

## List of national fish week 2014 award winning CSISA-BD farmers

Barisal	
Name	Address
Suklal Halder	Vill. Karfa, Upazil. Wizerpur, Dist. Barisal
Jagodis Boiragi	Vill. Joberpar, Upazil. Aguiljhara, Dist. Barisal
Md. Jamal Sarder	Vill. Mahilara, Upazil. Mahilara, Dist. Barisal
Md. Malek Sarder	Vill. Mahilara, Upazil. Mahilara, Dist. Barisal
Ms. Urmila Shil	Vill. West Kittipasa, Upazil. Jhalokathi Sadar, Dist. Jhalokathi
Md Abdul Aziz Akon	Vill. Tiakhali, Upazil. Amtoli, Dist. Barguna
Md. Kamal Mollah	Vill. Tiakhali, Upazil. Kalapara, Dist. Patuakhali
Md. Mamun Khondaker	Vill. Gopkhali, Upazil. Patuakhali Sadar, Dist. Patuakhali
Ms. Farida Begum	Vill. Purba Kartikpasha, Upazil. Dumki, Dist. Patuakhali
Md. Tipu Khan	Vill. Bakharkathi, Upazil. Bakerganj, Dist. Barisal

Rangpur	
Name	Address
Ms. Sree Sabita Rani	Vill. Madhupur, Upazil. Ulipur, Dist. Kurigram
Md. Shaheb Ali	Vill. Shaphkawa, Upazil. Nageshwari, Dist. Kurigram
Md. Ajdul Islam	Vill. Daknirpar, Upazil. Nageshwari, Dist. Kurigram
Sree Nibash Chandro Roy	Vill. Debicharan, Upazil. Razarhat, Dist. Kurigram
Md. Hamdul Islam (Lebu)	Vill. Nafadanga, Upazil. Razarhat, Dist. Kurigram
Md. Abdul Baten	Vill. Hariswar Taluk, Upazil. Razarhat, Dist. Kurigram
Md. Rawson Miah	Vill. Prathamdanga, Upazil. Pirganj, Dist. Rangpur
Md. Shakhawat Hossain	Vill. Sadrataluk, Upazil. Kaunia, Dist. Rangpur
Ms. Mst. Sonavan	Vill. Balihar, Upazil. Pirgacha, Dist. Rangpur
Md. Helalur Rahman	Vill. Khurdumuradpur, Upazil. Mithapukur, Dist. Rangpur

Mymensingh	
Name	Address
Md. Dulal Miah	Vill. Karna, Upazil. Ghatail, Dist. Tangail
Md. Kamal Hossain	Vill. Harbari, Upazil. Ghatail, Dist. Tangail
Md. Delwar Hossain Labu	Vill. Shahpur, Upazil. Ghatail, Dist. Tangail
Md. Tusar Ahmed	Vill. Dubail, Upazil. Pourashava, Dist. Gopalpur
Rasel Ahmed	Vill. Sakrail, Upazil. Pourashava, Dist. Tangail
Ms. Dewan Sahanaz	Vill. Adabari, Upazil. Kalihati, Dist. Tangail
Ms. Mst. Seuli Begum	Vill. Shimrail, Upazil. Ishwarganj, Dist. Mymensingh
Md. Emdadul Haque	Vill. Raypasha, Upazil. Nandail, Dist. Mymensingh
Md. Zakir Hossain	Vill. Gangail, Upazil. Nandail, Dist. Mymensingh

Khulna	
Name	Address
Ms. Gita Mandol	Vill. Shympara, Upazil. Chitalmari, Dist. Bagerhat
Amulla Halder	Vill. Choddohazari, Upazil. Chitalmari, Dist. Bagerhat
Mohadeb Das	Vill. Kadomdi, Upazil. Rampal, Dist. Bagerhat
Ms. Jesmin Begum	Vill. Talbunia, Upazil. Rampal, Dist. Bagerhat
Ms. Radha Rani Mandol	Vill. Madhobkhata, Upazil. Dumria, Dist. Khulna
Afjal Murol	Vill. Khajadanga, Upazil. Rupsha, Dist. Khulna

