

Table 6.1. Feed formulae (ingredient composition) and proximate composition of commonly used farm-made feeds for different life stages of common carp (*Cyprinus carpio*) in pond fish-farming system

Ingredient/proximate composition (% dry matter)	Life stages/size class											
	Fry			Fingerling	Grower			Brood fish				
	1st recipe	2nd recipe	3rd recipe		1st recipe	2nd recipe	3rd recipe	1st recipe	2nd recipe	3rd recipe	4th recipe ³	5th recipe ³
Wheat meal (%)	25	0	0	34	34	72	85	45	30	0	10	43
Maize meal (%)	0	0	0	0	0	0	0	20	40	30	15	0
Rye meal (%)	0	25	25	0	0	0	0	0	0	0	20	0
Barley meal (%)	0	0	0	0	0	0	0	0	0	0	0	0
Oat (%)	0	0	0	0	0	0	0	0	0	0	5	0
Rice meal (%)	0	0	25	5	5	0	0	0	0	0	0	0
Soya bean meal (%)	25	25	0	5	5	15	7.5	0	0	0	5	0
Lupine (%)	0	0	0	18	18	0	0	0	30	70	0	0
Pea (%)	0	0	0	0	0	0	0	25	0	0	15	30
Carrot (%)	0	0	0	0	0	0	0	0	0	0	3	4
Sunflower meal (%)	0	0	0	5	5	0	0	10	0	0	10	0
Alfalfa meal (%)	0	0	0	1.5	1.5	0	0	0	0	0	0	0
Raw fish (%)	0	0	0	0	0	0	0	0	0	0	10	20
Raw chicken egg (%)	0	0	0	0	0	0	0	0	0	0	5	0
Fishmeal (%)	25	25	25	21	21	15	7.5	0	0	0	0	0
Meat meal (%)	25	0	0	0	0	0	0	0	0	0	0	0
Blood meal (%)	0	25	25	5	5	0	0	0	0	0	0	0
Linen oil (%)	0	0	0	1.2	1.2	0	0	0	0	0	0	0
Yeast (%)	0	0	0	1.8	1.8	0	0	0	0	0	2	3
Biolizin (%)	0	0	0	0.5	0.5	0	0	0	0	0	0	0
Biometin (%)	0	0	0	0.5	0.5	0	0	0	0	0	0	0
Vitamin premix	0	0	0	0.5	0.5	0	0	0	0	0	0	0
P (%)	0	0	0	1	1	0	0	0	0	0	0	0
Total	100	100	100	100	100	100	100	100	100	100	100	100
Crude protein (%)				35	35	25	18					
Gross energy (KJ/g feed)				4 300 Kcal	4 300 kcal							
Reference ¹	(1)			(3)			(2)		(4)			

¹References: (1) Horváth and Tamás (1981); (2) Hephher and Pruginin (1981); (3) Ruttkay (2000 - personal communication); (4) Tasnádi (1983).

²Or other cereals.

³Before propagation about 1% per 1 kg BW daily for large females.