

**Table 3.4. Recommended quantities of manures and fertilizers in pond culture of common carp (*Cyprinus carpio*)**

Production of	Name of manure or fertilizer	Total quantity	Single dose	% of total quantity applied		Source <sup>3</sup>	Observation
		(kg/ha <sup>1</sup> )	(kg/ha <sup>1</sup> )	Before stocking	In portions during the production season		
Grower or table fish	Single superphosphate	–	60	–	–	(1)	Fertilizers: doses were calculated as per 0.5 mg P/liter and 1.4 mg N/liter of pond water, weekly or bi-weekly use. This is considered as standard dose in semi-intensive subtropical ponds (2 000–3 000 fish/ha). Manures: weekly or bi-weekly dose.
	Ammonium sulphate, liquid ammonia	–	60	–	–		
	Dry poultry manure	–	400	–	–		
Fingerling, grower or table fish	Any manure	–	< 100–120 <sup>2</sup>	–	–	(1)	Maximum daily quantity in subtropical fish ponds.
Fingerling, grower or table fish	Any manure	–	< 100–120 <sup>2</sup>	–	–	(2)	Maximum daily quantity in subtropical fish ponds.
Advanced fry	Manure	1 500–2 500	1 500–2 500	100	0	(2), (3)	Applicable under all climates.
	Carbamide (urea)	150	150	100	0		
	Superphosphate	100	100	100	0		
Fingerling, grower or table fish	Manure	3 000–5 000	–	25	75	(2)	Applicable under all climates.
	Carbamide (urea)	400–500	–	25	75		
	Superphosphate	300–400	–	25	75		

<sup>1</sup> It is assumed that the total volume of water of 1 ha is around 10 000 m<sup>3</sup>.

<sup>2</sup> Dry matter content of the manure.

<sup>3</sup> Source: (1) Hephher and Pruginin (1981); (2) Horváth and Pékh (1984); (3) Horváth, Tamas and Coche (1985b).