Table 6 Effect of soya bean (full fat) and phytase on growth performance of juvenile *Clarias gariepinus*

Sources of variation, P value	Mean weight gain (g/fish)	Daily weight gain (g/fish/day)	Daily feed intake (g/fish)	FCR	Specific growth rate (%)	Survival rate (%)
Phytase	0.007	0.00	0.771	0.00	0.079	0.000
Soya bean	0.000	0.000	0.000	0.000	0.00	0.000
Phytase* Soya bean	0.001	0.095	0.183	0.00	0.094	0.000
Pooled SE	0.483	0.008	0.072	0.058	0.031	0.604
Tukey HSD(means, P values) Phytase P0 vs P1	-1.05, 0.952	-0.07*, 0.037	-0.173, 0.934	2.23*, 0.000	-0.16, 0.448	5.96*, 0.031
P0 vs P2	4.74*, 0.032	0.05, 0.224	0.127, 0.978	2.20*, 0.000	0.06, 0.961	5.96*, 0.031
P0 vs P3	1.25, 0.914	0.0015, 1.000	-0.08, 0.997	2.07*, 0.000	0.03, 0.997	7.41*, 0.05
P0 vs P4	3.80, 0.114	0.029, 0.735	-0.09, 0.994	1.97*, 0.000	-0.05, 0.987	12.84*, 0.000
P1 vs P2	5.80*, 0.010	0.125*, 0.000	-1.86*, 0.000	-0.43, 0.186	0.23, 0.198	0.00, 1.000
P1 vs P3	2.31, 0.590	0.075*, 0.046	0.300, 0.705	-0.57*, 0.048	0.20, 0.331	1.44, 0.945
P1 vs P4	4.86, 0.038	0.103*, 0.004	0.08, 0.996	-0.66*, 0.016	0.12, 0.777	6.87*, 0.016
P2 vs P3	-3.49, 0.207	-0.05, 0.295	-0.20, 0.905	-0.13, 0.958	-0.03, 0.997	1.44, 0.945
P2 vs P4	-0.943, 0.973	-0.023, 0.892	-0.22, 0.885	-0.23, 0.737	-0.11, 0.803	6.87*, 0.016
P3 vs P4	2.55, 0.496	0.028, 0.801	-0.01, 1.000	-0.10, 0.984	-0.08, 0.933	5.43, 0.076
Soya bean S0 vs S1	6.93, 0.063	0.12*, 0.035	-0.06, 1.000	-0.14, 0.988	0.17, 0.797	-5.00, 0.485
S0 vs S2	10.32*, 0.003	0.11, 0.064	0.05, 1.000	-0.06, 1.000	0.17, 0.807	-1.54, 0.986
S0 vs S3	16.55*, 0.000	0.23*, 0.000	-0.40, 0.799	-0.60, 0.275	0.38, 0.139	-3.84, 0.713
S0 vs S4	39.67*, 0.000	0.495*, 0.00	-1.13*, 0.038	-5.49*, 0.000	1.26*, 0.000	15.12*, 0.001
S1 vs S2	3.38, 0.151	-0.01, 0.987	0.11, 0.983	0.08, 0.987	-0.003, 1.000	3.46, 0.310
S1 vs S3	9.61*, 0.000	0.11*, 0.001	-0.34, 0.502	-0.46, 0.085	0.21, 0.175	1.15, 0.963
S1 vs S4	32.73*, 0.000	0.37*, 0.000	-1.07*, 0.000	-5.35*, 0.000	1.08*, 0.000	20.11, 0.000
S2 vs S3	6.23*, 0.002	0.1*2, 0.000	-0.45, 0.236	-0.54*, 0.031	0.21, 0.165	-2.31, 0.683
S2 vs S4	29.35*, 0.000	0.39*, 0.000	-1.18, 0.000	-5.43*, 0.000	1.09, 0.000	16.65, 0.000
S3 vs S4	23.12*, 0.000	0.27*, 0.000	-0.73*, 0.018	-4.89, 0.000	0.87, 0.000	18.96, 0.000

Note: *Mean differences are significant at $P<0.05$