

Table 1 Culture and management practices followed in normal and sewage-fed farms

	Normal pond	Sewage-fed pond
Location	Lat. 22° 29'N; Long. 88° 29'E	Lat. 22° 82'N; Long. 88° 20'E
Area of the farm (ha)	0.93	40.00
Area of the experimental pond (ha)	0.33	18.67
Water depth (m)	1.90	1.20
Type of pond	Perennial	Perennial
Application of Dolomite (kg/ha/year)	Nil	75
Mahua oil cake (kg/ha/year)	150	525
Lime (kg/ha/year)	75	265-420
Type of culture	Polyculture	Polyculture
Species cultured*	<i>Catla catla</i> , <i>Labeo rohita</i> , <i>Cirrhinus mrigala</i> , <i>Cyprinus carpio</i> , <i>Ctenopharyngodon idella</i> , <i>Oreochromis niloticus</i> , <i>Aristichthys nobilis</i> , <i>Macrobrachium rosenbergii</i>	<i>C. catla</i> , <i>L. rohita</i> , <i>C. mrigala</i> , <i>L. bata</i> , <i>C. carpio</i> , <i>Hypophthalmichthys molitrix</i> , <i>C. idella</i> , <i>O. niloticus</i> , <i>O. mossambicus</i> , <i>Mylopharyngodon piceus</i> <i>A. nobilis</i>
Stocking (Fingerlings/ha)	15,000	20,000
Staggered stocking	No	Yes
Harvesting ^a	Multiple	Multiple
Water source	Rain water and surface runoff	Rain water, surface runoff and metropolitan city sewage**

Note: *: No stocking ratio was maintained in both farms; **: Source: Intake of Kolkata metropolitan city sewage, tannery effluent and other waste water on every 3 days interval from the network of drainage channel; a: On attaining a size of 250-500 g.