

# Development of IFS module

## and popularization of Fish cum Duck farming in North Tripura district

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### Introduction

IFS is a subsystem of a maximum-level land use system, such as a village or watershed, and it includes agricultural production, livestock raising, fisheries, poultry, beekeeping, and other activities on a specific farm. The definition of integrated as a verb is to combine two things in a particular way. Adoption of an Integrated

### Initial status / existing practice before KVK intervention

- Traditional fish culture methods using carps.
- Less earning from single enterprise due to higher input cost.
- Improper knowledge about IFS.

### KVK intervention and extension tools

- Development of Fish cum Duck farming.
- Demand for egg and duck meat is high.

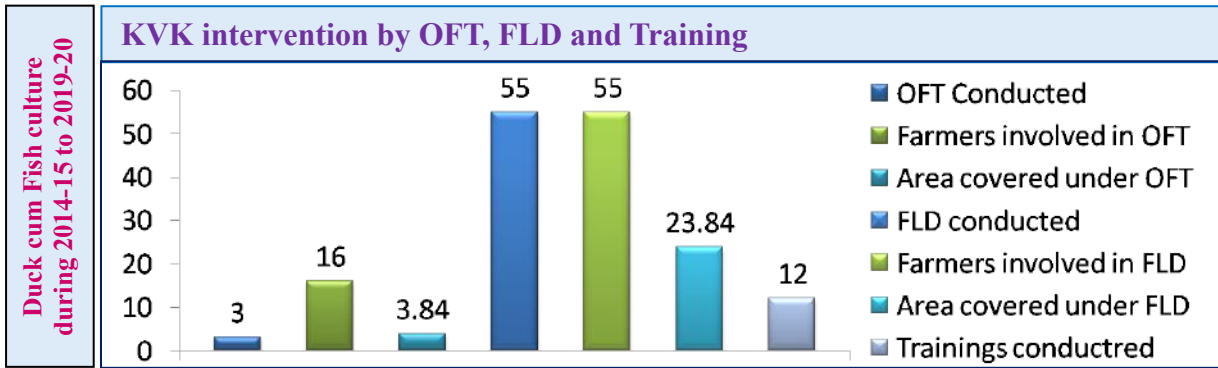
farming System is very much needed to double the farming income for the farmers of Tripura due to land topography and farmers being marginal. So, efforts have been undertaken by KVK North Tripura to adopt the IFS among the farmers in Northern Tripura.

- Input cost (manuring) reduction, better pond health, Ducks get most of their total feed requirements from the pond.
- OFT, FLD, Training, Exposure visit, Field day.

### Targeted group and commodity

- Farmer, farm women, rural youth.
- Fish (IMC, minor carps, exotic carps etc.)
- Duck (Khali Campbell)

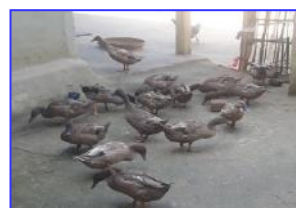




**Results from Frontline demonstrations on Fish cum Duck farming**

Livestock / variety	Technology demonstrated	No. of animals/ poultry birds etc.	Data on parameters in relation to technology demonstrated	
			Demo	Local
Fish (IMC) & Duck (Khaki Campbell) Year 2017-18	Duck cum fish culture. Culture period 10 months	Carp (IMC) stocked @ 10,000 / ha, Duck @ 200/ ha, Feeding fish with artificial diet @ 3-5 % of biomass.	Fish Yield- 2360 kg/ha Duck meat yield- 34 kg/unit Egg laying – 1638 no. egg/ unit	Fish Yield- 1400 kg/ha Duck meat yield- 32kg/unit Egg laying - 880 no. egg/ unit

% Change in yield	Net Return (Rs/ha)	BCR (GR / GC)
42.93 % increase in fish yield	Demo: 237180	Demo: 4.16
	Local: 126500	Local: 2.19



Year	Tech. disseminated	No. of farmers benefitted	Area (Ha)	Villages covered
2014-15	OFTs	5	1.6	2
2015-16	OFTs	8	2.56	3
2016-17 to 2020-21	FLDs	45	14.4	9
Horizontal spread / expansion till date (2021)	Through farmer adoption, training, exposure visit, Awareness programme, ATMA demo. etc.	145	27.96	17 villages