Khulna	
Name	Address
Ms. Sumita Ezardder	Vill. Phultola, Upazil. Batiaghata, Dist. Khulna
Bibhoti Biswas	Vill. Parsolua, Upazil. Batiaghata, Dist. Khulna
Md. Harun Molla	Vill. Dhopakhola, Upazil. Phultola, Dist. Khulna
Khokan Mondol	Vill. Telighati, Upazil. Digholia, Dist. Khulna
Md. Abul Kalam	Vill. Allarchar, Upazil. Satkhira Sadar, Dist. Satkhira
Ms. Shefali Begum	Vill. Khanpur, Upazil. Satkhira Sadar, Dist. Satkhira
Md. Abdur Rashed	Vill. Bathuadanga, Upazil. Kaliganj, Dist. Satkhira
Md. Golam Sarwar	Vill. Batra, Upazil. Kolaroa, Dist. Satkhira

Jessore	
Name	Address
Ms. Tajbina Begum	Vill. Joghati, Upazil. Jessore Sadar, Dist. Jessore
Md. Abdul Mannan	Vill. Jogannathpur, Upazil. Kaligonj, Dist. Jhenaidah
Ms. Mst. Jahanara Khatun	Vill. Kumarhati, Upazil. Kaligonj, Dist. Jhenaidah
Ms. Salma Akter	Vill. Sinhajhuli, Upazil. Chaugacha, Dist. Jessore
Md. Alfaj Jaman	Vill. Phulsara, Upazil. Chaugacha, Dist. Jessore
Fazer Ali Biswas	Vill. Nagosha, Upazil. Shalikka, Dist. Magura
Ms. Parvin Begum	Vill. Kadirpara, Upazil. Abhoynagor, Dist. Jessore
Ms. Rejia Begum	Vill. Baguri, Upazil. Sarsa, Dist. Jessore
Ms. Modumala Rani	Vill. Sadipur, Upazil. Jhikorgacha, Dist. Jessore
Sri. Gonash Mondol	Vill. Sadipur, Upazil. Jhikorgacha, Dist. Jessore
Majbaul Saddikin	Vill. Kaziera, Upazil. Monirampur, Dist. Jessore
Ms. Sonaban Begum	Vill. Pathara, Upazil. Keshobpur, Dist. Jessore
Manikhar Mondol	Vill. Ujirpur, Upazil. Narail Sadar, Dist. Narail
Ashis Pal	Vill. Mandia, Upazil. Narail Sadar, Dist. Narail
Md. Mostak Sheikh	Vill. Silimpur, Upazil. Kalia, Dist. Narail
Ms. Lovely Biswas	Vill. Maliat, Upazil. Narail Sadar, Dist. Narail
Ms. Dipti Bala	Vill. Kestopur, Upazil. Lohagora, Dist. Narail

Faridpur	
Name	Address
Md. Ekram Hossain	Vill. Bandapasha, Upazil. Boalmari, Dist. Faridpur
Ms. Shandhya Rani	Vill. Kashiani, Upazil. Kashiani, Dist. Gopalganj
Ms. Mst. Asma Begum	Vill. Biswaspur, Upazil. Boalmari, Dist. Faridpur

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## Training of women farmers improves incomes, nutrition and equality

### Overview

The USAID-funded Cereal Systems Initiative for South Asia in Bangladesh (CSISA-BD) project is a five-year initiative implemented through a collaboration between three CGIAR member centers, the International Rice Research Institute (IRRI), International Maize and Wheat Improvement Center (CIMMYT) and WorldFish. The project aims to increase household income, food security and livelihoods in impoverished and agriculturally-dependent regions of Bangladesh.

