

Table 2 Growth performance of *Clarias gariepinus* fed *Occimum gratissimum* additive meal for 84 days

PARAMETERS	OGM1	OGM2	OGM3	OGM4	OGM5	OGM6
Initial total weight (g)	218.67±0.44	217.83±0.44	218.17±0.44	218.17±0.17	218.67±0.33	219.00±0.00
Mean initial weight (g/fish)	10.94±0.02	10.98±0.02	10.91±0.02	10.91±0.01	10.93±0.02	10.95±0.00
Total final weight (g)	601.57±1.23 <sup>d</sup>	916.67±17.98 <sup>a</sup>	869.25±7.99 <sup>b</sup>	765.92±1.95 <sup>c</sup>	152.42±4.51 <sup>e</sup>	137.92±2.97 <sup>e</sup>
Mean final weight (g/fish)	37.60±1.33 <sup>d</sup>	50.93±1.00 <sup>b</sup>	54.33±0.50 <sup>a</sup>	42.55±0.11 <sup>c</sup>	10.98±0.32 <sup>e</sup>	10.61±0.23 <sup>e</sup>
Total weight gain (g)	382.90±20.80 <sup>d</sup>	698.83±17.54 <sup>a</sup>	651.08±7.77 <sup>b</sup>	547.75±2.10 <sup>c</sup>	-66.58±4.51 <sup>e</sup>	-81.08±2.97 <sup>e</sup>
Mean weight gain (g/fish)	23.93±1.30 <sup>c</sup>	38.83±0.97 <sup>a</sup>	40.69±0.49 <sup>a</sup>	30.43±0.12 <sup>b</sup>	-4.76±0.32 <sup>d</sup>	-6.22±0.24 <sup>d</sup>
Specific growth rate (%)	0.52±0.02 <sup>b</sup>	0.70±0.05 <sup>a</sup>	0.71±0.00 <sup>a</sup>	0.65±0.00 <sup>a</sup>	-0.19±0.02 <sup>c</sup>	-0.24±0.01 <sup>c</sup>
Relative growth rate (%/fish)	175.07±9.18 <sup>d</sup>	320.78±7.41 <sup>a</sup>	298.43±3.32 <sup>b</sup>	251.07±1.14 <sup>c</sup>	-30.30±1.96 <sup>e</sup>	-37.02±1.36 <sup>e</sup>
Fish productivity Index	690.08±0.99	1876.42±28.07	1581.87±38.73	1437.50±80.36	-25.03±1.10	-35.87±1.49
Total feed intake	1701.18±27.69 <sup>c</sup>	2344.64±35.74 <sup>a</sup>	2146.26±52.05 <sup>b</sup>	1889.96±100.46 <sup>c</sup>	1203.89±5.49 <sup>e</sup>	1195.49±48.97 <sup>e</sup>
Total protein intake	707.35±11.51 <sup>c</sup>	940.70±12.22 <sup>a</sup>	930.70±12.22 <sup>a</sup>	782.06±41.57 <sup>a</sup>	492.03±15.60 <sup>e</sup>	489.18±20.02 <sup>e</sup>
Feed conversion ratio	4.44±0.07 <sup>c</sup>	3.35±0.09 <sup>c</sup>	3.30±6.08 <sup>c</sup>	3.45±0.18 <sup>c</sup>	18.08±0.57 <sup>a</sup>	14.74±0.60 <sup>b</sup>
Protein efficiency ratio	0.54±0.01 <sup>b</sup>	0.74±0.02 <sup>a</sup>	0.75±0.02 <sup>a</sup>	0.70±0.04 <sup>a</sup>	-0.13±0.00 <sup>c</sup>	-0.17±0.01 <sup>c</sup>
Initial condition factor	0.48±0.01 <sup>b</sup>	0.63±0.02 <sup>a</sup>	0.51±0.02 <sup>b</sup>	0.50±0.03 <sup>b</sup>	0.53±0.03 <sup>b</sup>	0.49±0.01 <sup>b</sup>
Final condition factor	0.69±0.03 <sup>ab</sup>	0.62±0.03 <sup>bc</sup>	0.67±0.06 <sup>a</sup>	0.61±0.04 <sup>bc</sup>	0.52±0.03 <sup>c</sup>	0.48±0.04 <sup>bc</sup>
Number cropped	16.00±0.00 <sup>b</sup>	18.00±0.00 <sup>a</sup>	16.00±0.00 <sup>b</sup>	18.00±0.00 <sup>a</sup>	14.00±0.00 <sup>c</sup>	13.00±0.00 <sup>d</sup>
Survival (%)	80.00±0.00 <sup>b</sup>	90.00±0.00 <sup>a</sup>	80.00±0.00 <sup>b</sup>	90.00±0.00 <sup>a</sup>	70.00±0.00 <sup>c</sup>	65.00±0.00 <sup>d</sup>
Number of dead fish	4	2	4	2	2	7

Note: Data mean values with different superscripts in each row are significantly different (P>0.05), while without data are insignificantly different P>0.05