

## Success story of “Padma Shri” Awardee Shri.Bata Krushna Sahoo, the first NFDB-NFFBB Network Hatchery Owner

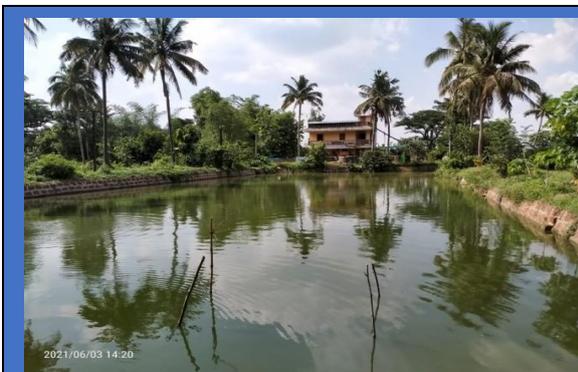
Shri. Bata Krushna Sahoo, aged 71, was born and brought up at Sarakana Village, Khurda District, Odisha. In 1986, he took a Village panchayat pond of 12,000 m<sup>2</sup>(0.3 acre) area on lease at a cost of Rs.12,000/- for 3 years and ventured into fish culture for the first time.



Shri Bata Krushna Sahoo

Shri. Sahoo stocked about 4000 yearlings of 40-80 gm size each and fed them with a mixture of wheat flour, rice bran and ground nut oilcake (GNOC) procured from market in consultation with the ICAR-CIFA Scientists. He received his first harvest of around 1.3 to 1.4 tonnes of fish weighing 600-800 gm each in January 1987 which he sold in local market. Later, he invested Rs. 13,000/- towards input cost in addition to lease amount and recouped the total investment within one year with a good profit of Rs. 12,000/. Every year, he used to purchase spawn from vendors (brought from distant places in Aluminum Handi) and there was severe mortality in the pond due to poor seed quality and long-distance transportation.

In 1988, Shri. Sahoo decided to produce good quality carp spawn at his pond site adopting Hapa breeding method and started induced breeding of Common Carp using Pituitary hormone with the technical support of KVK, Khurda Scientist.



Home Sweet home of Padma Shri.  
Bata Krushna Sahoo

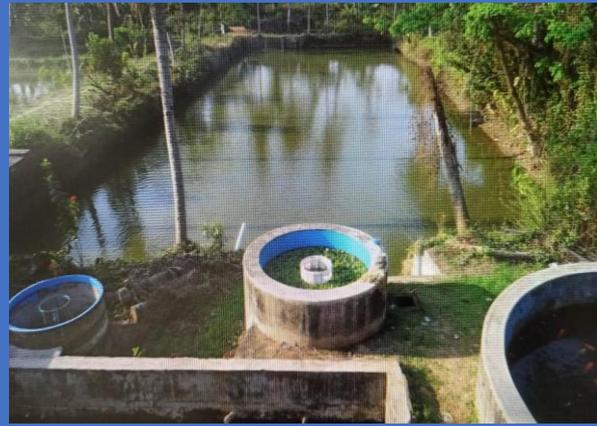


Breeding of Amur Common carp in  
progress at Shri. Bata Krushna Sahoo  
Hatchery

In the first batch, around 4 lakh spawn was produced and stocked in the pond for further rearing up to 60 days. He managed the early stages efficiently with proper feeding and sold early fingerlings to fish farmers and earned Rs. 8,000/- in 2 months. He realized that the fish seed production in small ponds was more profitable than fish farming with revenue of Rs. 25,000/- earned in 8-10 months from grow out pond.



Hatching pools of the IMC Hatchery owned by Shri. Bata Krushna Sahoo.



Brood stock Pond and Carp hatchery of Shri. Bata Krushna Sahoo.

Shri. Sahoo then adopted the scientific package of practices developed by scientists of ICAR-CIFA, Bhubaneswar and KVK, Khurda for IMC breeding, spawn and fry production and brood fish maintenance. He constructed the Chinese carp hatcheries at two sites, 150 to 200 m distance apart. He produced spawn, fry and advanced fry of Indian major carps, exotic carps, minor carps and gold fishes. About 160-200 million healthy spawn and five million carp fries are produced at those hatcheries every season.

In the year 2017, he procured brooders of Jayanti Rohu and Improved Catla from National Fish Farmers Brood Bank and since then he has been producing improved variety seed. On National Fish Framers day (i.e. 10th July) 2018, he was the first hatchery owner who signed the MoU with NFFBB as Network hatchery owner. After the tie-up with NFDB-NFFBB, he has progressed and prospered socio-economically. His three sons (one holding B.Tech degree) are helping him in this enterprise along with the eight permanent laborers.



Dr Y. Basavaraju, Former Dean of College of Fisheries, Mangalore visited Shri. Bata Krushna Sahoo Fish hatchery and farm



Dr P.Krishnaiah, IAS, Former Chief Executive and Dr Y Basavaraju, Former Dean of College of Fisheries, Mangalore visited farm house on 18th January, 2021.

ICAR-CIFA demonstrated various technologies at his farm including NFDB funded **CIFA-CIFABROOD™** diet. He achieved success in early maturation (within 48 days) and early breeding in the month of April after the brood fishes were fed with **CIFABROOD™**, same is being adopted by NFDB-NFFBB.



Shri. Bata Krushna Sahoo along with Dr. Manas Kumar Sinha, Senior Executive (Tech), NFDB interacted with the Ramasagar Fisheries co-op Society, Bankura, West Bengal during the exposure visit organized by NFFBB, Bhubaneswar in March, 2019.



Breeding of Amur Common carp in progress at Shri. Bata Krushna Sahoo Hatchery.

In the year 2020, Shri. Bata Krushna Sahoo was conferred with the 4<sup>th</sup> highest Civilian award, “**Padma Shri**” in the discipline of Animal Husbandry by Govt. of India for his stupendous achievement in Fish culture and adopting the technologies developed by Research institutes like ICAR-CIFA. He lauds the way NFDB-NFFBB has been extending the helping hand to the hatchery operators and seed growers and informed that NFDB-NFFBB had created awareness on quality brood fish and it’s help in boosting the farmer’s income. He has been producing around 40-50 million Spawn of improved variety which has given his hatchery an edge to scale up his seed business.



Shri. Bata Krushna Sahoo, Network Hatchery owner of NFDB-NFFBB was felicitated by NFFBB, Bhubaneswar in the presence of Dr J.K. Sundaray, Former Director ICAR-CIFA and Dr P.C. Ananth, HoD, KVK Khurdha after he was conferred with the Padma Shri award by GoI.



Padma Shri. Bata Krushna Sahoo, Network Hatchery owner of NFDB-NFFBB addressing **Odisha Hatchery Operators** in a three day long training program organized by NFDB-NFFBB at Ganjam during event held from 16<sup>th</sup> to 18<sup>th</sup> February, 2020.

According to Shri. Sahoo, by taking due care of ponds through good quality seed stocking, regular proper feeding and maintaining water quality would definitely bring a profit of Rs.2 lakhs per acre minimum, whereas the paddy could give only Rs. 20,000 per acre. He also informed that with good quality seed from quality brood fish of improved variety as maintained by NFDB-NFFBB, two crops (5 months each) could be taken up if the yearlings are stocked and maintained in a small rearing pond. Shri. B.K Sahoo is an inspiration to hundreds of young entrepreneurs in India who are willing to establish and operate carp hatcheries, as the availability of good quality fish seed in adequate quantity will lead to the success and progress of grow-out fish culture in days to come.