

Table 2 Fortnightly observations on increase in body weight of *O. niloticus* under different treatments

Fort-night	Treatments							
	I		II		III		IV	
	Av. Body wt.	Inc. in Body wt.	Av. Body wt.	Inc. in Body wt.	Av. Body wt.	Inc. in Body wt.	Av. Body wt.	Inc. in Body wt.
Stocking	1.05	-	1.46	-	1.31	-	1.27	-
1	2.06	1.01	2.75	1.29	2.23	0.92	1.92	0.65
2	3.05	0.99	4.29	1.54	2.62	0.39	2.66	0.74
3	4.98	1.93	5.62	1.33	3.19	0.57	3.48	0.82
4	7.64	2.66	8.54	2.92	4.02	0.83	4.73	1.25
5	10.39	2.75	12.22	3.68	6.49	2.47	6.99	2.26
6	12.83	2.44	15.15	2.93	7.90	1.41	8.99	2.00
7	15.30	2.47	21.49	6.34	9.81	1.91	11.15	2.16
8	24.29	8.99	26.83	5.34	12.54	2.73	13.70	2.55
9	31.94	7.65	30.51	3.68	15.84	3.30	17.83	4.13
10	39.41	7.47	38.04	7.53	19.25	3.41	22.70	4.87
11	43.01	3.60	42.60	4.56	22.21	2.96	26.78	4.08
12	47.39	4.38	50.11	7.51	24.73	2.52	29.47	2.69
Total		46.34 ^b		48.65 ^a		23.42 ^d		28.20 ^c

Means in same row with different superscripts are significantly different ($P < 0.05$).

Key:

I = Mixed sex Coppens

II = Sex reversed Coppens

III = Mixed sex Farm Produced Feed

IV = Sex reversed Farm Produced Feed

Analysis of variance on gain in body weight of *O. niloticus*

Source of variation	d.f.	sum of squares	mean squares	v.r.	F pr.
Replicate stratum	2	2.881	1.441	0.46	
Replicate.*Units* stratum					
SEX_type	1	73.982	73.982	23.68	<.001
Feed_Type	1	2771.447	2771.447	886.99	<.001
WEEKS	12	23120.936	1926.745	616.64	<.001
SEX_type.Feed_Type	1	0.597	0.597	0.19	0.663
SEX_type.WEEKS	12	53.731	4.478	1.43	0.163
Feed_Type.WEEKS	12	2071.063	172.589	55.24	<.001
SEX_type.Feed_Type.WEEKS	12	71.037	5.920	1.89	0.043
Residual	102	318.706	3.125		
Total	155	28484.379			