

Feeding protocol for African catfish fry:

 The fry are fed to near satiation ($\geq 5,5$ %BM/day)

This feeding advice is a guideline only based on optimal water quality and a water temperature of 27-28 °C

Feeding days	Average weight (g)	Feed size	Feed type
1	0.0025	Live feed	Artemia
2	0.005	Live feed	Artemia
3	0.009	90% artemia + 10% 0.2-0.3	Artemia + Essence
4	0.015	75% artemia + 25% 0.2-0.3	Artemia + Essence
5	0.022	50% artemia + 50% 0.2-0.3	Artemia + Essence
6	0.032	75% 0.2-0.3 + 25% artemia	Essence + Artemia
7	0.044	90% 0.2-0.3 + 10% artemia	Essence + Artemia
8	0.059	95% 0.2-0.3 + 5% artemia	Essence + Artemia
9	0.076	75% 0.2-0.3 + 25% 0.3-0.5	Essence + Advance
10	0.098	50% 0.2-0.3 + 50% 0.3-0.5	Essence + Advance
11	0.122	25% 0.2-0.3 + 75% 0.3-0.5	Essence + Advance
12	0.151	0.3-0.5	Advance
13	0.184	0.3-0.5	Advance
14	0.221	0.3-0.5	Advance
15	0.26	0.3-0.5	Advance
16	0.31	0.3-0.5	Advance
17	0.36	0.3-0.5	Advance
18	0.42	0.3-0.5	Advance
19	0.48	0.3-0.5	Advance
20	0.55	0.3-0.5	Advance
21	0.63	0.5-0.8	Advance
22	0.71	0.5-0.8	Advance
23	0.80	0.5-0.8	Advance
24	0.90	0.5-0.8	Advance
25	1.0	0.5-0.8	Advance
26	1.1	0.5-0.8	Advance
27	1.2	0.5-0.8	Advance
28	1.4	0.5-0.8	Advance
29	1.5	0.5-0.8	Advance
30	1.6	0.5-0.8	Advance
31	1.8	0.5-0.8	Advance
32	2.0	1.0	Advance
33	2.1	1.0	Advance
34	2.3	1.0	Advance
35	2.5	1.0	Advance
36	2.7	1.0	Advance
37	2.9	1.0	Advance
38	3.2	1.0	Advance
39	3.4	1.0	Advance
40	3.7	1.0	Advance
41	3.9	1.0	Advance
42	4.2	1.0	Advance
43	4.5	1.0	Advance
44	4.8	1.0	Advance
45	5.1	1.5	Advance
46	5.4	1.5	Advance
47	5.8	1.5	Advance
48	6.1	1.5	Advance
49	6.5	1.5	Advance
50	6.9	1.5	Advance
51	7.3	1.5	Advance
52	7.7	1.5	Advance
53	8.1	1.5	Advance
54	8.6	1.5	Advance
55	9.0	1.5	Advance
56	9.5	1.5	Advance
57	10.0	1.5	Advance

* The actual feed rate must be based on the appetite of the fry.

* The fry should ideally be fed 6 times per day e.g. 8.00 hr, 11.00 hr, 14.00 hr, 17.00 hr, 20.00 hr, 23.00 hr.

Feeding table for Grow-out:

Based on an optimal water quality and a water temperature of 26-28 °C

Feeding level for optimal FCR

Feeding days	Average weight (g)	Feed level (%BW/day)	Feed size (mm)
0	10	5.62	1.5
1	11	5.59	1.5 + 2.0
2	12	5.57	1.5 + 2.0
3	13	5.55	2.0
4	15	5.51	2.0
5	16	5.47	2.0
6	18	5.44	2.0
7	19	5.40	2.0
14	35	4.99	2.0
21	58	4.48	3.0
28	90	4.04	3.0
35	132	3.61	3.0
42	184	3.16	4.5
49	242	2.74	4.5
56	305	2.37	4.5
63	372	2.08	4.5
70	441	1.87	4.5 / 6.0
77	514	1.70	4.5 / 6.0
84	589	1.57	4.5 / 6.0
91	669	1.50	4.5 / 6.0
98	754	1.43	4.5 / 6.0
105	845	1.36	4.5 / 6.0
112	940	1.30	4.5 / 6.0
119	1040	1.24	4.5 / 6.0
126	1144	1.18	4.5 / 6.0
133	1251	1.12	4.5 / 6.0
140	1361	1.06	4.5 / 6.0
147	1473	1.02	4.5 / 6.0
154	1589	0.97	4.5 / 6.0
161	1706	0.92	4.5 / 6.0
168	1826	0.89	4.5 / 6.0
175	1948	0.86	4.5 / 6.0
178	2000	0.84	4.5 / 6.0

* This feeding protocol is only a guideline.