

**Office of the Assistant Director of Agriculture
Agricultural Technology Management Agency (ATMA)
FIAC, Krishnagar – 1 Block, Nadia**

Success Story on Integrated Farming

Sl. No.	Components	Details	
1.	Name of the Farmer	Shri Ananda Sarkar	
2.	Address:		
	Village	Mahishnangra	
	Post	Goaldaha	
	District	Nadia	
	State	West Bengal	
3	Contact Details:	7407378953 (M)	
4	Details of the Farm (Size, Location, Water availability etc)	Size: 01 acre, Location : attached of his residence on the side of a Pacca Road, Water availability : available (both pump & ditch)	
5	Membership in Self Help Group Producer, Cooperative / Company, Cooperative Society etc. (Given details)	Member of a cooperative society, named 'Mohishnangra PACS Ltd.' Having a Group of farmers (unofficial).	
6	Names of the Central Sector/ State Scheme utilized by the farmers and the period	Utilized the Central (ATMA) fund for different activities (Innovative Activities, Demonstration, Training etc. along with all the line department) during F.Y. 2018-19.	
7	Technologies / Good Agricultural Practices / Facilities/ Benefit obtained with details.	<p>Technologies he adopted:</p> <ul style="list-style-type: none"> a) Adapted SRI and SARP technology for rice cultivation b) Adopted IPM tools like- Solar Light Traps, Pheromone Traps, Yellow Stickers. c) Establishment of vermicomposting unit, Azolla unit and a Bio-gas unit. d) To minimize the vulnerability from cultivation of single crop, he established an Integrated Farming model in combination of different unit like Dairy, Goatery, Duckery , Poultry, Horticulture and Fishery with Pearl cultivation e) Adapted Mechanical Rice Transplanting method, cultivated Jute in Line showing with the help of Nail Weeder, watering the vegetable field cost effectively by the Sprinkler irrigation system. <p>Benefit Obtained: As he adopted the "INTEGRATED FARMING" with an Integrated Circuit mode, he enjoyed the following benefits- 1) Able to minimize his cost of cultivation, 2) Able to increase his production, 3) able to increase his productivity</p>	
8	Details of result obtained due to the adoption of technologies & Season wise Crops grown, techniques adopted results achieved etc.)	Improved/ Present Production Technologies	Traditional / Past Production Practices
i	Crop Production (q/hac)	Not fitting here. Multi facet products like- Bio gas, Vermicompost, Pearl, Duckery, Poultry, Eggs, Diary, Goatery, Fishery. Besides, products of Agriculture like- Rice, Jute, Vegetables, etc. simultaneously.	Only agri-products- Rice= 44 q/ha. Jute= 30 q/ha. Vegetable= 19 q/ha.

	ii	Cost of Production per hectare (Rs)	12,23,750.00	11,50,000.00
	iii	Net profit per hectare (Rs)	4,89,500.00	92,500.00
	iv	Number of Sprays	02 (Neem Oil and other bio products if necessary)	05-07 (different highly poisonous pesticide and insecticides)
	v	Cost of Spray (Rs)	2,000.00	9,000.00
	vi	Natural Resource saved/ conserved like Soil, water etc.	Conserving the rain water, making the ditch in a pond with land shaping. Saving the natural resources like- Snail, Oyster, Birds, other friend insects, water, soil etc.	There was no concept of conservation of natural resources.
	vii	Product Quality Improvement	Notably improved	
9	Marketing Strategy- Access to market (through Private, Cooperative, Control farming etc)		Through Private and open market	Through Private and open market
	Export Market (details of exports made)		There is an exportable product, i.e. Pearl cultivating with oyster in his pond. But till now he is not able to export of his product, though there is an export.	There was no exportable product.
10	Factors contributing to success		i) Adoption of the "INTEGRATED FARMING" with an Integrated Circuit mode within one acre of land. ii) His education (B.A. passed) and progressive mind.	
11	Any other relevant information		From his boyhood, he helped to his father in agriculture. As he was fighting with poverty, he always tried to come out from this situation. After graduation, he was finding a job, by which he able to remove their poverty. In a certain time, he joined to a security job under a reputed company. But, at a time he felt that security job is not fit for him. He left it with lot of frustration and decided to continue his father's occupation, the Agriculture with zeal. In a certain day, he come in touch to the ATMA staffs and committed to cultivate with the close monitoring of ATMA Staffs and as well as agriculture department.	

Signature : Arun Kumar Das,