



KRISHI SPOTLIGHT

-- A Quarterly Publication of BASIX Krishi Samruddhi Ltd. (BKSL) --

Volume 2 | Issue 1 | January 2022 to March 2022









BASIX Krishi Samruddhi Ltd. AD - 101, 2nd Floor, Sector – 1, Salt Lake City | Kolkata – 700064 | West Bengal | Tel: +91-33 - 46018459

About BKSL

BASIX Krishi Samruddhi Ltd. (BKSL) / BASIX Krishi is one of BASIX Group entity, incorporated under the Companies Act 1956. BASIX Krishi is engaged in providing know-how on quality agri-inputs, along with extension services, credit facilitation and output market linkages to crop and livestock farmers in India since 2010. One of the pioneer entities in the promotion of FPOs, BKSL has been selected as Cluster Based Business Organization (CBBO) by SFAC, NAFED, NABARD and NCDC to implement the Central Sector Scheme (CSS), for the promotion of 10,000 FPOs in India. It has initiated its effort under the CSS, to promote FPOs in the states of Uttar Pradesh, Odisha, Bihar and Tripura. National Fisheries Development Board (NFDB) has empanelled BKSL as one of the Consulting Firm, to undertake various training programs, production, marketing, value-addition related steps in the field of fresh water aquaculture. BKSL is supporting FPOs on developing Value Chain Development Services in potato, Banana, fisheries and spices.

Major area of interest

-  **Advisory Services:** Advisory and technical know-how is shared with the target clients on project basis.
-  **Input Linkages:** Production / Procurement and supply of different Seeds, Sapling, different Fish Seeds and Feed.
-  **Output Marketing:** The agri-produce of the FPCs is being transported inter-state with close coordination with traders and dealers. Besides that, famous local products like Jackfruits and lemon from Tripura are already being exported to countries like United Kingdom, UAE and Germany.
-  **Value addition of agricultural produce:** BKSL has been at the forefront in exploring productive ways to add value to the agricultural produce and has already putting its effort in the value addition of Turmeric, Mentha and lemongrass.
-  **Promotion of Bio-Product:** Bio Fertilizers are being produced by BKSL and distributed to farmers through FPOs Network.
-  **Banana Partnership Farming Model:** A farming model where Farmer, FPO and BKSL invest in a profit-sharing model.

Our Clients & Partners



Live Interaction with Hon'ble Prime Minister:



A moment to cherish in the new year. Naveen Kisan Producer Company Limited from Lucknow, UP - promoted by BASIX Krishi(BKSL), was among 6 FPOs who were selected by the PMO to have a live interaction with the Hon'ble Prime Minister. The prestigious event was held on this New Year, 1st January 2022. It was a proud occasion for the entire team of BKSL as well as the farmers of **Naveen Kisan Producer Company Limited**, to showcase the accomplishments with the PM. This was possible with the commendable hard work done by the BKSL team, subsequent effort by the members of the FPO and able to get coordination from SFAC. The

President of the FPO took the lead and expressed about the exponential growth they were able to achieve after they formed the FPO and engaged in a collective activity. He specifically focused on the turnaround changes happened in the productivity part, where with proper guidance from BKSL on farm mechanization, using better seed varieties – they could significantly increase the per acre production of different high value crops and vegetables.

Innovations:

❖ Moong seed multiplication in UP:

Farmers are suffering on getting quality seeds form authentic sources which affect their productivity. BASIX Krishi (BKSL) has initiated Moong Seed multiplication work in Firozabad district, Uttar Pradesh to supply the quality seed to farmers through FPOs. Preparation of field has initiated by farmers for sowing of Moong in the village Siraskhas, Firozabad, UP. The variety Shikha (IPM-410-3 developed by IIPR, Kanpur and foundation seed availed from Jawaharlal Nehru Krishi Vishwavidyalaya, Jabalpur, MP) is being promoted. This variety is resistant to MYMV disease which is a major reason causing the low productivity and reduction of moong growing area. The seed produced will be supplied to farmers of Firozabad, Kanpur Dehat, Kanpur Nagar, Auraiya and Etawah districts. This is an effort to increase the productivity of Moong and to increase the production area of Moong.



❖ Red Potato/Potato Harvesting in UP:



Potato seed (Karuda / Lal Pukhraj, Khyati, Pukhraj, Chipsona Varieties) harvesting is in full-swing by our FPO members from Sirsaganj Area, Firozabad district, Uttar Pradesh. BASIX Krishi (BKSL) continues its effort in encouraging the FPOs to take up business activities like this to stay afloat and create a sustainable business for their functioning. This is an effort to make availability of new generation seeds to farmers at reasonable price to boost the productivity. The produced seeds are meant for the farmers of different districts like Lucknow, Kanpur Nagar, Bulandshahr, Etawa and Firozabad of Uttar Pradesh.

❖ Back Yard Poultry Pilot in Nayagarh and Dhenkanal:

Back Yard Poultry is introduced as an Income Generation Activity (IGA) for marginal farmers on pilot basis in Shree Shree Balunkeswar Farmers PCL, Bhapur block, Nayagarh District, Odisha. It is planned to develop a business model for BYP to be implemented through FPOs. Initially Day Old Chicks(DOC) are supplied to farmers along with a training on brooding at household level. The necessary supplementary inputs like pre-started feed, multi-vitamin and mineral are supplied along with arrangement for vaccination. The pilot program will be closely observed to make necessary modification for scaling up phase.



❖ Corn Introduction in West Tripura:



Preparation of Land meant for Corn cultivation under Lefunga Farmers Producer Company Limited, Lefunga block, West Tripura district, Tripura. Corn is a high demand produce in Tripura for feed production units (poultry feed / pig feed / cattle feed). Corn is being introduced as a cash crop by BASIX Krishi supported by Department of Agriculture, Government of Tripura.



