

HOW TO TRAIN FISH FEED RESPONSE

To feed by reponse, fish need to be trained to come and eat from the same place at the same time at the water surface.

1. Call the fish to feed at the designated fixed time and place. Eg. By making a sound or stump the ground just before feeding.
2. Pour in a handful of feed first. If the fish come, add more. If they do not come, do not add any more feed.
3. The following day, do the same untill the fish eventually learn that if the do not come to feed on time, there will be nothing left for them to eat. This may take sveral days.
4. The first week do not give more than half the estimated required ration (see feeding chart) to train the fish to feed very intenively and rapidly.
5. Do not sprinkle food into the cage. Use containers to broadcast the feed rapidly.
6. The fish should finish all the feed given in 15 minutes. If not, reduce the ration. If they finish it all in less that 5 minutes, add more.
7. Record daily how much has been consumed.

FEED CONVERSION RATIO (FCR) TABLE

Weeks in Prd'n	Fish Size (g)	Growth (g/day)	Dail feed (% BW)	Dail feed / Fish (g)	FCR	Type of feed protein / (mm)	No. of feeding /day
1	10	0.4	5.0	0.5	1.8	45%-crumble	4
2	14	0.6	4.7	0.7	1.8	40%-crumble	3
3	23	1.2	4.6	1.0	1.8	40%-crumble	3
4	33	1.4	4.0	1.3	1.8	40%-crumble	3
5	45	1.7	3.8	1.7	1.8	35%-2mm	3
6	59	2.0	3.6	2.1	1.8	35%-2mm	3
7	77	2.6	3.4	2.6	1.8	35%-2mm	3
8	97	2.8	3.0	2.9	1.8	35%-2mm	3
9	122	3.7	3.0	3.7	1.8	35%-2mm	3
10	150	4.0	2.7	4.1	1.8	30%-3mm	3
11	182	4.6	2.5	4.6	1.8	30%-3mm	3
12	217	4.9	2.4	5.2	1.8	30%-3mm	3
13	252	5.0	2.4	6.0	1.8	30%-3mm	3
14	288	5.1	2.0	5.8	1.8	30%-5mm	3
15	323	5.1	2.0	5.8	1.8	30%-5mm	3
16	359	5.1	1.8	6.5	1.8	30%-5mm	3
17	395	5.1	1.5	7.1	1.8	30%-5mm	3
18	430	5.1	1.5	6.5	1.8	30%-5mm	3
19	466	5.1	1.5	7.0	1.8	30%-5mm	3
20	502	5.1	1.5	7.5	1.8	30%-5mm	3
21	537	5.1	1.4	7.5	1.8	30%-5mm	2
22	573	5.1	1.4	8.0	1.8	30%-5mm	2
23	609	5.1	1.3	7.9	1.8	30%-5mm	2
24	645	5.1	1.3	8.4	1.8	30%-5mm	2
25	680	5.1	1.2	8.2	1.8	30%-5mm	2
26	716	5.1	1.2	8.2	1.8	30%-3mm	2
27	752	5.1	1.2	9.0	1.8	30%-5mm	2
28	787	5.1	1.1	8.7	1.8	30%-5mm	2
29	823	5.1	1.1	9.1	1.8	30%-5mm	1
30	859	5.1	1.1	9.4	1.8	30%-5mm	1
31	894	5.1	1.1	9.8	1.8	30%-5mm	1
32	930	5.1	1.0	9.3	1.8	30%-5mm	1
33	966	5.1	1.0	9.7	1.8	30%-5mm	1
34	1002	5.1	1.0	10.0	1.8	30%-5mm	1
35	1037	5.1	1.0	10.4	1.8	30%-5mm	1
36	1073	5.1	1.0	10.7	1.8	30%-5mm	1



Quality FEEDS for
Quality Fish

GREEN FEED AFRICA LTD.

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THE PERFORMANCE OF A FISH FEED DEPENDS ON:

- » Its ability to meet the nutritional needs of the growing fish.
- » Its water stability and impact on water quality.
- » On whether or not all fish in the cage are able to consume the required amount per day.

GREEN FEED AFRICA's quality fish feed meets all these 3 (three) requirements above because they are specially made to meet the specific nutritional requirements of the fish at the different stages of growth.

Each pellet is complete in nutritional value and remains intact in water for at least 15-20 minutes. This coupled with the fact that the pellets do not sink to the cage bottom, reduces potential negative effects on cage water quality resulting from excess feed decomposing in the cage.



HOW TO FEED WITH FLOATING FEED

- Refer to the feeding chart at the back as a guide.
- Use the correct type and size of the feed for the size of fish being reared.
- **Feed the right amount:** The amount of feed the fish need each day is based on their body weight and affected by water and their health at the time.
- Feed the correct number of times a day:
- The feeding chart at the back shows how many times you're supposed to feed your fish per day in rational to their sizes.

- **Feed by response:** Feed based on the fish' interest in coming to eat. Once the fish show no interest in feeding, do not add any more feed.
- Re-adjust the feeding based on the actual average weight obtained.
- **Keep daily records:** It's important to record the amount fed to enable proper growth rates monitoring and feeding performance.

NOTE: If the guidelines followed well, by harvest time, a farmer should have used about 1.8kg of feed to produce a 1 kg fish. The amount of feed used to produce a 1 kg fish is called the "Feed Conversion Ratio" (FCR).

