Feed Chart for Tilapia

Table Showing Feed Rate as a percentage of body weight in relation to age of fish

Fish Age	Feed Type	Feeding Rate(%Bodyweight)
1st 2 weeks	Mash	10%
3-4 weeks	Mash	8%
5-6 weeks	Mash	5%
7-8weeks	Mash & Pellets	5%
9-10weeks	Mash & Pellets	5%
11-12weeks	Pellets	4%
13-14weeks	Pellets	4%
15-16weeks	Pellets	4%
17-18weeks	Pellets	3%
19-20weeks	Pellets	3%
21-22weeks	Pellets	2%
23-24weeks	Pellets	2%

For more information Contact us at
Fisheries Division, Aquaculture Branch
Ministry of Agriculture, Twickenham
Park, St. Catherine
TEL: 984-9444/9343
FAX: 984-5194
Email: aquabranch@moa.gov.jm

Feeding Table for Tilapia Fry up to two weeks of growth.

Amount of fish	Avg. Fry (g)	Total Body Weight (lbs) (kg)		Feeding Rate % Body weight	Amount of feed *per day* (lbs)	No. of times per day
5,000	1	11	5	10	1.1	4
10,000	1	22	10	10	2.2	4
15,000	1	33	15	10	3.3	4
20,000	1	44	20	10	4.4	4
25,000	1	55	25	10	5.5	4

Note:
After the first two weeks an Extension Officer will sample the pond to determine the growth rate and adjust the amount of feed which should be fed to the fish.

Formula for finding the Amount of feed for the fish

Biomass of pond *multiply* by the % body weight of fish = Quantity of feed to be fed per day

Biomass *is the total weight of all the fish in the pond* and may be calculated as follow:
1. Weight of 1 fish x estimated number of fish in pond **or**
2. Estimated number of fish in pond divided by "**Count per Pound**

For example
A farmer stocked a pond with 20,000 advance Fry. Determine the amount of feed required per day in pound for the first two week.
Note: For the first 2 weeks Frys are to be fed 10 % their body weight.

Step 1

Calculate the Biomass of the pond
Tilapia fry supplied by the Aquaculture Branch avg. 1g each.
Hence 20,000 Advance frys at 1g each = 20,000g
Biomass in grams = 20,000 grams
Or
Convert from grams to kilogram
Therefore 20,000(g) converted to Kilogram
$\quad$ = 20,000 ÷ 1000
Biomass = 20 kg

Step 2
Calculate the amount of feed that is required per day.
$\quad$ The amount of feed = Biomass x % Body Weight
$\quad\quad$ = 20kg x 10%
$\quad\quad$ = 20 kg x 10/100 = **2 Kg of Feed**

Step 3
Convert to desired unit example
$\quad$ From kilogram to pounds - 1 kg = 2.2 lbs.
$\quad\quad$ Therefore **2 Kg** = 2.2 lbs. * 2 = **4.4lbs feed**

20,000 Advance Frys weighing 1g each should be fed **4.4lbs** *per day for 2 weeks.*