Value Addition to FPO Product

❖ Lemon Grass Oil:

FPOs are fast becoming a critical component of the agricultural value chain in India. BKSIL has been studying and monitoring different trends and agri-interventions across the country to make its promoted FPOs sustainable and activity oriented. In such an instance, it had arranged awareness meetings with the Angul Farmers Producer Company Ltd (Odisha) to use some fallow land for the cultivation of lemongrass. The farmers without hesitation took up the task and further while understanding the technical aspects of lemongrass oil extraction, they installed basic machinery and have been involved in the production, extraction and marketing of lemongrass oil. This oil is generally used as an essential ingredient in the making of personal care and certain food items.



❖ Bulandkishan First Honey Introduction:



Bulandkisan Fed Producer Company Limited, Siyana Block, Bulandshahr, Uttar Pradesh has started commercial apiculture with 100 plus boxes. The first harvest of honey is ready for processing and marketing. BASIX Krishi is providing a network of FPOs for sales of this honey. This is a supplementary income for farmers. It also boosts pollination of the crops. The farmers are sensitized how to manage their crops along with apiculture so that the bees will not be affected due to spray of chemical pesticides.

FPO Activities

❖ Training On Bio flocc:

Gorakhpur Farmers Producer Company Limited, Gorakhpur, Uttar Pradesh has made a pilot intervention in bio-floc fish production. BASIX Krishi has organised a virtual practical demonstration on functioning of Bio-floc on 26th Feb 2022. There were 40 participants in this program from different FPOs of UP, Odisha, West Bengal, Bihar and Tripura. The economics of bio-floc with different species, technical aspects, maintenance process, and marketing aspects were discussed. This method of fish production is a boon for small farmers with limited land holding. Technical support and hand holding support are must during initial stage to make it a success activity.



❖ CFTRI Training of Agartala: BKSIL



Value addition to Fruits, Vegetables and Species: A Skill building training was conducted from 14th March to 18th March 2022 at Agartala, Tripura by CFTRI, Mysuru, and Sponsored by APEDA. Our FPOs participated in the program & they got training on some value-added products like pickles, Candies making and dry food preparation in cluster levels on pilot basis.

❖ CBBO Meeting at Dhatia:

CBBO Review Meeting held with Ms. Neelkamal Darbari, IAS, MD, SFAC, Govt. of India at Dhatia, Madhya Pradesh on 20th March 2022. MD, SFAC had insighted on management and good governance of FPOs; how FPOs will be profitable for small and marginal farmers in changing income of the farmers focusing on value addition like sorting, grading and packaging of the produce. Representatives from CBBOs and FPOs of Madhya Pradesh and border area of Uttar Pradesh participated in the program. This program motivated a lot to our FPOs to proceed further on action points.



OIIPCRA Project

❖ Implementation of Scientific Method of Pisciculture in Private Pond

BASIX Krishi is working as a Supporting Organisation (SO) in 10 Blocks of Ganjam district under OIIPCRA Project. BKSL is working in different sectors like Agriculture, Horticulture and Fishery in this OIIPCRA Project. Sapuapalli village is situated near about 10 km away from Hinjilicut Block.

Pravati Prasad Padhy is living in Sapuapalli village with his family. He has a pond having water spread area of 0.2 hectare. Though Pravati Prasad Padhy is engaged



Photo: 19-01-2022
Latitude: 19.443071
Longitude: 84.783232
Elevation: 107.0833 m
Accuracy: 2.5 m
Time: 15:22:22 19-01-2022

in fishery activity in the last five years but he had no knowledge about IMC culture. So, he did not get better production of fish from fish culture. During our visit to Sapuapalli village for conducting a training programme on Integrated fish farming system, the BKSL (SO) Zone-1, OIIPCRA Project staffs met with Pravati Prasad Padhy and visited his pond. Discussed with him regarding culture details. He explained us regarding his loss in Fish



Photo: 19-01-2022
Latitude: 19.443071
Longitude: 84.783232
Elevation: 107.0833 m
Accuracy: 2.5 m
Time: 15:22:22 19-01-2022

culture. After discussion we observed that he was doing pisciculture in a traditional method. The stocking ratio of IMC was completely wrong. Sometimes he was facing oxygen depletion in his fish pond but he had no knowledge about how to control oxygen level during oxygen depletion in fish pond. After a long discussion with the beneficiary, we suggested him to do pisciculture in a scientific method. How to maintain water parameters like pH, DO, Alkalinity, Temperature, TDS, plankton productivity, supplementary feeding, pre stocking and post stocking management, stocking ratio etc. After the discussion he changed the traditional culture practice of IMC and implemented scientific pisciculture in his pond. Timely we are giving technical guidance to the beneficiary. Now he is expecting better production and profit than previous. Lastly, he gave his heartily thanks to all SO-BKSL staffs of OIIPCRA Project for their valuable support.

❖ Snapshots of Field Activities of OIIPCRA



Latitude: 19.320894
Longitude: 84.271611
Elevation: 40.2712 m
Accuracy: 11.0 m
Time: 28-01-2022 11:36
Note: Goura Gouda



Latitude: 19.56359
Longitude: 84.820658
Elevation: 113.07412 m
Accuracy: 1.4 m
Altitude: 173° (S)
Pitch: -5.3°
Time: 19-01-2022 15:22
Note: Sratnapalli.



Preparation of Green Manure



Integrated Fish Farming



Millets Cultivation



Mushroom Cultivation



Capacity Building Training of Pani Panchayat Members

