

Specification	Units	45/18	45/20	40/22	40/24
Size	Mm	2-3-4	4-5-6-	5-6-8	6-8-10
Moisture	MAX%	7.5	7.5	8.3	8.5
Crude protein	Min%	45	45	40	40
Crude fat	Min%	18	20	22	24
Crude fiber	Max%	3.0	3.1	3.2	3.3
Ash	Max%	7.2	7.3	6.8	6.8
Starch	Max%	12.1	12.3	12.7	12.9
Minerals					
Calcium	Min%	2	2	1.9	1.9
phosphor	Min%	1.6	1.6	1.4	1.4
Sodium	Min%	1.5	1.4	1.3	1.3
Vitamins					
Vitamin A	Min IU/kg	3200	3200	2800	2800
Vitamin D	Min IU/kg	350	350	250	250
Vitamin C	Added ppm.	350	350	300	300
Vitamin E	Added ppm	220	220	150	150
Protein analysis					
Methionine	% CP min	3.4	3.4	3.3	3.3
Cycteine	% CP min	2.6	2.6	2.5	2.5
Lysine	% CP min	3.9	3.9	3.8	3.8
Arginine	% CP min	3.6	3.6	3.4	3.4
Fat analysis					
Saturated fatty acids	% CF min	36	36	34	34
n-3	% CF min	16	16	18	18
n-6	% CF min	11	11	10	10
n-9	% CF min	11	11	10	10
EPA	% CF min	12	11	10	10
DHA	% CF min	7	7	6.5	6
HUFA	% CF min	2.4	2.3	2.2	2.2
Dust-crumble	Max%	1	1.2	1.2	1.2
Floating pellets	Max%	1	1	1	1
Energy					
Gross energy (MJ)		22.1	22.3	22.5	22.8
Digestible energy (MJ)		19.1	19.2	19.6	20

2. Composition

Soybean meal, Fish meal (High fat), corn gluten, Rice bran, Wheat bran, Fish oil, Soy oil, Vitamins and minerals, D.L. Methionine, L. Lysine Hydrochloride, Choline Chloride, Vitamin C, Mono Calcium Phosphate., Sodium Chloride.

3. Recommended feeding rate

Water Temperature							pellet size	No Feeding	Fat (%)	Protein (%)	Body Weight
16:18	14:16	12:14	10:12	8:10	6:8	4:6					
1.7	1.9	1.8	1.7	1.5	1.4	1.3	2:3	2-3	18-20	45:48	20-50
1.3	1.6	1.5	1.3	1.2	1.1	1	3:4	2-3	20-22	45	50-100
1.1	1.4	1.3	1.2	1.1	1	0.9	4:5	2	20-22	42:45	100-300
1.1	1.3	1.2	1.1	1	0.9	0.8	5:8	2	20-24	42:45	300-700
1	1.2	1.1	1	0.9	0.8	0.7	8:10	1	20-26	40:42	700-1000
0.9	1	0.9	0.8	0.7	0.6	0.5	10	1	20:26	40:42	1000-1500

3. Environmental impact per 100 kg production

	2/3 mm	4mm	5/6mm	8mm	10mm
FCR	1:1.1	1.1:1.2	1.1:1.3	1.2:1.5	1.3:1.5
N in faeces (Kg)	0.5:0.6	0.55:0.66	0.6:0.65	0.65:0.75	0.70:0.75
N in water (Kg)	3:4	3.5:4.5	4:4.5	4.5:5.5	5:6.5
P in faeces (Kg)	0.25: 0.35	0.3:0.4	0.35:0.45	0.4:0.52	0.5:0.6
P in water (Kg)	0.2:0.3	0.35:0.44	0.4:0.51	0.42:0.54	0.45:0.55