“ We were under some extreme hardship before, but with the help and guidance of CSISA-BD project, we overcame those adversities.

- Urmila Shil, CSISA-BD, fish farmer ”

### Challenges

In Bangladesh, women usually do not work in the agricultural field in preparing seedbeds, transplant seedlings, de-weeding and fertilization. However, women often participate in harvesting and post-harvest activities. Bangladeshi women manage about 80 percent of post-harvest activities, such as thrashing, freshen, drying and preserving. They also manage fish culture in pond and vegetable garden in homestead area which are becoming increasingly popular. Nearly every household in southern Bangladesh has a small pond, but few ponds are properly utilized to increase productivity and income.

*Harnessing research that makes a difference*





## Solutions

One of the objectives of the CSISA-BD project is to build capacity of researchers, extension workers, farmers and others by enabling rapid dissemination and adoption of improved agricultural technologies and varieties with the aim of increasing family income by at least US\$350 for 60,000 farming families. To achieve this objective, WorldFish has organized trainings, on the job learning and provided coaching on different activities of improved aquaculture technology.



Technology dissemination process

The project also focuses on increasing women's participation in agriculture to reduce the gender gap and enable women and men farmers to innovate and adopt improved technologies and varieties. In 2012, Urmila Shil joined one of the 25 women fish-farming group formed by CSISA-BD. Urmila lives in a remote village in West Kirthipasha, Jhalakathi upazilla, Southern Bangladesh with her husband, two daughters and a son. She engaged in a two-day participatory training workshop and other follow-up activities on household-based pond aquaculture and horticulture for income and nutrition organized by WorldFish.

In 2013, Urmila harvested a total of 496 kg fish from a 20 dec. (247 dec. = 1hectare) homestead pond that was valued at BDT 67,456 (US\$ 865). She earned another BDT 3,380 (US\$ 43) from dike cropping.

Year	Aquaculture production costs (BDT)	Aquaculture gross income (BDT)	Aquaculture net Income (BDT)	Dike cropping prod. costs (BDT)	Dike cropping gross income (BDT)	Total net income (BDT)
2011-'12 (Pre-intervention)	8,346	14,040	5,694	624	1,170	6,240
2012-'13 (Post-intervention)	32,248	67,456	35,208	1,100	3,380	37,488

Source : Project report

Urmila Shil's pre- and post intervention production

"Before we could barely afford to buy fish once a week. Now we can have fresh fish and vegetables every day," she states. Urmila was named 'Best Fish Farmer' during National Fish Week 2014 and is one of the 63 award-winning farmers working with CSISA-BD. Many women living in Urmila's village are inspired by her success. They have taken initiatives to improve their family income through aquaculture and homestead gardening. Urmila regularly shares her knowledge and experience with them so that they can easily replicate her success. In addition, these women groups are getting assistance from CSISA-BD project staff and local government officials.

## Results

The CSISA-BD project is working to increase productivity by increasing women farmers' access to suitable technologies, information and markets. Women's groups have increased household fish pond production by 167% from 1,272 kg<sup>-1</sup> ha base production including Mola fish (small indigenous fish species) production. Approximately 70% of small fish and 20% of total fish produced were used for family consumption. Average earnings from household ponds were BDT 272,844<sup>-1</sup> ha that includes a 7%-15% contribution from growing vegetables on dikes and in homestead gardens.

## Other results include

CSISA-BD's has also disseminated improved aquaculture technologies and varieties in fresh and brackish water ponds and gher. The goal is to directly reach 25,000 farming households including 5000 women, and indirectly reach 60,000 households including 15,400 women by the end of the project in 2015.

## Outcomes

<b>63</b> CSISA-BD farmers awarded as best fish farmer during national fish week 2014	<b>257%</b> Fish production increased per farming hh* from baseline 155 kg	<b>US\$ 530</b> Gross margin increased per farming household from baseline US\$154	<b>72%</b> Small fish produced are consumed by the household
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