Fisheries Science: FISC-D-22-00042

COVID-19 impacts on the Bangladesh shrimp industry: A sequential survey-based case study from southwestern Bangladesh Abul Bashar, Richard D Heal, Neaz A. Hasan,* Md. Abdus Salam, Mohammad Mahfujul Haque

General information

We are collecting data to understand the impact that COVID-19 has had on aquaculture in Bangladesh. To assist us, we would be grateful if you could answer the questions as honestly as possible. Please be sure that all responses are treated in confidence and any results from the data will be aggregated and anonymized.

*	Required
1.	Farmer name *
2.	Farm address (Village, Union, Sub-district, District) *
3.	GPS location *
4.	Farm size (decimal) *
5.	Number of total ponds *

6.	Cultured specie	es *
7.	What finfish spe	ecies did you co-culture before COVID?
8.	What finfish spe	ecies do you co-culture after COVID?
9.	Mark only one of Local mark	
	arm Bio- ecurity	In this section we would like to understand the current biosecurity practices used on the farm.

10.	Do you follow the national bio-security policy? *
	Mark only one oval.
	Yes
	No
11.	Is there any restriction to access the farm site? *
	Mark only one oval.
	Yes
	No
12.	Is there foot bath facility at the entry of farm premises? *
	Mark only one oval.
	Yes
	No
13.	Is there foot bath facility at the entry of pond premises? *
	Mark only one oval.
	Yes
	No

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21.	Number of seasonal staff employed after C	Covid19 *
22.	Labour cost of seasonal staff employed aft	er Covid19 (BDT) *
23.	Number of non-aquaculture staff employed	d before Covid19 *
24.	Labour cost of non-aquaculture staff empl	oyed before Covid19 (BDT) *
25.	Number of non-aquaculture staff employed	d after Covid19
26.	Labour cost of non-aquaculture staff empl	oyed after Covid19 (BDT) *
Cov	vid19 effect on farm economy (Fixed cost)	
27.	Pond construction cost (BDT) *	
28.	Electricity cost (BDT) *	

29.	Water supply cost (BDT) *	
30.	Fencing cost (BDT) *	
31.	Nets and others (BDT) *	
32.	Farm house cost (BDT) *	
Со	vid19 effect on farm economy (Operationa	l cost)
33.	Land lease cost before Covid19 (BDT) *	
34.	Land lease cost after Covid19 (BDT) *	
35.	Pond preparation cost in each cycle before	e Covid19 (BDT) *
36.	Pond preparation cost in each cycle after	Covid19 (BDT) *

Water supply cost in each cycle before Covid19 (BDT) *
Water supply cost in each cycle after Covid19 (BDT) *
Seed cost in each cycle before Covid19 (BDT) *
Seed cost in each cycle after Covid19 (BDT) *
Feed cost in each cycle before Covid19 (BDT) *
Feed cost in each cycle after Covid19 (BDT) *
Labour cost in each cycle before Covid19 (BDT) *
Labour cost in each cycle after Covid19 (BDT) *

45.	Electricity cost in each cycle before Covid19 (BDT) *
46.	Electricity cost in each cycle after Covid19 (BDT) *
47.	Drugs and medecine cost in each cycle before Covid19 (BDT) *
48.	Drugs and medecine cost in each cycle after Covid19 (BDT) *
49.	Harvesting and transport cost in each cycle before Covid19 (BDT) *
50.	Harvesting and transport cost in each cycle after Covid19 (BDT) *
Сс	ovid19 effect on farm economy (Net returns)
51.	Production per decimal obtained for each species before Covid19 (kg) *

52.	Production per decimal obtained for each species after Covid19 (kg) *
53.	Price per kg obtained for each species before Covid19
54.	Price per kg obtained for each species after Covid19

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