</sup>    | 4.8±0.39 <sup>a</sup>    |
| Final weight (g)    | 12.37±1.37 <sup>a</sup>  | 14.62±1.32 <sup>ab</sup> | 15.96±1.47 <sup>b</sup>  | 17.06±1.42 <sup>c</sup>  | 18.04±1.8 <sup>c</sup>   | 14.83±1.38 <sup>ab</sup> |
| Final length (cm)   | 11.3±1.26 <sup>a</sup>   | 13.8±1.53 <sup>a</sup>   | 15.1±1.68 <sup>ab</sup>  | 16.1±1.79 <sup>b</sup>   | 17±1.89 <sup>b</sup>     | 14.2±1.58 <sup>ab</sup>  |
| Weight gain (g)     | 11.35±1.26 <sup>a</sup>  | 12.18±1.33 <sup>ab</sup> | 12.94±1.43 <sup>ab</sup> | 14.14±1.52 <sup>bc</sup> | 14.29±1.59 <sup>c</sup>  | 12.06±1.34 <sup>ab</sup> |
| FCR                 | 1.4296±1.34 <sup>a</sup> | 1.303±1.16 <sup>a</sup>  | 1.1356±0.93 <sup>a</sup> | 0.9768±0.83 <sup>a</sup> | 0.8554±0.57 <sup>a</sup> | 1.368±0.84 <sup>a</sup>  |
| SGR                 | 5.3150±2.64 <sup>a</sup> | 5.3242±2.83 <sup>a</sup> | 5.3618±2.48 <sup>a</sup> | 5.3032±2.35 <sup>a</sup> | 5.2968±2.78 <sup>a</sup> | 5.3582±2.83 <sup>a</sup> |
| Survival            | 91.8±3.40 <sup>a</sup>   | 91.7±3.40 <sup>a</sup>   | 95±3.52 <sup>b</sup>     | 95.3±3.53 <sup>b</sup>   | 95.3±3.54 <sup>b</sup>   | 90.3±3.34 <sup>a</sup>   |
| Sex ratio           |                          |                          |                          |                          |                          |                          |
| <i>Males</i>        | 33.33±0.58 <sup>a</sup>  | 55.67±3.06 <sup>b</sup>  | 67.67±2.08 <sup>c</sup>  | 79.33±2.52 <sup>d</sup>  | 83.67±4.04 <sup>e</sup>  | 73.00±1.73 <sup>d</sup>  |
| <i>Females</i>      | 66.67±0.57 <sup>c</sup>  | 44.33±3.05 <sup>d</sup>  | 32.33±2.08 <sup>c</sup>  | 20.67±2.52 <sup>a</sup>  | 16.33±4.04 <sup>a</sup>  | 27.00±1.73 <sup>b</sup>  |

Note: Means with the same superscript along the row are not significantly different (p<0.05)